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OF
NEW YORK.

DEC., 1888.

GEO. H. PIERCE,


Sole Agent in Philadelphia for the sale of goods manufactured by
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136 South Eleventh Street, Philadelphia.

BULLETIN No. 13.

December, 1888.

On account of the impossibility of giving proper notice in our Catalogues of the many additions our stock is constantly receiving, both in new forms of apparatus, and in the assortment of attractive LANTERN SLIDES, we have decided to issue a "Bulletin" with each edition of our Catalogue, in which will be noted all Novelties received since the preceding issue; as well as more extended lists of many classes of views than the limits of the Catalogue admit of being fully noted therein.

 WE WILL BE PLEASED TO MAIL THE BULLETIN AND ALSO OUR COMPLETE CATALOGUE OF STEREOPTICONS, MAGIC LANTERNS AND VIEWS TO ANY OF OUR CORRESPONDENTS WHO DESIRE IT.

NEW VIEWS.

We would call attention to many new Views listed in this Bulletin, all of them being interesting and popular.

ALASKA,

SWISS LIFE,

NEW DISSOLVING SETS,

GYMNAST CHROMATROPE,

FRANCO-PRUSSIAN WAR,

JERUSALEM ON THE DAY OF THE CRUCIFIXION,

NEW SLIDES OF ATTRACTIVE SUBJECTS,

THE MOON AS SEEN BY THE GREAT LICK TELESCOPE, etc., etc., etc.

VIEWS OF GERMANY AND AUSTRIA.


The detailed list of Views of Germany and Austria in this number of the Bulletin, will be found very interesting, as it embraces illustrations of the principal cities, and of the finest natural scenery in the various countries grouped under the general title of "Germany and Austria."

We would especially call attention to the ample line of views of the River Rhine, by which a very exhaustive tour can be fully illustrated, and the beauties of the River from Cologne to Constance can be attractively presented to an audience.

These are all direct Photographs, each on glass, 3¼ by 4 inches, with protecting cover glass.

PRICES:

In style of our handsomely "Colored Sceneries," \$1.80 each; \$21.00 per dozen.
Uncolored 50 cents each; \$45.00 per 100.

 See also our "Lecture Set," illustrating the River Rhine, 60 Views, page 108 of Catalogue.

PRESSURE GAUGE,

For ascertaining the cubic feet of Condensed Gas in a Cylinder,
\$6.00.

The Pressure Gauge consists of a Brass Case about 2½ inches diameter, having screw fitting to attach it to a cylinder; on one side is a dial graduated from "0" to "250" and an index point.

To ascertain the cubic feet of condensed gas in a cylinder, attach the Pressure Gauge and turn on the gas "full head." When a cylinder is charged to its full capacity the index will stand at "225"; as the gas is consumed the index will show that the pressure is reduced and a "Table," which is supplied with each Pressure Gauge when sold, will enable an operator to know exactly the cubic feet of condensed gas remaining in the cylinder.

Places of Interest—Germany and Austria. 50c. each ; \$45.00 per hundred..

<p>Germany and Austria.</p> <p><i>Aix-la-Chapelle.</i></p> <p>Panorama. Cathedral. Hotel de Ville. " Emperor's Hall. Place Frederick William. " of the Emprcor. Polytechnic School. Marschier Thor. Pont Thor. Porte de France. Synagoguc. Prison. Barracks. R. R. Station. Hospital Maria Hilf. Church of the Virgin. Chapelle de Salvator. War Monument. Elisen Brunnen. Kaiserbad. Rosenbad. Railway Viaduct. Birtschied suburb. Lousberg. " The Belvidere.</p> <p><i>Baden.</i></p> <p>Panorama. The Trinkhalic. The Kursaal. Conversation Hall. The Promenade. Palace of the Grand Duchess. Gardens of " " Ruins of the Old Castle. " Abbey. Monument of Prince Furstem- berg. The New Castle. Prince Salma's Castlc. Rock of Felsen Brucke. Cascade Geroldsau. " aller Heiligen. The Railroad. The River. Lichtenthal.</p> <p><i>Bamberg.</i></p> <p>Panorama. Cathedral.</p> <p><i>Berlin.</i></p> <p>Panorama. Royal Palacc, Exterior. " Thronc Room. " The White Hall. " The Swiss Hall. " Picture Gallery. " Banqueting Room " The New Chapel. " The Ball Room. " King's Cabinet. " " Ante- chamber. Statuary, St. George and the Dragon. Palace of the Prince Royal. " Ball Room. " Blue Room. " Red Room. " Library.</p> <p>Arsenal. Royal Theatre. Lyric Theatre. National Mnseum, Exterior.</p>	<p>National Museum, Bronze, The Amazon. " Bronze, Lion Combat. " Renaissance Hall. " Egyptian Hall. " Hall of An- tiquitics. " Egina Mar- bles. " Venus of the Capitol. " Child a t Prayer.</p> <p>Cathedral. French Church. Brandenburg Gate. Under the Lindens. Statue of Frederick the Great. " Frederick William III. " the Elector Frederick. National Monument. Synagogue, Interior. View on the Spree.</p> <p><i>Botzen.</i></p> <p>Panorama.</p> <p><i>Brand.</i></p> <p>Panorama.</p> <p><i>Bremen.</i></p> <p>Hotel de Ville.</p> <p><i>Brixen.</i></p> <p>Panorama. Cathedral.</p> <p><i>Buda-Pesth.</i></p> <p>Panorama. Koenigsberg and Castle. Bridge over the Danube. View on the Danube.</p> <p><i>Charlottenburg.</i></p> <p>Palace Front. Mausoleum of Frederick III. and Queen Louise.</p> <p><i>Cilly.</i></p> <p>Panorama.</p> <p><i>Cochem on the Moselle.</i></p> <p>Panorama. Winneburg Castle.</p> <p><i>Danube River.</i></p> <p>Various Views.</p> <p><i>Dresden.</i></p> <p>Panorama. Zwinger Palacc, Pavilion. Entrance. " Garden Front. " Court. " Cascade. " Statue Freiler- ick Augustus.</p> <p>Court Church. Frauen Kirche. Russian Church. Museum, Entrance. Japanese Palace. Imperial Opera House. Theatre. Place du Theatre. Palace and Court Church.</p>	<p>Bridge over the Elbe. R. R. Bridge. View on the Elbe.</p> <p><i>Eisenach.</i></p> <p>Birthplace of Bach. <i>Elbe River.</i></p> <p>Various Views. <i>Eppstein.</i></p> <p>Panorama. " Erfurt. Portal of the Cathedral. <i>Frankfort.</i></p> <p>Panorama. The River Main. Old Bridge. Suspension Bridge. The Jews' Street. Synagogue. Cathedral. " Interior. Church of St. Nicholas. The Roemer. " Hall of the Emper- ors. The Roemer Berg. The Rossmarkt. The Zell Street. Street of the Emperor. Ancient Houses. Goethe House. Luther House. The Rent Tower. Eschenheim Tower. The Saalhof. Grand Opera House. Grand Hotel. The Bourse. Fine Art Institutc. Statue, Goethc. " Schiller. " Gutenberg, Faust, and l Schoeffer. Palm Garden, Entrance. " Pavilion. " Swiss Chalet. " Fish Pond. " Conservatory.</p> <p>Zoological Garden. Sachsenhausen Church.</p> <p><i>Feldsen.</i></p> <p>Thor Rock Arch.</p> <p><i>Goslar.</i></p> <p>Hotel Kaiserworth. Market Place. Ancient Houses. Bäcker Housc. Street View.</p> <p><i>Gran.</i></p> <p>Panorama. Cathedral.</p> <p><i>Gratz.</i></p> <p>Panorama.</p> <p><i>Hamburg.</i></p> <p>Panorama. Harbor. Canal. Post Office. Bazaar. Arcades.</p>
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The above Views in style of our superior "Colored Sceneries," \$1.80 each, \$21.00 per dozen. n.

Places of Interest—Germany and Austria. 50c. each ; \$45.00 per hundred.

Hotel St. Petersburg. Mill.	Esplanade. Fort St. Quentin. Statue of Marshal Ney. " " Fabert.	General View of Upper Valley. " " Au. Valley of the Ache. View of Rothmoos.
<i>Heidelberg.</i>	Battle Monument at Mars la Tour. Gravelotte and Gorse. View at Gorse. Ruins of Roman Aqueduct.	<i>Cbermahl.</i> View on the Danube.
Panorama. Castle, General View. " The Neckar Front. " Entrance Gateway. " Entrance Tower. " Clock Tower. " Façade of the Frederick Palace. " Façade of the Otto Henry Palace. " Portal of the Otto Henry Palace. " Galerie Robert. " Ruined Tower. " The Castle Church. " Gallery of Antiquities. " Courtyard.	<i>Munich.</i> Panorama. Colossal Statue, Bavaria. Ruhmes Halle. Museum of Paintings. Museum of Sculpture. Royal Palace. Wittelsbacher Palacc. Theatre. Court Church. Church of the Theatins. Triumphal Arch. Ancient Gateway (Isar Thor). Railway Station. Statue, Maximilian I. " Louis I. Greek Propylæa. Column Marianische-Säule. Campo Santo. Park of Nymphenbourg.	<i>Passau.</i> Panorama. <i>Pilnitz.</i> Panorama. Royal Chateau. <i>Polenzthal.</i> Panorama. <i>Potsdam.</i> Old Palace, General View. " South Pavilion. " North Pavilion. " Colonnade, Entrance. " Railway Station. New Palace, General View. " Marble Hall. " Hall of Shells. " Apartments of Frederick the Great.
Bridge Over the Neckar. " Entrance Towers. View on the Neckar. Neckar Steinach. Schwetzinger Park.	<i>Munster.</i> Ancient Houses.	Sans Souci, General View. " Gardens. " Orangery. " Picture Gallery. Church of St. Nicholas. The Old Windmill.
<i>Hildesheim.</i>	<i>Nuremberg.</i> Panorama. Ancient Houses. House of Albert Durer. The Nassau House. Street, Adler Strasse. " Ludwig Strasse. " Burg Strasse. " Caroline Strasse. Durer Platz. Panier Platz. Maximilian Platz. Joseph's Platz. Henkersteg Bridge. The Stammhof. Thiergarten Gate. Church of St. Laurent. " of the Virgin. " of St. Sebald. St. Sebalds, Churchyard. " Rectory.	<i>Prague.</i> Panorama. The Ancient Bridge. Hradchin Palace. Hotel de Ville. Grand Place. Church of St. Nicholas. Statue, Charles IV. Monument, Emperor Francis. " Radetzki. River Moldau.
Hotel de Ville. Guild House of the Butchers. Ancient Houses.	<i>Munster.</i> Ancient Houses.	<i>Presburg.</i> Panorama. The Citadel. View on the Danube.
<i>Homburg.</i>	<i>Nuremberg.</i> Panorama. Ancient Houses. House of Albert Durer. The Nassau House. Street, Adler Strasse. " Ludwig Strasse. " Burg Strasse. " Caroline Strasse. Durer Platz. Panier Platz. Maximilian Platz. Joseph's Platz. Henkersteg Bridge. The Stammhof. Thiergarten Gate. Church of St. Laurent. " of the Virgin. " of St. Sebald. St. Sebalds, Churchyard. " Rectory.	<i>Ratisbon.</i> Panorama. The Walhalla. Cathedral Portal. Donaustauf. View on the Danube.
Panorama. Kursaal. The Lake.	<i>Nuremberg.</i> Panorama. Ancient Houses. House of Albert Durer. The Nassau House. Street, Adler Strasse. " Ludwig Strasse. " Burg Strasse. " Caroline Strasse. Durer Platz. Panier Platz. Maximilian Platz. Joseph's Platz. Henkersteg Bridge. The Stammhof. Thiergarten Gate. Church of St. Laurent. " of the Virgin. " of St. Sebald. St. Sebalds, Churchyard. " Rectory.	<i>Rathen.</i> Panorama: <i>Roveredo.</i> Panorama. <i>Salzburg.</i> Panorama. Castle. The Capucinberg. Cloister of St. Peter. " St. Sebastian. Cathedral Platz. Statue of Mozart. Faubourg Müllin. Valley of the Salzach.
<i>Innsbruck.</i>	<i>Nuremberg.</i> Panorama. Ancient Houses. House of Albert Durer. The Nassau House. Street, Adler Strasse. " Ludwig Strasse. " Burg Strasse. " Caroline Strasse. Durer Platz. Panier Platz. Maximilian Platz. Joseph's Platz. Henkersteg Bridge. The Stammhof. Thiergarten Gate. Church of St. Laurent. " of the Virgin. " of St. Sebald. St. Sebalds, Churchyard. " Rectory.	
Panorama. The River Inn. Triumphal Arch. Das goldenes dach. Theresien Strasse. Viaduct.	<i>Nuremberg.</i> Panorama. Ancient Houses. House of Albert Durer. The Nassau House. Street, Adler Strasse. " Ludwig Strasse. " Burg Strasse. " Caroline Strasse. Durer Platz. Panier Platz. Maximilian Platz. Joseph's Platz. Henkersteg Bridge. The Stammhof. Thiergarten Gate. Church of St. Laurent. " of the Virgin. " of St. Sebald. St. Sebalds, Churchyard. " Rectory.	
<i>Koenigstein.</i>	<i>Nuremberg.</i> Panorama. Ancient Houses. House of Albert Durer. The Nassau House. Street, Adler Strasse. " Ludwig Strasse. " Burg Strasse. " Caroline Strasse. Durer Platz. Panier Platz. Maximilian Platz. Joseph's Platz. Henkersteg Bridge. The Stammhof. Thiergarten Gate. Church of St. Laurent. " of the Virgin. " of St. Sebald. St. Sebalds, Churchyard. " Rectory.	
Nassau. View on the Elbe.	<i>Nuremberg.</i> Panorama. Ancient Houses. House of Albert Durer. The Nassau House. Street, Adler Strasse. " Ludwig Strasse. " Burg Strasse. " Caroline Strasse. Durer Platz. Panier Platz. Maximilian Platz. Joseph's Platz. Henkersteg Bridge. The Stammhof. Thiergarten Gate. Church of St. Laurent. " of the Virgin. " of St. Sebald. St. Sebalds, Churchyard. " Rectory.	
<i>Kreuznach.</i>	<i>Nuremberg.</i> Panorama. Ancient Houses. House of Albert Durer. The Nassau House. Street, Adler Strasse. " Ludwig Strasse. " Burg Strasse. " Caroline Strasse. Durer Platz. Panier Platz. Maximilian Platz. Joseph's Platz. Henkersteg Bridge. The Stammhof. Thiergarten Gate. Church of St. Laurent. " of the Virgin. " of St. Sebald. St. Sebalds, Churchyard. " Rectory.	
Panorama. Bridge over the Nahe. Castle of Ebernburg.	<i>Nuremberg.</i> Panorama. Ancient Houses. House of Albert Durer. The Nassau House. Street, Adler Strasse. " Ludwig Strasse. " Burg Strasse. " Caroline Strasse. Durer Platz. Panier Platz. Maximilian Platz. Joseph's Platz. Henkersteg Bridge. The Stammhof. Thiergarten Gate. Church of St. Laurent. " of the Virgin. " of St. Sebald. St. Sebalds, Churchyard. " Rectory.	
<i>Laibach.</i>	<i>Nuremberg.</i> Panorama. Ancient Houses. House of Albert Durer. The Nassau House. Street, Adler Strasse. " Ludwig Strasse. " Burg Strasse. " Caroline Strasse. Durer Platz. Panier Platz. Maximilian Platz. Joseph's Platz. Henkersteg Bridge. The Stammhof. Thiergarten Gate. Church of St. Laurent. " of the Virgin. " of St. Sebald. St. Sebalds, Churchyard. " Rectory.	
Panorama. Cathedral. " and Castle.	<i>Nuremberg.</i> Panorama. Ancient Houses. House of Albert Durer. The Nassau House. Street, Adler Strasse. " Ludwig Strasse. " Burg Strasse. " Caroline Strasse. Durer Platz. Panier Platz. Maximilian Platz. Joseph's Platz. Henkersteg Bridge. The Stammhof. Thiergarten Gate. Church of St. Laurent. " of the Virgin. " of St. Sebald. St. Sebalds, Churchyard. " Rectory.	
<i>Lindau.</i>	<i>Nuremberg.</i> Panorama. Ancient Houses. House of Albert Durer. The Nassau House. Street, Adler Strasse. " Ludwig Strasse. " Burg Strasse. " Caroline Strasse. Durer Platz. Panier Platz. Maximilian Platz. Joseph's Platz. Henkersteg Bridge. The Stammhof. Thiergarten Gate. Church of St. Laurent. " of the Virgin. " of St. Sebald. St. Sebalds, Churchyard. " Rectory.	
Panorama. View on Lake Coustance.	<i>Nuremberg.</i> Panorama. Ancient Houses. House of Albert Durer. The Nassau House. Street, Adler Strasse. " Ludwig Strasse. " Burg Strasse. " Caroline Strasse. Durer Platz. Panier Platz. Maximilian Platz. Joseph's Platz. Henkersteg Bridge. The Stammhof. Thiergarten Gate. Church of St. Laurent. " of the Virgin. " of St. Sebald. St. Sebalds, Churchyard. " Rectory.	
<i>Linz, on the Danube.</i>	<i>Nuremberg.</i> Panorama. Ancient Houses. House of Albert Durer. The Nassau House. Street, Adler Strasse. " Ludwig Strasse. " Burg Strasse. " Caroline Strasse. Durer Platz. Panier Platz. Maximilian Platz. Joseph's Platz. Henkersteg Bridge. The Stammhof. Thiergarten Gate. Church of St. Laurent. " of the Virgin. " of St. Sebald. St. Sebalds, Churchyard. " Rectory.	
Panorama. Engelhardzell. Grein. Sarblingstein.	<i>Nuremberg.</i> Panorama. Ancient Houses. House of Albert Durer. The Nassau House. Street, Adler Strasse. " Ludwig Strasse. " Burg Strasse. " Caroline Strasse. Durer Platz. Panier Platz. Maximilian Platz. Joseph's Platz. Henkersteg Bridge. The Stammhof. Thiergarten Gate. Church of St. Laurent. " of the Virgin. " of St. Sebald. St. Sebalds, Churchyard. " Rectory.	
<i>Lubeck.</i>	<i>Nuremberg.</i> Panorama. Ancient Houses. House of Albert Durer. The Nassau House. Street, Adler Strasse. " Ludwig Strasse. " Burg Strasse. " Caroline Strasse. Durer Platz. Panier Platz. Maximilian Platz. Joseph's Platz. Henkersteg Bridge. The Stammhof. Thiergarten Gate. Church of St. Laurent. " of the Virgin. " of St. Sebald. St. Sebalds, Churchyard. " Rectory.	
Burgthor Gateway. Street View.	<i>Nuremberg.</i> Panorama. Ancient Houses. House of Albert Durer. The Nassau House. Street, Adler Strasse. " Ludwig Strasse. " Burg Strasse. " Caroline Strasse. Durer Platz. Panier Platz. Maximilian Platz. Joseph's Platz. Henkersteg Bridge. The Stammhof. Thiergarten Gate. Church of St. Laurent. " of the Virgin. " of St. Sebald. St. Sebalds, Churchyard. " Rectory.	
<i>Marburg.</i>	<i>Nuremberg.</i> Panorama. Ancient Houses. House of Albert Durer. The Nassau House. Street, Adler Strasse. " Ludwig Strasse. " Burg Strasse. " Caroline Strasse. Durer Platz. Panier Platz. Maximilian Platz. Joseph's Platz. Henkersteg Bridge. The Stammhof. Thiergarten Gate. Church of St. Laurent. " of the Virgin. " of St. Sebald. St. Sebalds, Churchyard. " Rectory.	
Panorama.	<i>Nuremberg.</i> Panorama. Ancient Houses. House of Albert Durer. The Nassau House. Street, Adler Strasse. " Ludwig Strasse. " Burg Strasse. " Caroline Strasse. Durer Platz. Panier Platz. Maximilian Platz. Joseph's Platz. Henkersteg Bridge. The Stammhof. Thiergarten Gate. Church of St. Laurent. " of the Virgin. " of St. Sebald. St. Sebalds, Churchyard. " Rectory.	
<i>Melz.</i>	<i>Nuremberg.</i> Panorama. Ancient Houses. House of Albert Durer. The Nassau House. Street, Adler Strasse. " Ludwig Strasse. " Burg Strasse. " Caroline Strasse. Durer Platz. Panier Platz. Maximilian Platz. Joseph's Platz. Henkersteg Bridge. The Stammhof. Thiergarten Gate. Church of St. Laurent. " of the Virgin. " of St. Sebald. St. Sebalds, Churchyard. " Rectory.	
Bridge Over the Moselle.	<i>Nuremberg.</i> Panorama. Ancient Houses. House of Albert Durer. The Nassau House. Street, Adler Strasse. " Ludwig Strasse. " Burg Strasse. " Caroline Strasse. Durer Platz. Panier Platz. Maximilian Platz. Joseph's Platz. Henkersteg Bridge. The Stammhof. Thiergarten Gate. Church of St. Laurent. " of the Virgin. " of St. Sebald. St. Sebalds, Churchyard. " Rectory.	
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"The Perils of the Horse Trade."

1. Before the Trade.—The Seller warrants him "sound and kind."
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"Early to Bed and Early to Rise."

Direct Photographs from Life.

1. "A Torchlight Procession" of five little children in their night-dresses, each carrying a lighted candle.
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\$2.00 each. Finely Colored Photographs, on Glass, $3\frac{1}{2}$ x 4 inches.

\$1.50 " " " " " on Glass, 3 inches diameter.

50c. " Uncolored Crayon Photographs, on Glass, $3\frac{1}{2}$ x 4 inches.

Arrival of the Kaiser Wilhelm at Saarbürck, August 2, 1870.

First Meeting of Bismarck and Louis Napoleon.

After the Surrender at Sedan, September 2, 1870—Interview between Bismarck and Louis Napoleon.

Discussing the Capitulation, February, 1871.

The Ultimatum—Bismarck Dictating Terms to Thiers, February, 1871.

Von Moltke in the Palace of Versailles.

Louis Napoleon on the way to meet the Kaiser Wilhelm.

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\$1.50 " " " " circular, 3 inches.

50c. " *Uncolored Crayon*, $3\frac{1}{4}$ inches.

The Empty Saddle. The Ferry Man. The Peace Maker. The Skedadde.
The Shipwreck—"Women and Children first."

THE GYMNAST CHROMATROPE.

\$3.75.

This consists of a brilliantly colored Kaleidoscopic Chromatropé, having a centre piece representing a Stage of a Theatre with a figure of a Gymnast suspended from a trapeze, which appears to execute very life-like motions as the Chromatropé revolves.

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From a Photograph obtained by the great 36-inch Telescope of the Lick Observatory, California; taken under the most favorable conditions, and presenting the finest Lantern Slide Illustration of the Moon.

Uncolored Crayon Photograph, on Glass, $3\frac{1}{2}$ x 4 inches; with protecting cover glass, 50c.

VIEWS OF ALASKA.

Uncolored Photographs, on glass, 3¼ x 4 inches, with Protecting Cover Glass, 50 cents each, \$45.00 per 100.

Beach at Icy Bay. Behring's Bay. Chatham Straits. Christian Indian Burial Place, near Naha Bay. Delta of Jones River. Horn Cliffs, Frederick Sound. Howkan, Sool-Kahs Totem. Karta Bay. Lake Castain. Mt. Elias. Port Mulford. Pyramid Harbor. " " Beach and Mountains. Tongas Village. " " Totems. Wood Bay, Land Slides. " " a Wind Swept Point. Yakutat Village. " " interior of a Chief's House. A Steamer in the Ice. Map of Alaska. <i>Fort Wrangell.</i> Landing Place. Main Street. Chief Shustach's Grave. Totem Poles. Wolf Totem.	<p><i>Glaciers.</i></p> Agassiz Glacier. Baird " and Wood Bay* " " Front. " " Near. Guyot " " LeConte " " Muir " Front. " " Near. " " Top.	<p><i>Prince of Wales Island.</i></p> Salmon Packing Establish- ment. Eudora Mountain. Kasa-an Indian Village. " " " " " Totem Poles. " " Burial Posts. Chief Skowl's Body Lying in State. Deserted Indian Village. <p><i>Characters and Customs.</i></p> Chief of the Yakutat Indians. Second Chief " " Crown Princess " " Indian Boy " " Indian Woman " " Medicine Man " " " " and Bear. Family Group. Natives Loading Salmon Cans. Indians at Juneau. Natives at Pyramid Harbor. Women and Babies of Karta Bay. Indian Doctor Healing the Sick Group in Full Costume. Stone Implements. Masks. War Canoe.
	<p><i>Juneau.</i></p> Panorama. Early Morning. Treadwall's Gold Mine, ext'r. " " " int'r.	
	<p><i>Sitka.</i></p> Panorama. Indian Part. Street in Sitka. Harbor. Baranof Castle. Greek Church, exterior. " " interior. Home Mission. Old Russian Block House. Interior of Indian House. Mt. Vestovia, Sitka Bay. Wood Point, near Indian River.	

CYCLORAMA OF JERUSALEM ON THE DAY OF THE CRUCIFIXION,

Uncolored Crayon Photographs, on glass, 3¼ x 4 inches, with Protecting Cover Glass, \$4.00 per Set of 8 Views, with *Descriptive Reading.*

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| 1. Panoramic View of the City, from the North, showing the Temple, Judgment Hall, etc.; Golgotha forming the foreground, and the Mount of Olives being in the distance. | 5. Ruins of an Old Caravansary; Clump of Olive Trees bordering on the Pool of Siloam; etc. |
| 2. The City from the North West; The Mountains of Moab in the distance, and close to the observer are the Tents of some who have come to the Holy City to keep the Passover Feast. | 6. The Road to Damascus; The Historic Peak of Mizpah far away in the distance; a Roman Guard-House in the foreground, etc. |
| 3. Still further Westward; The Palaces of Ananias and of Caiaphas; Hill of Evil Counsel; etc. | 7. The Hill on which Rested the Hamlet of Emmaus; The Cave of Jeremiah in the foreground; An Excited Multitude Proceeding to Calvary; etc. |
| 4. Mount Zion; Palace of Herod; Tower of David; etc. | 8. Calvary; The Crucifixion; Roman Soldiers; Mary; John, the Beloved Disciple; etc. |

SWISS LIFE.

Uncolored Photographs, on glass, 3¼ x 4 inches, with Protecting Cover Glass, 50 cents each.

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| Group of Tyrolese Peasants.
" " Children.
Tyrolese Women.
" " Girls on the Way to Church. | A Tyrolese Truck (Woman with Basket on her Back).
A Swiss Locomotive.
A Swiss Omnibus. |
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A NEW SERIES OF
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The entire series, 100 views, \$45.00.

By special permission of the publishers of "Gray's Anatomy," we are enabled to offer the following series of 100 Views of Anatomy, carefully selected, from the admirable designs in that standard work. These afford fine illustrations of the structure of the human body, are very distinct, and can be relied on for accuracy; they are especially adapted for Educational Institutions, Popular Lectures, etc.

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|---|--|--|
| 1. Transverse Section of the Diaphysis of the Humerus. | 37. Muscles of Chest and front of the Arm, with the boundaries of the Axilla. | 66. Nerves of the Orbit and Ophthalmic Ganglion. |
| 2. Section of the Femur. | 38. Posterior Surface of the Fore-arm, superficial muscles | 67. Second and Third Divisions of the Fifth Nerve and Submaxillary Ganglion. |
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ADDITIONAL ANATOMICAL ILLUSTRATIONS.

We would also call attention to our "ADDITIONAL ANATOMICAL ILLUSTRATIONS," which answer admirably to supplement the views from "Gray's Anatomy," when it is desired to enter more fully into the details of the subject. These "Additional Anatomical Illustrations" form a series of about 350 slides.

OFFICE OF
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Sole Agent in Philadelphia for goods manufactured by T. H. McAllister, New York.

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We endeavor to keep constantly on hand a full line of all the desirable views made by the principal foreign makers, but as the assortment is so great, it is impossible to print a complete list within the limits of our Catalogue. We therefore keep for sale the catalogues of each maker, in ordering from which it will be merely necessary to give the Catalogue Numbers and Page of the views desired. **Price of each Catalogue, 10 cents.**

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The Lectures accompanying any of our "Lecture Sets," for sale separately,—25 cents each.

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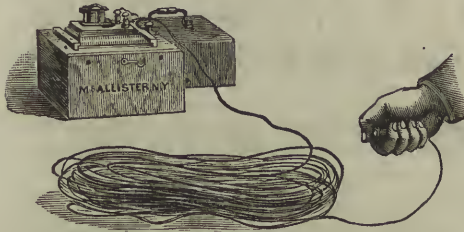
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THE LECTURER'S TELEGRAPHIC SIGNAL.

\$10.00.



Where the Lecturer does not operate the instrument, it frequently occurs that during the progress of an exhibition, he may have occasion to communicate with his assistant operating the apparatus at the opposite end of the Hall. As it is, of course, impracticable to "talk" over the heads of the audience, some other method of communication must be adopted, and if the message can be transmitted unknown to the audience, it will be the more effective.

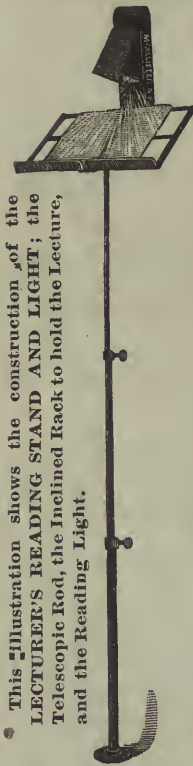
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It consists of a Dry Battery with a Telegraphic Sounder, enclosed in a neat case, 8 inches long, 5½ wide, 7 inches deep. This is placed in any convenient position near the assistant, and connection is made with the Lecturer by an insulated wire having a button at the extreme end. (This wire can be conducted from one end of the hall to the other without any disturbance of the seats or furniture). When the Lecturer wishes to communicate with the assistant, he merely presses the button, and each push of the button causes the sounder to respond with sufficient force to be distinctly heard by the assistant, but not by those in his immediate vicinity.

A code of signals can easily be arranged by which any necessary instructions may be forwarded. Thus, one tap may signify "The next picture," two taps may signify "Focus that picture sharper!" and so on.

The Battery being a *Dry Battery*, there is no acid to spill, no chemical to give off offensive fumes, and no glass jar to break. It is compact, light, and serviceable. The Battery when exhausted can be recharged at the small cost of 50 cents.

Price of the Lecturer's Telegraphic Signal, complete as above, including 100 feet of insulated wire.....**\$10.00**



This illustration shows the construction of the LECTURER'S READING STAND AND LIGHT; the Telescopic Rod, the Inclined Rack to hold the Lecture, and the Reading Light.

THE LECTURER'S READING STAND AND LIGHT.

A very convenient, compact, and useful accessory, obviating the necessity of a platform or desk on which to place the Lecture, and specially recommended in connection with "The Lecturer's Telegraphic Signal."

It consists of a telescopic, japanned iron rod, in three lengths, carrying at the upper end an inclined rack to hold the Lecture, with a "Reading Light" above it. At the lower end is a screw which can be screwed into the floor in an instant, supporting the stand firmly. When fully extended the total height is between four and five feet, yet it is extremely portable, occupying a space, when packed, of only 20½ inches long, 4½ inches wide, 2½ inches deep.....**Price, \$7.50**

THE LECTURER'S READING LIGHT.

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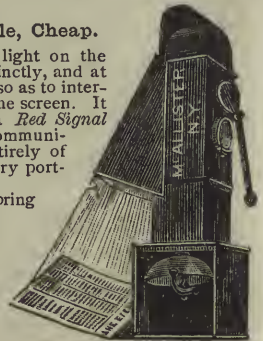
This is designed to throw sufficient light on the book or lecture to enable one to read distinctly, and at the same time will not illuminate the hall so as to interfere with the brilliancy of the views on the screen. It is supplied with a *Call Bell*, and also a *Red Signal Light*, either of which can be used for communicating with the operator. It is made entirely of

metal, very simple in its construction and management, and very portable, all being packed within a box 3 x 3 x 9½ inches.

An extra large candle is used, fitted in a mounting with spring beneath, by which the flame is always kept at a uniform height. This candle gives a satisfactory illumination. One candle will burn 4 to 5 hours. **ADDITIONAL CANDLES, 75 CENTS PER DOZEN.**

A match case is conveniently placed in the base, so that no time need be lost in running about for a match.

PRICE, \$5.00.



A NEW DEPARTURE

IN THE CONSTRUCTION OF

Magic Lanterns and Stereopticons; COMBINING PORTABILITY, EFFICIENCY AND DURABILITY.

The expense and trouble attendant upon the transportation of bulky apparatus, having induced a demand for greater compactness in the form of *Magic Lanterns* and *Stereopticons* than the usual styles permit, we have elaborated several new patterns, in the construction of which we have introduced many novel details, and have discarded all unnecessary material. As a result, we are enabled to offer instruments in which compactness has been reduced to a minimum without sacrificing either efficiency or durability, and with little, if any, increase of cost over the familiar less condensed forms of apparatus, which, however, are well adapted for use as stationary appliances in Educational Institutions, Insane Asylums, etc.

To protect ourselves from *unscrupulous imitations*, and to guarantee our customers certainty in their purchase, various of the important parts of construction are covered by Patents.

The assortment of this *New Departure Apparatus* is as follows:

- The New York Model Magic Lantern.
- The New York Model Dissolving View Apparatus.
- The Metropolitan Oxy-Hydrogen Stereopticon.
- The International Oxy-Hydrogen Stereopticon.

Each of the above possesses peculiar merits of its own, yet all contain the same valuable points of difference from the forms heretofore considered necessary, all of which are fully specified in the accompanying printed descriptions. It will merely be observed here that each has the collapsible bellows front, and with that exception the remaining portions are of metal, the brass work being nickel-plated, handsomely finished, and always retaining a fine appearance.

The *New York Model Magic Lantern* was only made possible by our Patent Bi-unial Lamp, which being made entirely of metal obviates the necessity of any case or body to confine the light, and thus a great saving in bulk is obtained by dispensing with the usual metal or wooden body. This Bi-unial Lamp has fully sustained its reputation, and has proved to give by far the most brilliant illumination for Magic Lantern purposes that can possibly be obtained from oil.

The *New York Model Dissolving View Apparatus* is composed of two of the *New York Model Magic Lanterns*, with the addition of a novel "Dissolver," designed especially for it. It occupies far less bulk, and can be operated on a smaller platform than any other Dissolving View Apparatus.

The above are confidently recommended as being the most desirable forms of Oil Light Apparatus, and have given universal satisfaction; but as it frequently happens that a customer wishes to add a more powerful illumination without incurring unnecessary expense, we would call attention to our "Oxy-Hydrogen Attachments" for the New York Model Magic Lantern, and the New York Model Dissolving View Apparatus, which can be added at any time without change in the original apparatus.

The *Metropolitan Oxy-Hydrogen Stereopticon* is composed of two lanterns, the bodies of which are of brass, handsomely finished and nickel-plated, with bellows front extension, being placed one above the other, for convenience in operating. The *Oxy-Hydrogen Jets* are each enclosed by neat Sheet Iron Hoods, which prevent any light from being scattered, are abundantly ventilated, and are no larger than absolutely requisite. The *Achromatic Object Glasses* are of fine quality, giving a great variety of powers, and rendering "The Metropolitan" serviceable in halls of any size.

The *International Oxy-Hydrogen Stereopticon* is a unique instrument, being a Triple Stereopticon composed of three distinct Lanterns, which, however, can be used separately if required; or two of them can be combined when the triple form is not required; the third Lantern is, however, very desirable for the production of some beautiful "effects" in Dissolving Views which cannot be obtained otherwise. The "International" is far more condensed in form than any Triple Apparatus heretofore made; the various parts are detachable and pack in a very small compass, yet are readily put together in a few minutes, and the instrument is then as rigid and firm as the heaviest apparatus that could be built.

To exhibit at a glance the desirability of these various "New Departure" styles as regards ease of transportation, we append the weight and bulk of each instrument (not including, of course, gas apparatus, views, or other accessories).

	WEIGHT.	BULK.
New York Model Magic Lantern.....	8½ lbs.	5½ × 9 × 13 inches.
New York Model Diss. View Apparatus.....	17½ "	9 × 13 × 13 "
Metropolitan Stereopticon.....	25½ "	5½ × 14 × 14 "
International Triple Stereopticon.....	40 "	7 × 10 × 23 "
International Single Lantern.....	13 "	6 × 7 × 10 "

GEO. H. PIERCE, PHILADELPHIA, PA.

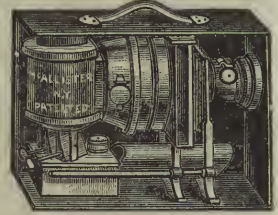
T. H. McALLISTER'S
"NEW YORK MODEL" MAGIC LANTERN.

The neatest, lightest, and most compact Magic Lantern adapted for Oil-Light Illumination.

PRICE, \$50.00.



(Ready for use.)



(In packing-case.)

PATENTED,
APRIL 6, 1886.
NOV. 22, 1887.

Our "NEW YORK MODEL" has been designed to meet the oft-repeated demands of our customers for a Magic Lantern of compact pattern, packing in a small compass, and consequently transportable with less trouble and expense than the more bulky Magic Lanterns. It meets all these requirements, and in addition is a neat and handsomely-finished apparatus.

The "N. Y. MODEL" weighs but 8½ pounds, and is enclosed for transportation in a neat Japanned Packing-case, 13 × 9 × 5½ inches, with handle by which it can be conveniently carried.

The **CONDENSING LENSES** are of our finest quality, plano-convex, 4¼ inches diameter, being of largest size we use in any of our instruments, and diffusing the light evenly over the entire area of the square photographic views of standard size, which cannot be as well done with condensing lenses of smaller diameter.

The **OBJECT GLASSES** are **Achromatic**, yielding two magnifying powers, enlarging the views distinctly of any desired size from 3 feet to 10 feet in diameter; rack adjustment for focussing. The Object Glasses are firmly attached to a neatly-made Bellows Front, which is extended when the Lantern is in use, but folds within itself for packing, and thus far more convenient and compact than the ordinary rigid front heretofore generally used.

Our **PATENT BI-UNIAL LAMP** supplies the illumination, and fits into a socket at the proper distance from the Condensing Lenses.

All the important working parts of the "N. Y. MODEL" MAGIC LANTERN are of Brass, Nickel-plated.

Price complete, in Japanned Packing-case, \$50.00.

Among the many advantages of the "N. Y. MODEL" MAGIC LANTERN are the following:

1. **Absence of Excessive Heat.**—In all the so-called portable Magic Lanterns heretofore made, the Lamp has been enclosed in a "case" or "hood," the air within which soon became very much heated, producing irregularity in the illumination, and making the surrounding air so hot as to be a serious inconvenience to the operator. In the "N. Y. MODEL" there is no case or hood surrounding the Lamp; the heat therefore is immediately dissipated, without affecting the steadiness of the flame and without inconveniencing the operator.

2. **No Loss of Light.**—All the light from the Lamp is transmitted to the screen, the fittings being so tight as to prevent any light from passing out into the room, and thus detracting from the brilliancy of the picture on the screen.

3. **Facility of Introducing Slides.**—The slides can be introduced either from the side, or from above, different sets of springs being supplied to hold the slide in position in either case; these springs are removable in an instant, so that the change from introducing the slides horizontally or vertically can be made without interrupting the exhibition.

4. **Capability as an Enlarging Lantern.**—In addition to its special use as a Magic Lantern, the "N. Y. MODEL" forms an admirable Enlarging Lantern for Photographers, the negative taking the position of the Magic Lantern Slide, while the intense light afforded by the Bi-unial Lamp has proved most satisfactory for the purpose.

5. **A Handsome Apparatus.**—The neat and ornamental pattern, and the exact workmanship of the "N. Y. MODEL" render it particularly suitable for Drawing-room entertainments; and being finished in nickel-plate the Mountings will not become tarnished after long and constant use.

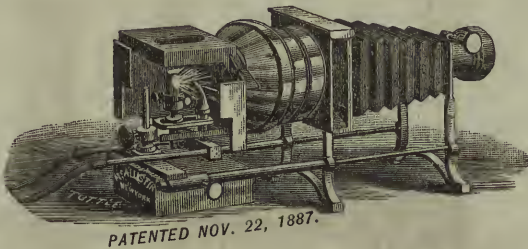
6. **Compactness and Portability.**—The entire apparatus weighing only 8½ pounds, and when packed in its Japanned Case, occupying a bulk of only 13 × 9 × 5½ inches.

OXY-HYDROGEN ATTACHMENTS

FOR THE

New York Model Magic Lantern

Which can be added at any time without any change in the original construction of the Lantern, thus converting it into an Oxy-Hydrogen Magic Lantern, and rendering it capable of enlarging the views brilliantly to an area of 25 x 25 feet.



PATENTED NOV. 22, 1887.

The above engraving shows a New York Model Magic Lantern, in which the Bi-Unial Lamp has been replaced by an Oxy-Hydrogen Jet.

Oxy-Hydrogen Attachment for using the gases from bags \$100.00

CONSISTING OF

- One Special Model Oxy-Hydrogen Jet, with hood to enclose the light. Safety Bottle for each gas.
- Oxygen Apparatus as follows: Large Copper Retort, best quality, Retort Stand, Spirit Lamp, Purifier, First Quality canvas-lined Gas Bag, 30 x 40 inches area, 20-inch gusset, 55 gallons capacity.
- Hydrogen Apparatus as follows: Copper Generator, best quality, Purifier, first Quality extra large canvas-lined Gas Bag, 30 x 40 inches area, 30-inch gusset, 85 gallons capacity.
- Rubber Tubing for Connections.
- One Dozen Prepared Limes.
- One Charge Chemicals for making Oxygen.

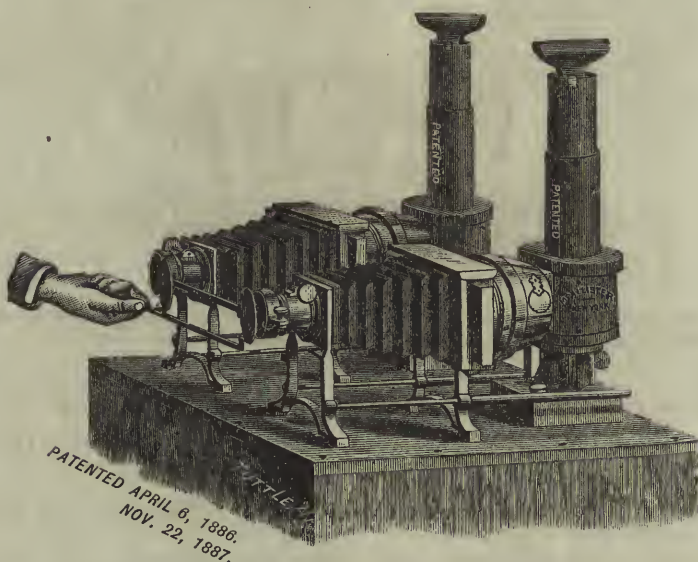
Oxy-Hydrogen Attachment for using the Condensed Gases from Metal Cylinders..... \$20.00

CONSISTING OF

- One Special Model Oxy-Hydrogen Jet, with Hood to enclose the light.
- Rubber Tubing for connections.
- One Dozen Prepared Limes.

T. H. McALLISTER'S
NEW YORK MODEL
DISSOLVING-VIEW APPARATUS.

\$100.00.



Our "New York Model Magic Lantern," which is an entirely new departure in the form of Magic Lanterns, having met with the unanimous approval of all who have used it, has induced a demand for a **DISSOLVING-VIEW APPARATUS** possessing the same valuable qualities. We have therefore constructed the "New York Model Dissolving-View Apparatus," consisting essentially of two of the New York Model Magic Lanterns, with the addition of a Novel and Convenient Dissolver of our special design, the whole forming a more compact, portable, and efficient Dissolving-View Apparatus, with Oil-Light illumination, than was possible with former patterns of Magic Lanterns.

Each Lantern is enclosed for transportation in its japanned case, and the entire apparatus is packed in a substantial dove-tailed box with lock and handles, the lid being detachable to serve as a platform on which the apparatus rests during exhibition. The bulk and weight being only about one-half that of the ordinary styles, renders this a very desirable Dissolving-View Apparatus.

For all the details of Construction, Lenses, Lamp, etc., our customers are referred to the description of The New York Model Magic Lantern.

OXY-HYDROGEN ATTACHMENTS

FOR THE

NEW YORK MODEL

DISSOLVING-VIEW APPARATUS

Which can be added at any time, without any change in the original construction of the Dissolving-View Apparatus, thus converting it into an Oxy-Hydrogen Stereopticon, and rendering it capable of enlarging the views brilliantly to an area of 25 x 25 feet.

**Oxy-Hydrogen Attachment for using the gases from
bags \$125.00**

CONSISTING OF

- Two Special Model Oxy-Hydrogen Jets, with Hoods to enclose the light. Safety Bottle for each Gas.
 - Oxygen Apparatus as follows : Large Copper Retort, best quality, Retort Stand, Spirit Lamp, Purifier, First Quality canvas-lined Gas Bag, 30 x 40 inches area, 20-inch gusset, 55 gallons capacity.
 - Hydrogen Apparatus as follows : Copper Generator, best quality, Purifier, First Quality extra large canvas-lined Gas Bag, 30 x 40 inches area, 30-inch gusset, 85 gallons capacity.
 - Compound Low Pressure Dissolving Key.
 - Rubber Tubing for Connections.
 - One Dozen Prepared Limes.
 - One Charge Chemicals for making Oxygen.
-

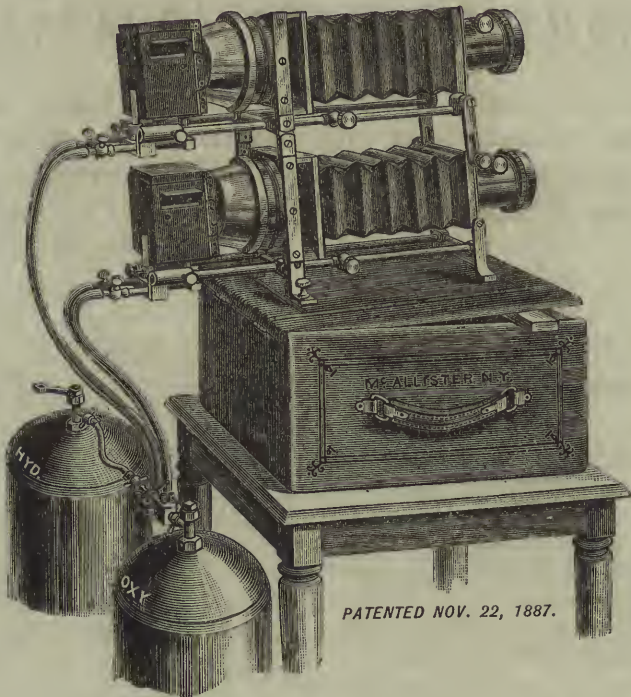
**Oxy-Hydrogen Attachment for using the Condensed
Gases from Metal Cylinders \$70.00**

CONSISTING OF

- Two Special Model Oxy-Hydrogen Jets, with Hoods to enclose the light.
- T. H. McALLISTER'S Patent High Pressure Dissolving Key, the only Perfect Dissolver with Condensed Gases.
- Rubber Tubing for Connections.
- One Dozen Prepared Limes.

GEO. H. PIERCE, PHILADELPHIA, PA.

McAllister's "Metropolitan" Stereopticon.



The above engraving represents the METROPOLITAN STEREOPTICON, resting on its packing case, as it appears when set up for operation with High Pressure Dissolving Key; and also shows the High Pressure Key attached to Cylinders of Condensed Gases.

The "METROPOLITAN" STEREOPTICON is a handsomely finished, compact, and serviceable apparatus, fully equal to any demand of the most critical expert.

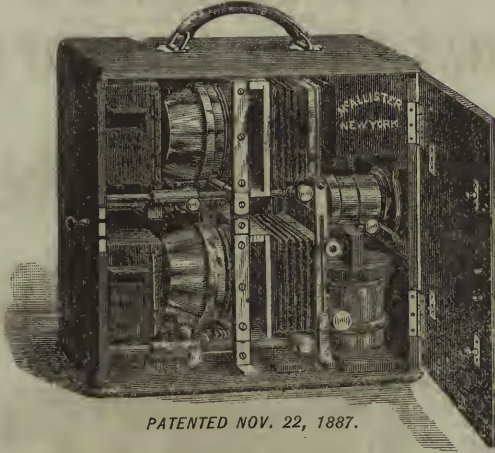
It consists of two Lanterns, in which the usual "cases" or "bodies" have been entirely dispensed with; this being one of the peculiarities, and especial advantages of all the styles of our "New Departure Apparatus."

The Lanterns are mounted one above the other, with a free current of air between them; they are hinged together at the rear standards, allowing the necessary elevation or depression requisite to "register" the views on the screen, and with set screws at the front standards by which they can then be locked firmly together.

All the metal work (except the hoods enclosing the jets) is of Brass, handsomely finished and Nickel Plated, thus always presenting an attractive appearance.

A Collapsible Bellows Front replaces the rigid metal or wooden front of the usual styles of Magic Lanterns, allowing full extension necessary for the various powers of the Object Glasses, yet when closed for transportation rendering the instrument extremely portable.

All needless material has been discarded, thereby effecting a great saving in weight, yet the instrument is so perfect in its proportions, and so exact in workmanship, that it is as rigid and firm as the heaviest apparatus that could be made.



PATENTED NOV. 22, 1887.

The above engraving shows the Metropolitan as packed for shipment in a handsome Leather Covered Case with Lock and Handle. No larger than many of the sample cases carried by commercial travelers; the bulk of the instrument being only $5\frac{1}{2} \times 14 \times 14$ inches, and the weight only $25\frac{1}{2}$ pounds.

The compactness and light weight of THE METROPOLITAN will commend it to any one who has traveled with an old-fashioned cumbersome apparatus.

The Oxy-Hydrogen Jets are of our finest quality, constructed on patterns which our long experience has proved to be the best, and produce an intense steady white light, without any unpleasant hissing or snapping. The Jets are enclosed in neat Sheet Iron Hoods, connected with the Condensing Lenses by Metallic Cones, thus forcing all the light through the Condensers, and at the same time preventing any from being dispersed over the hall. The Hoods are hinged at the side, allowing easy manipulation of the Lime or Jet. Each Jet is carefully tested before shipping.

The Condensing Lenses are $\frac{4}{8}$ inches diameter, plano-convex, accurately ground, and finely polished; mounted in Brass Cells, with ventilating apertures to prevent formation of moisture, and fitting securely into a collar supported on a substantial standard.

The Object Glasses are Achromatic, well corrected for Chromatic and Spherical aberration, yielding clear, sharp enlargements, free from prismatic color or distortion. There are two sets, each affording two powers, giving in all four grades of Magnifying Power, enabling the views to be enlarged to any dimensions, from 3 feet up to 30 feet, according to the distance the instrument may be placed from the screen; thus making the apparatus available in a small Parlor or Lecture Room, and in the largest Public Hall. These Object Glasses are handsomely mounted in Brass, Nickel Plated, with Rack adjustment for focus, and attached to a Standard which is connected with the rest of the apparatus by Telescopic Rods.

The Metropolitan Stereopticon is accompanied by our Patent High Pressure Dissolving Key; the only Key with which perfect dissolving effects can be obtained from Condensed Gases.

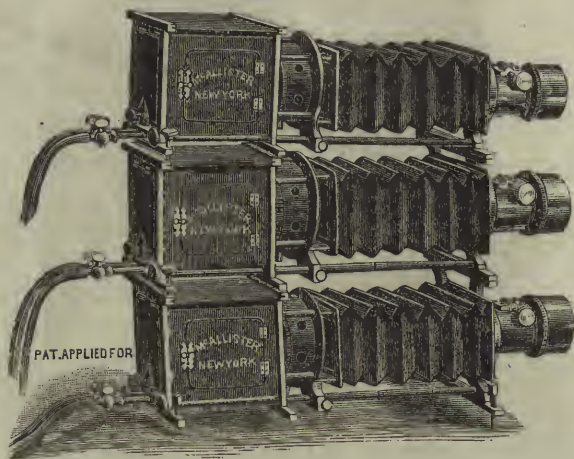
PRICES.

THE METROPOLITAN STEREOPTICON, for using Condensed Gases from Metal Cylinders; consisting of the Instrument as above described, with Patent High Pressure Dissolving Key.....\$250.00

THE METROPOLITAN STEREOPTICON, for using the Gases from Bags. Consisting of the Instrument as above described, with addition of Safety Bottles for the Jets, Oxygen Apparatus No. 700, and Hydrogen Apparatus No. 701 (see Catalogue, page 42), and with a Low Pressure Dissolving Key, in place of the High Pressure Dissolving Key.....\$325.00

GEO. H. PIERCE, PHILADELPHIA, PA.

McALLISTER'S INTERNATIONAL STEREOPTICON.



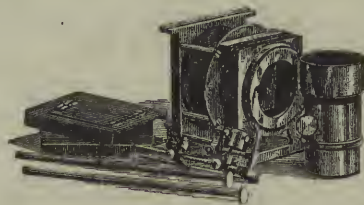
The INTERNATIONAL, as will be observed by the above engraving, is a TRIPLE OXY-HYDROGEN STEREOPTICON, of entirely different construction from any other Triple Instrument ever made; retaining all their merits, omitting their faults, and adding many points of excellence not possessed by them, thus rendering it the most desirable Triple Stereopticon.

It combines the various advantages of Convenience for Manipulation, Portability and Durability peculiar to our New Departure Apparatus, which need only to be mentioned to receive the full appreciation they deserve.

THE INTERNATIONAL TRIPLE STEREOPTICON consists of Three Lanterns placed one above the other, as shown in the engraving. There is a free current of air between each lantern, and either lantern can be elevated or depressed at pleasure, to cause the views to "register" perfectly on the screen.

With the exception of the Collapsible Bellows Front, the instrument is made entirely of Metal. The Brasswork is handsomely finished and Nickel-plated, and will always preserve a neat and cleanly appearance.

The various parts of the INTERNATIONAL are connected by Telescopic Rods and Tubes; the Hood covering each jet is made of flat metal plates about 5 inches square, fitting in grooves, which when removed for packing, make a thickness of only about one quarter of an inch.



Each Lantern when taken apart for transportation, presents the appearance given in the annexed engraving; the Condensing Lenses, Collapsible Bellows Front, and front and rear Standards being shown in the centre, the Object Glasses to the right, the Metal Plates of the Hood to the left, the Jet and Telescopic Rods, etc., in front,—all occupying a bulk of only $6\frac{1}{2}$ inches high, $6\frac{1}{4}$ inches wide, 5 inches deep. Yet, such is the simplicity and exactness of the mechanical arrangements, that the entire instrument can be put together and set up for operation in five minutes, and cannot then be excelled for stability and firmness; and the separate parts can be detached and packed in the same time.

Each Lantern is complete in itself, and can be used singly; or two can be combined; or the entire three Lanterns, as may be required.

We therefore supply **THE INTERNATIONAL** in the three forms—**TRIPLE, DOUBLE, and SINGLE**,—that each customer may have the opportunity of selecting the form that will meet his especial demands.

The Oxy-Hydrogen Jets are of our finest quality, constructed on patterns which our long experience has proved to be the best, and produce an intense, steady, white light, without any unpleasant hissing or snapping.

The Sheet Iron Hoods covering each Jet, are "light tight," forcing all the light through the Condensers, and at the same time preventing any from being dispersed over the hall. A hinged door at the side allows easy manipulation of the Lime or Jet. Each jet is carefully tested before shipping.

The Condensing Lenses are $4\frac{1}{2}$ inches diameter, Plano Convex, accurately ground, and finely polished; mounted in Brass Cells with ventilating apertures to prevent formation of moisture, and fitting securely into a collar supported on a substantial Standard.

The *Object Glasses* are *Achromatic*, well corrected for Chromatic and Spherical aberration, yielding clear, sharp enlargements free from prismatic color or distortion. There are two sets, each affording two powers, giving in all four grades of magnifying power, enabling the views to be enlarged to any dimensions from 3 feet up to 30 feet, according to the distance the instrument may be placed from the screen, thus making the apparatus available in a small parlor or lecture room, and in the largest public hall. These Object Glasses are handsomely mounted in Brass, Nickel-plated, with Rack adjustment for focus; and attached to a Standard which is connected with the rest of the apparatus by telescopic rods.

The **INTERNATIONAL**—for using Condensed Gases—in its Triple or Double form—is accompanied by our Patent High Pressure Dissolving Key, the *only* key with which perfect Dissolving effects can be obtained from the Condensed Gases.

PRICES of the INTERNATIONAL STEREOPTICON in its VARIOUS FORMS.

THE INTERNATIONAL TRIPLE STEREOPTICON, for using *Condensed Gases from Metal Cylinders*: Consisting of the Triple Instrument as described above, including Patent High Pressure Dissolving Key specially arranged so as to be used either with two of the lanterns, or with the entire Triple Instrument; weight, 40 pounds; all packed in case 7 x 10 x 23 inches **\$380.00**

THE INTERNATIONAL TRIPLE STEREOPTICON, for using the *Gases from Bags*: Consisting of the Triple Instrument as described, with addition of Safety Bottles for the Jets, Oxygen Apparatus No. 700, and Hydrogen Apparatus No. 701 (see Catalogue, page 42); and with a Low Pressure Triple Dissolving Key in place of the High Pressure Dissolving Key. All packed in case..... **\$465.00**

THE INTERNATIONAL DOUBLE STEREOPTICON, for using *Condensed Gases from Metal Cylinders*: Consisting of Two of the Lanterns as described, with Patent High Pressure Dissolving Key. Weight, 27 pounds; all packed in case 7 x 10 x 17 inches..... **\$260.00**

THE INTERNATIONAL DOUBLE STEREOPTICON, for using the *Gases from Bags*: Consisting of Two of the Lanterns as described, with addition of Safety Bottles for the Jets, Oxygen Apparatus No. 700, Hydrogen Apparatus No. 701 (see Catalogue, page 42); and with a Low Pressure Dissolving Key in place of the High Pressure Dissolving Key. All packed in case **\$335.00**

THE INTERNATIONAL MAGIC LANTERN, for using *Condensed Gases from Metal Cylinders*: Consisting of a Single International Lantern as described. Weight, 13 pounds; packed in case 6 x 7 x 10 inches..... **\$115.00**

THE INTERNATIONAL MAGIC LANTERN, for using the *Gases from Bags*: Consisting of a Single International Lantern as described, with addition of Safety Bottles for the Jets, Oxygen Apparatus No. 700, Hydrogen Apparatus No. 701 (see Catalogue, page 42). All packed in case..... **\$210.00**

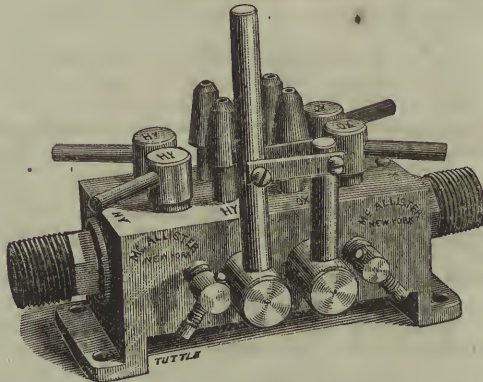
GEO. H. PIERCE, PHILADELPHIA, PA.

T. H. McALLISTER'S HIGH PRESSURE DISSOLVING KEY.

FOR USING WITH CYLINDERS OF CONDENSED GASES.

(Patented Nov. 10th, 1885.)

\$35.00



\$35.00

Price \$35.00, including substantial flexible connections and couplings to each cylinder.

IN our largest cities Oxygen and Hydrogen Gases are made on an extensive scale, and are furnished to consumers in Iron Cylinders into which they have been condensed by powerful steam force pumps, and the Convenience of these **Condensed Gases** has led to their general adoption in all places where it is possible to obtain them.

But a serious drawback to the employment of condensed gases in operating a **Dissolving View Stereopticon**, has been the impossibility heretofore experienced of regulating the flow of the gases to each jet so as to yield that uniformity of illumination on which the beauty of "Dissolving" so greatly depends. Owing to the extreme pressure with which the cylinders are charged, the gases rush out with such force that the old-fashioned *single plug* Dissolving Key cannot control them; though it answers well enough for the comparatively slight pressure used with bags. The result, therefore, of attempting to dissolve condensed gases with the old-fashioned Key, has been a *darkening of the picture* when the lever of the Key was turned to transfer the gases from one jet to the other; exceedingly unpleasant to the eyes of the audience, and entirely destroying the illusion which is the great charm of "Dissolving Views."

T. H. McAllister's High Pressure Dissolving Key effectually overcomes this difficulty; and, no matter how great the pressure may be on either gas, or on both gases, it controls the flow, so that *no darkening* is perceptible, and the pictures melt one into the other without any difference in the amount of illumination on the screen.

Old operators are well aware of the difficulty of making any two jets work exactly alike, one requiring a different adjustment of the gases from the other; and to do this when using condensed gases with a "single plug" Dissolving Key, is an impossibility. *But all this trouble is obviated by T. H. McAllister's High Pressure Dissolving Key*, which has *independent plugs for each cylinder, and for each jet*, allowing free flow, without any possibility of the gases mixing in the Key; with it each jet can be adjusted entirely independent of the other, yet so as to work in harmony with it. This adjustment can all be made hours before the exhibition if necessary, and then it will merely be required, at the proper moment, to turn on the gases at the cylinders and light up.

TRIPLE HIGH PRESSURE DISSOLVING KEY

FOR USING WITH CONDENSED GASES,

\$50.00.

Our Patent High Pressure Dissolving Key for the Two-Lantern O. H. Stereopticon, as illustrated and described on the preceding page, has been subjected to the most severe practical tests, by our most experienced operators, and has proved to accomplish its intention admirably; effecting the dissolving of Condensed Gases without that diminution in the illumination which it had previously been impossible to overcome, and, at the same time, on account of the excellence of the workmanship, its simplicity, and the convenient arrangement of its details, doing its work with certainty, and with ease of manipulation.

The introduction of our *International Triple Stereopticon* has necessitated a modification in the construction of the High Pressure Key, to render it available for the triple form of Stereopticon, and we have therefore designed the

TRIPLE HIGH-PRESSURE DISSOLVING KEY,

which, though especially intended to accompany our *International Triple Stereopticon*, can also be attached to any other Triple Stereopticon. With it the gases can be transferred at will from one of the Lanterns of a Triple Stereopticon to either of the other Lanterns, or when desired a perfect and equal illumination can be sustained in all three Lanterns at the same time; and, if required, the gases can be entirely cut off from the third Lantern, and it can then be used as in a Two-Lantern O. H. Stereopticon.

PRICE, \$50.00,

Including substantial Flexible Connections, and Couplings to each Cylinder.

CONDENSED GASES.

The use of Oxygen and Hydrogen Gases in a condensed form has been rapidly growing into favor, and the preparation of them is now so firmly established as a special business in all our largest cities, that our customers in many cases find it convenient to use them.

The gases are condensed by powerful steam force pumps into heavy metal cylinders, the smallest in general use holding 12 cubic feet, and the largest 100 cubic feet. Cylinders of 25 feet cubic capacity, about 8 inches diameter, 30 inches long, are of convenient size for ordinary exhibition purposes.

The illustration of our *Metropolitan Stereopticon*, shows two such cylinders of Condensed Gases—one of Oxygen, the other of Hydrogen.

GELATINE PLATES

FOR TRACING OUTLINE DIAGRAMS.

50 CENTS PER DOZEN.

It occasionally happens that the pictures necessary to illustrate a subject are not to be procured ready made, though engravings which are "just the thing" are to be found in a book, magazine or newspaper; yet, to photograph them on glass and prepare them for Lantern Slides may be impracticable, either because they may be needed for immediate use, or being of temporary interest, would not be worth the expense of photographing. A very simple mode of preparing outline diagrams of such engravings is by tracing them on Gelatine Plates. We have these Gelatine Plates, three and one quarter by four inches, always for sale, fifty cents per dozen (see page 46).

To make an outline diagram, lay one of these Gelatine Plates over the engraving, then go over the outlines with the point of a needle, and scratch them into the surface of the Gelatine; if necessary, shading can be added, and a neat, artistic etching is the result. This is placed between two plates of glass of same size, and introduced in the Lantern, when every scratch and mark will be found to come out on the screen as a well-defined black line.

In this way an instructor can prepare diagrams for class illustration from engravings of Botanical, Astronomical, Geological, or other scientific subjects, sections of Machines, Maps, etc.—and for family amusement, diagrams can in the same way be made from Juvenile Books, etc., thus multiplying the assortment of views at slight expense.

NEW SETS OF DISSOLVING VIEWS.

Finely Colored Photographs, 3 inches diameter.

- Good-Night.—2 slides.—No. 1, Girl with Candle; No. 2, Words Good-Night appear. Per Set, \$3.00
 Fish Story.—2 slides.—No. 1, Buying the Fish; No. 2, Telling the Story about Catching It. Per Set, 3.00
 Policeman's Luck.—2 slides.—No. 1, A Soft Snap; No. 2, A Dead Give Away. Per Set, 3.00
 Bartholdi's Statue of Liberty.—3 slides.—No. 1, Day; No. 2, Night; No. 3, Moonlight. Per Set, 4.50
 Brooklyn Bridge.—3 slides. No. 1, Day; No. 2, Night; No. 3, Moonlight. Per Set, 4.50

The following SETS OF VIEWS have been mentioned in editions of our Bulletin which are now out of print:

THE DRUNKARD'S REFORM.

6 slides. Per Set: Colored, \$9.00; Crayon, \$3.00.

- | | |
|---|--|
| 1. He squanders his hard-earned money in drink. | 4. He informs his wife of his resolve. |
| 2. His child's clothes are ridiculed; his pride is touched. | 5. His sobriety raises him to the position of foreman. |
| 3. He forms a resolution and leaves the tavern. | 6. The Happy Home of the Reformed Man. |

This Set supplies what has long been wanted—namely, a Series of Illustrations in which the possibility of reform, even with those who have sunk to the lowest depths, is made evident. A Descriptive Reading accompanies the Set, which forms a pleasantly written Temperance Tale, calculated to attract the attention of all interested in the progress of Temperance Reform.

"HOME, SWEET HOME."

4 slides. Per Set: Colored, \$6.00; Crayon, \$2.00.

- | | |
|---|---|
| 1. "Be it ever so humble,
There's no place like home." | 3. "How sweet 'tis to sit
'Neath a fond father's smile." |
| 2. "An exile from home,
Splendor dazzles in vain." | 4. "To thee I'll return,
Overburdened with care." |

The ballad of "Home, Sweet Home," was written by our countryman, John Howard Payne, in the early part of this century, and these Illustrations give some idea of the style of dress, etc., of the period.

PORTRAITS OF EMINENT PERSONS.

(Additional to those on Page 60.) In style of Crayon Uncolored Photographs, 50 cents. Fine colored, 3 inches diameter, \$1.50. Fine colored, square, on glass, 3¼x4 inches, \$2.00.

- | | |
|--|---|
| Alexander I, Czar of Russia, 1777-1825. | Kepler, Astronomer, 1571-1630. |
| Beecher, Henry Ward, 1813-1887. | Knox, Theologian, 1505-1572. |
| Bufo, Scientist, 1626-1691. | La Grange, Mathematician, 1736-1813. |
| Buffon, Naturalist, 1707-1788. | La Place, Astronomer, 1749-1827. |
| Calvin, Theologian, 1509-1564. | Linnaeus, Botanist, 1707-1778. |
| Cleveland, Mrs. Grover. | Louis XIV, King of France, 1638-1715. |
| Cuvier, Naturalist, 1769-1832. | Louis XV, " 1710-1774. |
| Da Vinci, Artist, 1452-1519. | Newton, Sir Isaac, Scientist, 1642-1727. |
| Davy, Sir Humphrey, Chemist, 1778-1829. | Priestley, Discoverer of Oxygen, 1733-1804. |
| Des Cartes, Mathematician, 1596-1650. | Ray, Botanist, 1629-1705. |
| De Staël, Madame, Authoress, 1766-1817. | Voltaire, Author, 1694-1778. |
| Galileo, Astronomer, 1564-1642. | Watt, Perfecter of the Steam Engine, 1736-1819. |
| Goethe, Poet, 1749-1832. | Wesley, Founder of Methodism, 1703-1791. |
| Harvey, Discoverer of the Circulation of the Blood, 1578-1657. | " Hamilton and Cole, Early Methodists. |

ILLUSTRATIONS OF DICKENS.

(Additional to those on Page 60.) Uncolored Crayon Photographs, 50 cents each. Fine colored Photographs, 3 in. diameter, \$1.50. Fine colored Photographs, on square glass, 3¼x4 in., \$2.00.

- | | | |
|-------------------------------------|-----------------------|---|
| Betsy Trotwood. | Peggotty. | London, Seven Dials. |
| Bob Crotchet and Tiny Tim. | Roger Riderhood. | " Lincoln's Inn Field. |
| Caleb Plummer and his Daughter. | The Two Wellers. | " Old Curiosity Shop. |
| Captain Cuttle. | Uriah Heap. | " London Bridge. |
| Dick Swiveller and the Marchioness. | Dickens' Empty Chair. | " Dickens' Grave, Westminster Abbey. |
| Little Nell and her Grandfather. | Portrait of Dickens. | Warwick Castle. |
| Micawber. | Gad's Hill, Exterior. | <i>See also List of London Panoramas in Bulletin No. 4.</i> |
| Pecksniff. | " Library. | |
| | Rochester, Panorama. | |
| | " Cathedral. | |

THE CONTESTING YACHTS OF 1887.

Uncolored Crayon Photographs, on glass, 3¼ x 4 inches. 50 cents each.

THE VOLUNTEER—The American Yacht.

THE THISTLE—The Scotch Yacht.

PHOTO-DIORAMICS.

Supplementary to the Dioramics on page 72

\$3.00 each.

All the Dioramic Slides we have heretofore supplied have been imported hand-paintings, and not delicate enough in finish to present a handsome appearance when highly magnified (especially with lime light illumination), as the unavoidable imperfections of hand-painted slides are then made too apparent to please a critical audience. Our customers are continually requesting really good slides having movements, and to meet this demand we have introduced our "Photo-Dioramics." In these the background, or scene, is, wherever possible, an actual direct Photograph from nature; where the subject does not admit of this the slides are photographed from original sketches made for the purpose, in which the details of the drawing are carefully reproduced. The coloring is done in the most artistic style, and thus the "Photo-Dioramics" have a truth and beauty unapproachable by the old hand-work process of painting the slides.

Bartholdi Liberty Statue, New York Harbor—Steamboats, Ships, etc., passing.
 White House, Washington, in 1861—Troops passing.
 Bull Run Battle Field, 1861—Soldiers and civilians in full retreat.
 Gettysburg Battle Field, 1863—Artillery moving to the front.
 Ice Bridge at Niagara—Tourists crossing the Ice Bridge.
 Prairie on Fire (from Sketch)—Horses, Buffalos, Deers, etc., rushing from the fire.
 Castle of Chillon, Lake Geneva—Latteen rigged Vessels, Boats, etc., passing.
 St. Peter's, Rome—Procession of Monks.
 Grand Canal, Venice—Gondolas, Boats, etc., passing.
 Conflagration of Moscow, 1812, (from Sketch)—Napoleon's army retreating from the city.
 Ice Bergs in the Atlantic (from Sketch)—Steamships and Sailing Vessels passing.
 Vessel on Fire at Sea—Life Boats leaving the Vessel.
 New York Bay—Vessels passing out to Sea.

NEW SET OF DISSOLVING VIEWS.

To meet the wishes of some who desire to produce weird and startling effects, we have designed

"THE CHURCHYARD REVELRY,"

in 3 slides, finely colored.

\$7.50 per set.

- Slide No. 1—Represents a Village Church and Churchyard, by day.
 " 2—The same by Moonlight. By a lever movement to the slide a skeleton raises the top of a tomb near the Church.
 " 3—Illumination of the Church, the hands of the clock in the tower pointing to the midnight hour—"The witching time of night, when churchyards yawn."
 This slide has also a lever movement, by which three skeletons arise from graves in the foreground and dance.
 ** The "Dancing Skeleton," page 67, price \$4.00, can be advantageously used in connection with this set of "The Churchyard Revelry."

THE ROCK OF AGES.

A new set of this popular closing piece, improved and enlarged, forming an attractive series of 10 views.

 **This is our finest allegorical set and is very popular.**

PRICES.

- | | | |
|---|-------------------|------------------------------|
| Finely Colored, Round, 3 inches diameter..... | \$1.50 each view, | \$15.00 per set of 10 views. |
| " " Square, on glass, 3¼ by 4 inches.... | 2.00 " " " | 20.00 " " " |
1. A rock washed by the agitated waves of the sea.
 2. A cross appears on the summit of the rock.
 3. The sky is darkened and a flash of lightning darts towards the cross.
 4. The sky brightens and a rainbow appears.
 5. A female figure, symbolizing christian faith, is seen clinging to the cross, and reaches out a helping hand to
 6. rescue a fellow creature from the raging waters.
 7. Salvation by the cross.
 8. An angelic choir welcomes the ransomed one.
 9. An angel bearing the crown, the reward of the righteous.
 10. Triumph of faith and ascension to heaven. The celestial city and the heavenly host.

NOTE.—Nos. 1, 2, 6, 9 of above constitute the abridged set of four views specified on page 66 of catalogue.

Nos. 3, 4, 7, 8 can only be made available by means of a Stereopticon or a Dissolving View apparatus.

AMERICAN SCENERY.

The following are recent additions to our line of "Places of Interest"—Uncolored Photographs, on glass $3\frac{1}{4} \times 4$ inches. 50 cents each; \$45.00 per hundred.

New York City.

Mills Building, Broad Street.
Wall St.—Instantaneous view.
Produce Exchange—Interior.
Standard Oil Co. Building.
Wells Building.
Columbia College.
Florence Apartment House.
The Dakota Flats, Central Park.
Residence of Cornelius Vanderbilt, Esq., 5th Avenue.
Elevated R.R., near the Battery.
Battery, Castle Garden and Bay, from Field Building.
Bartholdi Statue, Liberty Island.
Public School Building.
Oyster Market.
West Street Traffic and Vehicles
Canal Barges.
Dirt Barges.
North River Steamer.
North River " " Saloon.
Sound Steamer "Bristol," " "
Ocean Steamer "Etruria," "
" "City of Rome," "
" "Dining Room."
" "Saloon.

New York State Senate Building
of 1777, at Kingston, N. Y.

Watkins Glen, N. Y.

Entrance to Glen.
The Vista. "
A Matchless Scene.
Whirlwind Gorge.
High Bridge.
Pool of the Nymphs.
Eagle Cliff Falls, in Winter.
Heaton Falls, "
Sentry Falls, "
Rainbow Falls, "
Frozen Cascade, "

Gettysburg Battle Field and Vicinity.

The Stone Wall.
Spangler's Spring.
Wolf's Hill.
Ziegler's Grove.
Gen. Meade's Headquarters.
Jennie Wade's House.
Wheatfield Zook Monument.
Peach Orchard.
Entrance to National Cemetery.
Scene of Pickett's Charge.
" of Charge of Louisiana
Tigers.
Torrington Road.
Emmetsburg Road.
Railroad Cut.
Baltimore Street.
Carlisle Street.
Chambersburg Street.
Monuments to 2nd Mass. and
27th Indiana Reg'ts.
Monuments to 15th Mass. and
27th Penna. Reg'ts.
Monument to 19th Indiana Reg't.
" to 28th Penna. Reg't.
" to 95th Penna. and
140th N. Y. Reg'ts.
" to 106th Penna. Reg't.
" to 147th Penna. Vet-
eran Reg't.
" to General Reynolds.

Washington City.

House in which Lincoln died.
Seward's Residence.
Garfield Tablet in R. R. Station.
Pennsylvania Avenue.
Lafayette Square.
Bureau of Printing and Engrav-
ing.
Potomac River at Washington.
Inauguration Ceremony, March
4, 1885.
President Cleveland taking Oath
of Office.
Dedication Ceremony, Washing-
ton Monument.

Alexandria, Va.

Christ Church, in which Wash-
ington worshipped.
Old Carlisle House.

Charleston after the Earthquake.

Gas Works.
Hibernian Hall, King Street.
Bird's Oil Warehouse.
Ravenel Mansion.
Residence on East Bay Street.
East Bay Street, looking north.
View on Meeting Street.
Scene on Battery Park—High
Life in Government Tents.
Scene on Marion Square—Low
Life in all sorts of Tents.
Crater at Ten Mile Hill.
Wreck of Gen. Minott's Resi-
dence, Summerville.
Charleston Express (ox-cart).

Chicago.

La Salle Tunnel.
Lumber Exchange.
Group Indian Statuary.
Grand Pacific Hotel.
Court House.
Mich. Cent. R.R. Station.
First Nat. Bank.
Washington Park—Grand Stand
County Hospital.
The Crib, Lake Michigan.
State Street—Palmer House.
Washington Club House.
Lincoln Park—Supt's House.
Post Office.
Stock Yard Entrance.
Stock Yard—Interior.
Union Depot.
Lake Steamer.
Residence of Potter Palmer.

Cincinnati.

River and Levees.
Inclined R. R., Highland.
" Price's Hill.
" Bellevue.
Public Library.
Music Hall.
County Prison.
Suspension Bridge.
Post Office.
View "On the Rhine."
City Hospital.
Court House.
Panorama.
Grand Central Depot.

Detroit.

City Hall.
Soldiers' Memorial and Opera
House.

St. Louis.

Humboldt Statue.
Broadway.
Planters' House.
Tower Grove Park, Music Stand.
Chamber of Commerce.

St. Paul.

State Capitol.
Union Depot.
Panorama.

Minneapolis.

Suspension Bridge.
Union Depot.
City Hall.
Fillsbury Flour Mill.
Minnehaha Falls.

Yellowstone Park.

Hayden Valley.
Geyser Cave.
Mammoth Hot Springs.
Old Faithful Geyser.
Grand Geyser.

Montana.

Cattle Ranch.
Cattle Grazing.
Ascending the Rockies.

Ancient Cliff Dwellings in Arizona.

A Ruined Cliff House.
A Ruined Cave Town.
Ancient Town of Moqui.
Ruins of the Governor's Cliff
House, Moqui.

Western Scenes.

A Dakota Cow Boy, on his horse.
Road Agents attacking a Stage.
"Hands up!"
Train entering the Royal Gorge
of the Arkansas River, Col-
orado.
Garden of the Gods, Colorado;
side view of the Balanced
Rock.
Front View of Balanced Rock.
San Francisco, Cliff House and
the Golden Gate.
San Francisco, Dupont Street,
Chinatown.
San Francisco, Interior of Chi-
nese Theatre.

Southern Scenes.

St. Phillips Street, New Orleans.
Street View, Thomasville, Ga.
Freedman's Family Group.
" Log Hut.
" Ox Team.

Indian Life.

Chief Geronimo.
Navajo Indian.
Navajo Indian Boy.
Apache Squaw and Cradle.
Ute Pappoose.

Lincoln's Early Home.
Lincoln's Tomb.

The Life of Gen. Grant.

In style of FINE COLORED PHOTOGRAPHS.....\$1.50 each.
 In style of CRAYON PHOTOGRAPHS..... 50c. each.

- | | |
|---|--|
| 1 Birthplace of Gen. Grant, Point Pleasant, Ohio, April 27, 1822. | 18 U. S. Capitol. |
| 2 Lieut. Grant at Chapultepec, 1847. | 19 The White House—Exterior. |
| 3 Capt. Grant leaving his Home at Galena to join the Army, 1861. | 20 The White House—Interior. |
| 4 Gen. Grant at Battle of Fort Donelson, 1862. | 21 Pyramid of Egypt, visited by Gen. Grant on his tour around the world, 1878. |
| 5 Charge of Gen. Grant at Battle of Shiloh, 1862 | 22 Gen. Grant revising his Memoirs, 1885. |
| 6 Battle of Pittsburg Landing, (Shiloh, second day) 1862. | 23 Cottage at Mt. McGregor—Exterior. |
| 7 Siege of Vicksburg, 1863. | 24 Cottage at Mt. McGregor—Interior. |
| 8 Gen. Grant's Triumphal Entry into Vicksburg, July 4, 1863. | 25 Gen. Grant's Last Ride, 1885. |
| 9 Battle of Lookout Mountain, 1863. | 26 The Last Message, 1885. |
| 10 Battle of the Wilderness, 1864. | 27 Family Group, 1885. |
| 11 Gen. Grant on Horseback at the Battle of the Wilderness, 1864. | 28 Deathbed of Gen. Grant, July 23, 1885. |
| 12 Siege of Petersburg, 1864. | 29 U. S. Troops Guarding the Cottage. |
| 13 Gen. Grant's Headquarters, Petersburg. | 30 Gen. Grant's body lying in State, N. Y. City Hall, August 6-7, 1885. |
| 14 Surrender of Lee, 1865. | 31 The Funeral Procession, Aug. 8, 1885. |
| 15 Portrait of Gen. Grant, 1865. | 32 The Funeral Car. |
| 16 Portrait of Gen. R. E. Lee. | 33 The Tomb, Riverside Park, N. Y. |
| 17 Presidential Inauguration, 1869. | 34 Allegorical Picture, "Let us have Peace." |
| | 35 The Great Triumvirate, Washington, Lincoln, Grant. |
| | 36 Portrait of Gen. Grant, 1885. |

THE GRANT CHROMATROPE ; a likeness of the departed warrior, in the centre of a revolving display of brilliant colors..... \$3.75
THE COUNCIL OF WAR; a fine piece of Statuary, by John Rogers, the celebrated American Sculptor, showing Gen. Grant, President Lincoln, and Secretary of War Stanton, in consultation..... 75c.

Many additional illustrations referring to General Grant's movements during the Civil War will be found among the views of U. S. History on page 56, while a very interesting series, descriptive of his tour around the world, can be selected from our extensive lists of uncolored Photographic Views of "Places of Interest."

FACIAL EXPRESSIONS.

A new line of humorous slides, of superior execution, showing the play of features under diverse circumstances. These are all Photographed from fine originals and are finished in three styles, as follows:—

- | | |
|---|--------|
| Finely colored, with movement to the eyes, each mounted in slide, 4 by 7 inches..... | \$2.00 |
| Finely colored, without movement to eyes, on glass plate 3¼ inches square, with protecting cover glass..... | \$1.25 |
| Uncolored, without movement to eyes, on glass plate 3¼ inches square, with protecting cover glass..... | 0.50 |

- | | | |
|--------------------------|--------------------------------|---|
| No. | No. | No. |
| 1—The Mellow Pear. | 5—The Dose of Medicine. | 10—Dissection — clipping the fly's wings. |
| 2—A Good Taste. | 6—A Fine Segar | 11—The French Clown. |
| 3—A Good Chop. | 7—A Pinch of Snuff. | 12—Uncle Tom. |
| 4—The Good Glass of Wine | 8—Irritation—confound that fly | |
| | 9—Disgust—a bad piece of salad | |

POPULAR HYMNS.

UNCOLORED PHOTOGRAPHS, each on square glass, 3¼x4 inches, with protecting cover glass. 50 cents each.

- | | | |
|-------------------------------------|---------------------------------|--------------------------------|
| Almost Persuaded. | From Greenland's Icy Mountains. | Rock of Ages. |
| America. | Glorious Pilgrimage. | Safe in the Arms of Jesus. |
| Apostles' Creed. | Hold the Fort. | Sorrow at the Cross. |
| Auld Lang Syne. | Home Again. | Spacious Firmament on High. |
| Beautiful River. | Jerusalem the Golden. | Sweet By and By. |
| Beulah Land. | Jesus of Nazareth passeth by. | Sweet Hour of Prayer. |
| Bringing in the Sheaves. | Lord's Prayer. | Ten Commandments. |
| Birth of Christ. | Nearer, my God, to Thee. | The Home over There. |
| Calm on the Listening Ear of Night. | Ninety and Nine. | Trusting Pilgrim. |
| Children of the Heavenly King. | Onward, Christian Soldiers. | Water of Life. |
| Coronation. | Pull for the Shore. | What a Friend we have in Jesus |
| Doxology. | Rescue the Perishing. | What shall the Harvest be ? |
| | Ring the Bells of Heaven. | While Shepherds Watched, |
| | | Work, for the Night is Coming. |

Wedding Bells.

10 Views, with Poem. \$5.00.

- | | | |
|--|--|--|
| 1. And they turned to gaze on the fair young face. | 4. But they woke her not, she slumbered on. | 7. Why does he totter, then quicken his pace. |
| 2. And the weary feet still kept on the road. | 5. Strewing the path of the village street. | 8. Drink and be merry, merry and glad. |
| 3. And the village was gay for a holiday. | 6. As the bride passes on through the fraol bower. | 9. In the gloom of night, from the tombstone grey. |
| | | 10. The Vision. |

Billy's Rose.

Illustrated by Life Models.

10 Views, with Poem, by G. R. Sims. \$5.00.

- | | | |
|---|---|---|
| 1. A vile and filthy alley. | 4. A drunken father's curses, and a drunken mother's blows. | 7. Then she knelt her down and prayed. |
| 2. She felt his wasted fingers lighten. | 5. I can see them there with Jesus. | 8. Nell frozen with the red Rose in her hand. |
| 3. I can see them there with Jesus. | 6. He told me that the pretty name was Rose. | 9. The Rose fell at Nelly's feet. |
| | | 10. The children meet in heaven. |

Mary, the Maid of the Inn.

Illustrated by Life Models.

10 Views, with Poem. \$5.00.

- | | | |
|---------------------------------------|--|-------------------------------------|
| 1. Who is she? The poor maniac. | 4. 'Tis pleasant seated by the fireside. | 8. Behind a wide column she crept. |
| 2. She welcomed them in with a smile. | 5. I'll wager a dinner, one cried. | 9. Exhausted she sank on the floor. |
| 3. She loved young Richard. | 6. Her way to the Abbey she bent | 10. His gibbet is now to be seen. |
| | 7. And hastily gathered the bough. | |

The Women of Mumbles Head.

Illustrated by Life Models.

8 Views, with Poem. \$4.00.

- | | | |
|--|---|---|
| 1. You have sailed your yacht in the summer. | 4. But father and sons were fighting death. | 7. "Come back!" said the three strong soldiers. |
| 2. There was news of a wreck. | 5. Up at a lighthouse window. | 8. They caught and saved a brother alive. |
| 3. He stood like a man at the rudder. | 6. Into the sea they went! | |

Kate Maloney.

Illustrated by Life Models.

6 Views, with Poem, by G. R. Sims. \$3.00.

- | | | |
|--|------------------------------------|---|
| 1. Kate lay nigh dying on the floor. | 3. She scanned the open country. | 5. Here, O Heaven, let me die. |
| 2. He was there, he heard him breathing. | 4. Then she shot the traitor dead. | 6. Still, the peasants show the lonely mountain side. |

Curfew Must Not Ring To-night.

Illustrated by Life Models.

9 Views, with Poem. \$4.50.

- | | | |
|---------------------------------------|---|-------------------------------------|
| 1. Bessie and the Sexton. | 5. She sprang within the old Church door. | 7. "Out she swung, far out." |
| 2. "I've a lover in that prison." | 6. "She had reached the topmost ladder." | 8. Firmly on the dark old ladder. |
| 3. "Bessie," calmly spoke the Sexton. | | 9. At his feet she tells her story. |
| 4. "Bessie made a solemn vow." | | |

Little Jim, the Collier Boy.

Illustrated by Life Models.

6 Views, with Lecture. \$3.00.

- | | | |
|--|--|-----------------------------------|
| 1. The cottage was a thatched one. | 3. With gentle, trembling haste, she held. | 5. He knew that all was over. |
| 2. With hands uplifted, see, she kneels. | 4. The cottage door was opened. | 6. His quivering lips gave token. |

The Gin Fiend.

Illustrated by Life Models.

4 Views, with Lecture. \$2.00.

- | | | |
|--------------------|-----------------|----------------|
| 1. The Gin Palace. | 2. The Suicide. | 4. Turned Out. |
| | 3. The Murder. | |

HISTORICAL VIEWS.

Supplementary to those on page 57.

50 cents each, Uncolored Crayon Photographs, on glass, 3½ x 4 inches, unframed.

\$1.50 each, Fine Colored, on glass 3 inches diameter, in frame 4 x 7 inches.

\$2.00 each, Fine Colored, on glass, 3½ x 4 inches square, uniform in size with the Crayon Photographs; and in Neat Metal Frame.

FRENCH HISTORY.

Death of a renowned Chief of the Gauls.
Baptism of Clovis, 496.
Charlemagne Crowned Emperor, 800.
Philip Augustus at Bovines, 1214.
Joan of Arc fighting for France, 1429.
Louis XI. demanding Life of Francois.
Louis I. a Prisoner at Madrid, 1525.
Huguenots escaping from the Massacre of St. Bartholomew, 1572.
Henry III. at Fete of St. Luc.
Assassination of the Duke of Guise, 1588.
Henry IV. enters Paris, 1594.
Henry IV. and La Belle Fosseuse.
Cardinal Richelieu and Cinq Mars.
Anne of Austria showing the Prince to the Mob, 1651.
Death of Cardinal Mazarin, 1661.

Louis XIV. and La Valliere.
Louis XIV. founds the Hotel des Invalides.
Reception of the Great Conde by Louis XIV.
Moliere at the Court of Louis XIV.
Louis XV. at the Battle of Fontenoy, 1745.
Voltaire's Last Visit to Paris, 1778.
Rouget de Lisle Chanting the Marseillaise, 1792.
Last Moments of Robespierre, 1794.
Paris during the Reign of Terror.
Girondists on the Way to Execution.
Luxembourg Gardens under the Directory.
Napoleon at the Bridge of Lodi.
Napoleon at Battle of Bassand.
Napoleon at Battle of Friedland.
Napoleon and Son.
Apotheosis of Napoleon.

ENGLISH HISTORY.

Princess Elizabeth in Prison at St. James.
Shakespeare at the Court of Queen Elizabeth.
Surrender of Mary Stuart, 1567.
Interview between Mary Stuart and Queen Elizabeth.
Elizabeth signing the Death Warrant of Mary Stuart, 1587.
Mary Stuart Led to Execution, 1587.
Trial of Earl Strafford, 1641.

Charles I. at the Battle of Edge Hill, 1642.
Trial of Charles I., 1649.
Charles I. on his way to Execution, 1649.
Cromwell and Family at Hampton Court.
Acquittal of the Seven Bishops, 1688.
Death of Nelson at Trafalgar, 1805.
Battle of Waterloo, 1815.
Balaklava, Return of the Six Hundred, 1854.

Charles V. entering Antwerp.
First Reformers' Protest.
Columbus at the Court of Ferdinand and Isabella.
Escape of the Huguenots.

Baptism of Pocahontas.
Franklin at the Court of St. James.
Franklin at the French Court.
Washington Entering New York.

NEW DISSOLVING SETS.

These are all selected from our "COLORED SCENERIES," the views being direct Photographs, and therefore truthful in every detail; the coloring is in our SUPERIOR STYLE, and the dissolving effects are well managed.

These views are on square glass, 3½ x 4 inches, mounted separately in a Neat Frame, 4 x 7 inches.

- Canterbury Cathedral, England; 2 slides; Exterior, Interior per set, \$4.00
- The Meeting of the Waters, Killarney, Ireland; a beautiful view of this romantic glen; 2 slides; Day, Moonlight per set, \$4.00
- Balmoral Castle, Scotland; the Highland Residence of Queen Victoria; 2 slides; Day, Moonlight per set, \$4.00
- Cathedral of Notre Dame, Paris; 2 slides; Day, Moonlight per set, \$4.00
- Cathedral of Cologne; 2 slides; Day, Moonlight per set, \$4.00
- Cathedral of St. Peter's, Rome; 3 slides; Day, Moonlight, Illumination per set, \$5.50
- The Court of Lions, Palace of the Alhambra, Spain; 2 slides; Day, Moonlight per set, \$4.00
- The Matterhorn Mountain, Switzerland; 2 slides; Day, Moonlight per set, \$4.00
- Ruins of Egyptian Temple on the Isle of Philae; 2 slides; Day, Moonlight per set, \$4.00
- Bethlehem, the Birthplace of Christ; 2 slides; Day, Moonlight per set, \$4.00
- United States Capitol, Washington, D. C.; 3 slides; Day, Moonlight, Illumination per set, \$5.50
- Train on the Elevated Railroad, New York City; 2 slides; Day, Moonlight per set, \$4.00

FOREIGN VIEWS.

*Supplementary to our Views of "Places of Interest."
From Recent Negatives.*

Uncolored Photographs, on glass, 3½ x 4 inches, with Protecting Cover glass.
50 cents each, \$45.00 per 100.

Russia.

Archangel—House of Peter the Great.
" Cathedral.
" Street View.
" A Store.
" A Peasant's Dwelling.
Russian Drosky Carriage.
Russian Dairy Maid and Cow.
Russian Peasant and Family,
Group of Russian Gypsies.

Brazil.

Street in the City of Para.
Avenue of Palms do.
Hotel do.
Governor's Palace do.
Palm Trees on Banks of the Amazon.
Cactus on do. do.
Banana Plantation.
An Apy Tree.
Bread Fruit Tree.
Sedan Chair (Calecta).
Slave Woman, with Turban.
" with Child on Back.
Slave Straw Hat Maker.
An Ant Hill.

Uruguay.

Foundling Hospital, Montevideo.
Patio Hotel de la Pai.
Panadero, or Baker, delivering Bread, Montevideo.

Patagonia.

The Santa Cruz River.
Bluff at the Mouth of Santa Cruz River.

Keel Point, Santa Cruz River.
Rocky Coast, Mouth of Santa Cruz River.

West Indies.

Dominica—Government House.
" Boiling Lake.
" Carib Kitchen.
" Two Old Caribs.
Martinique—The Quay.
" Birthplace of Josephine.
" Home of Josephine.
" Statue of Josephine
" A Mulatress.
" An Octoroon.
" A Quadroon.
" A Mulatto.

Cocoanut Island.
Sugar Plantation, Tobago.
English Harbor Antigua.

Canada.

Montreal—Panorama.
" River Front.
" St. Lawrence Steamer.
Quebec—Panorama from Point Levi.
" Point Levi from Dufferin Terrace.
" Dufferin Terrace.
" Laval University.
Hamilton—Panorama.

Sleighing Scene.
Maple Sugar Camp.

Group of Indians.
Iroquois in Canoe.

CRAYON PHOTOGRAPHS OF COMIC SUBJECTS.

Supplementary to those on page 76.

Uncolored, on glass, 3½ x 4 inches, with Protecting Cover glass. 50 cents each.

'Morrow, Paddy! where are you goin' wid the Pigs?' "Whist! ye divil! They'll hear ye; it's to Cork I'm goin', but its Kinsale they think I'm takin' thim to!"
Paddy makin' Love.
A Tipperary Boy going a-courtin', little dhramin' that a Kerry Man was there afore him!
"Well, Pat, which will you take, Tea or Whiskey?" "Bedad, I likes the Tay, but it don't agree wid me, so if it's convaynient I'll thry the Sperits!"

The Rael Convaynience of Single Life—No. 1.
The Onconvaynience of Married Life—No. 2.
Who dare stand on the Tail ov me Coat.
Arkansas Traveller—No. 1.
" No. 2.
Approaching Storm—No. 1.
" No. 2 (struck by cyclone).
Hug me Closer, George.
Thou hast learned to love another.
The Harvest, what shall it be.
Good Bye, Sweet Heart, Good Bye.
The Little Busy Bee, How doth he.
Excellent Hunting for the Indians.

NEW MECHANICAL SLIDES.

Supplementary to those on page 67.

Ocean Steamer, with Rack Work Movement, showing the Pitching of the Vessel, and the Motion of the Water. Each, \$7.50.

We have a variety of these "Ocean Steamers," representing the Principal Steamers of the New York lines. These are Photographs of the Vessels, made from accurate engravings, and appropriately colored. Each view is three inches diameter, mounted in frame, 4 x 7 inches.—The Steamer is on one glass, the Wave Motion on another, and the Sky Background on a third, and the Movement of the Steamer and the Waves is effected by turning slowly the handle of the Rack.—One of these "Ocean Steamers" makes an attractive opening piece for a Lecture illustrative of Foreign Travel.

SILHOUETTES.



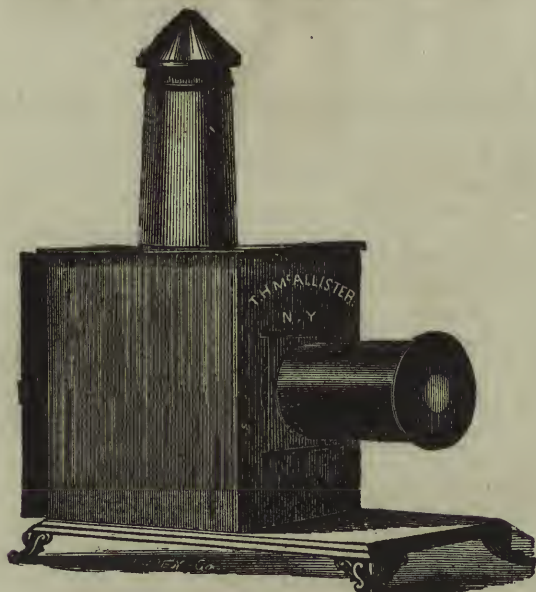
A new, cheap style of COMIC VIEWS, of our exclusive manufacture. The designs are original and pleasing, and the price being so low they have proved very saleable. The figures are painted with bold outlines, filled in with black, and show well in any Lantern.

Each Silhouette is on glass, $3\frac{1}{4} \times 4$ inches square, with protecting cover glass. Price 30 cents each, \$3.00 per dozen.

The assortment comprises about 500 varieties, among which are the following :

- | | | |
|---|---------------------------------------|-------------------------------------|
| 1 Mine Host of the Silver Flagon. | 51 A Sandwich Island Clam-bake. | 99 Mrs. Mac Sweeney |
| 2 Country Kitchen. | 52 Scratch my Back. | 100 A Pasha of Many Tales. |
| 3 Preparing a Beefsteak. | 53 High Life in the Cannibal Islands. | 101 Jacob Faithful. |
| 4 Happy Switzer. | 54 A perfect Adonis. | 102 Dombey & Son. |
| 5 Travelling Musician. | 55 Bear and For-bear. | 103 How Can I Leave Thee. |
| 6 Pigeon Pie. | 56 A Jersey Tramp. | 104 The Woman in Black. |
| 7 A Dry Customer. | 57 Wandering Jews. | 105 A Sleeping Beauty. |
| 8 Inspired Musicians. | 58 Apollo Belvidere. | 106 The Horse Trade. |
| 9 Signor Blowhard. | 59 Ass me no Questions. | 107 Champion Skater. |
| 10 Out All Night. | 60 Three Graces. | 108 The Enthusiastic Botanist. |
| 11 A Tempest in a Beer Pot. | 61 Pilgrims of the Rhine. | 109 An Intruder. |
| 12 Bumble the Beadle. | 62 The Light of Other Days. | 110 Midnight Marauder. |
| 13 Hans Breitman. | 63 The Happy Farmer. | 111 The Two Puppies. |
| 14 Preparing for a Masquerade. | 64 The Serenade. | 112 Stanley in Africa. |
| 15 Sir Bock. | 65 A Penny-a-liner. | 113 Courtship in Sleepy Hollow. |
| 16 Lobster Sauce. | 66 The Old Sexton. | 114 Lion. |
| 17 Don Quixote. | 67 A Five-cent Shave. | 115 Elephant. |
| 18 A Family of Tumblers. | 68 Wearing of the Black. | 116 Stag. |
| 19 Gulliver and the Lilliputs. | 69 French Dancing Master, No. 1. | 117 Horse. |
| 20 A Full Dress Promenade. | 70 French Dancing Master, No. 2. | 118 Dog. |
| 21 Mark Twain in the Holy Land. | 71 Belle's of the Ball. | 119 The Racer. |
| 22 A Big Boar. | 72 Scotch or Irish (Whiskey). | 120 Interview with Bony Part. |
| 23 Bill Posters. | 73 A Waiter at Saratoga-Soup, Sir? | 121 The Grand Trunk. |
| 24 Bicycle Rider. | 74 A Waiter at Saratoga—Game, Sir? | 122 Pussy Prima Donna. |
| 25 Order of Full Moon. | 75 A Waiter at Saratoga—Roast, Sir? | 123 Midsummer Night's Dream. |
| 26 The Equestrian. | 76 A Challenge Dance. | 124 The Lone Fisherman. |
| 27 Crowning him. | 77 All Broke up. | 125 Th Funny Story. |
| 28 Preparing for Conquest. | 78 Too much Physic. | 126 John Chinaman. |
| 29 High Art. | 79 Checkmate. | 127 The Dancers. |
| 30 French Cook's Ball. | 80 Spri gChicken's Year, 1801. | 128 Sportsman—Cocked and Primed. |
| 31 Tea and Gossip. | 81 The Gossips. | 129 Sportsman—Shooting on the Wing. |
| 32 Chinese Schoolmaster. | 82 Fagin the Jew. | 130 Sportsman—Dead Shot. |
| 33 An Artist in China. | 83 A Musical Coffee Grinder. | 131 Higher than a Kite. |
| 34 China Rose. | 84 Lord Mayor of London. | 132 Poor Devil on Two Sticks. |
| 35 Chinese Mustache well Waxed. | 85 Major De Boots. | 133 End of the Tale. |
| 36 Chinese Horn Pipe. | 86 Dick Deadeye. | 134 Visit to the Quack. |
| 37 Animated Tea Pot. | 87 The Cobbler's Sweat-stone. | 135 The two Orphans. |
| 38 Bock on the Warpath. | 88 Japhat in search of a Father. | 136 Paddy and the Pigs. |
| 39 A Fighting Cock. | 89 A Swel Glass of Bier. | 137 In his Father's Shoes. |
| 40 A Ramro (a) d. | 90 Our Friend from the West. | 138 Eclipsed by the Sun. |
| 41 Gathering Ostrich Feathers. | 91 A Travelling Parson. | 139 The Light of other Days. |
| 42 Sancho Pansa. | 92 A Royal Good Time. | 140 The Morning Call. |
| 43 A Member of the Ku Klux Clan. | 93 Off for the las Train. | 141 Ghost of a Frog. |
| 44 The Belle of our Town, from Life. | 94 Look out for the Locomotive. | 142 When shall we three Meet Again. |
| 45 Romeo. | 95 He did Trot in 2:20. | 143 How to make Money. |
| 46 Diogenes. | 96 Our Professor. | 144 After a Cuck Tail. |
| 47 Othello, or the Mo (o) re the Merrier. | 97 The Fend. | 145 The tight Boot. |
| 48 Haytian Doctor. | 98 Our Crack Penman. | 146 The hanging of the Crane. |
| 49 Beautiful Oil of the Sea. | | 147 Old Clothes Man. |
| 50 A Life on the Ocean Wave. | | 148 Street Musician. |
| | | 149 The Mulligan Guards. |
| | | 150 All the Style. |

\$50.00 OUTFITS.



Each Outfit consists of the **CABINET MAGIC LANTERN No. 670** (for full description of which see. Catalogue, page 38), **SCREEN, COMBINATION CARRIER**, and a carefully selected assortment of **INTERESTING VIEWS**.

These **FIFTY DOLLAR OUTFITS** are designed to accommodate those desiring to make an economical investment, and have proved very satisfactory; being especially adapted for exhibitions in School-houses, Parlors, etc.

A **LIST OF 12 OUTFITS** is annexed, by which it will be observed that the assortment of views in each outfit is different, thus meeting the requirements of all parties; and a *Printed Description* accompanies those Views in each Outfit which especially require it.

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With Phantasmagoria Magic Lantern No. 650.....	\$80.00
“ “ “ 651.....	75.00
“ “ “ 652.....	65.00
“ “ “ 653.....	60.00

(OVER)

\$50.00 OUTFIT No. 1.

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VIEWS.

- 30 Uncolored Photos: Places of Interest, United States, with descriptive reading.
24 " " " " Foreign, " "
12 Comic, with Life-like Motion; colored.
2 Fine Colored Photographic, Artistic Gems.
6 New Style Silhouettes, Comic.
1 Geometrical Chromatropé.
-

\$50.00 OUTFIT No. 2.

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Combination Carrier No. 711.

VIEWS.

- 12 Crayon Photos: Old Testament, with descriptive reading.
12 " " New Testament, " "
18 " " U. S. History, " "
24 French Slides, colored; Fairy Tales, Comic, etc.
12 Comic, with Life-like Motion; colored.
12 New Style Silhouettes, Comic.
1 Geometrical Chromatropé.
-

\$50.00 OUTFIT No. 3.

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VIEWS.

- 10 Uncolored Photos: Places of Interest, Washington City, with descriptive reading.
12 " " " " London, " "
12 " " " " Rome, " "
24 Comic, with Life-like Motion; colored.
2 Fine Colored Photographic, Artistic Gems.
12 New Style Silhouettes, Comic.
2 Crayon Mottos: "Welcome," "Good Night."
1 Geometrical Chromatropé.
-

\$50.00 OUTFIT No. 4.

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Combination Carrier No. 711.

VIEWS.

- 8 Uncolored Photos: Places of Interest, United States, with descriptive reading.
8 " " " " Foreign, " "
6 Crayon Photos: Illustrations of Dickens' Novels.
2 " " Irish Characters.
12 Comic, with Life-like Motion; colored.
6 Fine Colored Photographic, Artistic Gems.
24 French Slides, colored; Fairy Tales, Comic, etc.
12 New Style Silhouettes, Comic.
1 Geometrical Chromatropé.

\$50.00 OUTFIT No. 5.

Cabinet Magic Lantern No. 670.

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Combination Carrier No. 711.

VIEWS.

20 Crayon Photos : Astronomy, with descriptive reading.

8 " " Old Testament, " "

8 " " New Testament, " "

12 " " U. S. History, " "

8 " " Roman Antiquities, " "

12 Comic, with Life-like Motion; colored.

12 New Style Silhouettes, Comic.

1 Good Night Chromatropé.

\$50.00 OUTFIT No. 6.

Cabinet Magic Lantern No. 670.

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Combination Carrier No. 711.

VIEWS.

12 Uncolored Photos : Places of Interest, United States, with descriptive reading.

12 " " " " Ireland, " "

10 " " " " Switzerland, " "

4 Fine Colored Photographic, Life's Eventful Voyage.

6 " " The Ill-fated Ship.

6 Comic, with Life-like Motion; colored.

12 New Style Silhouettes, Comic.

1 Good Night Chromatropé.

\$50.00 OUTFIT No. 7.

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Combination Carrier No. 711.

VIEWS.

12 Uncolored Photos : Places of Interest, United States, with descriptive reading.

12 " " " " Foreign, " "

12 Crayon Photos : U. S. History, with descriptive reading.

3 " " Statuary.

1 Fine Colored Photographic : Portrait of Washington.

12 Comic, with Life-like Motion; colored.

24 French Slides, colored; Fairy Tales, Comic, etc.

12 New Style Silhouettes, Comic.

1 Geometrical Chromatropé.

\$50.00 OUTFIT No. 8.

Cabinet Magic Lantern No. 670.

Screen, 1st quality, $7\frac{1}{2}$ feet square.

Combination Carrier No. 711.

VIEWS.

8 Uncolored Photos : Places of Interest, United States, with descriptive reading.

8 " " " " Foreign, " "

1 Fine Colored Photographic, Washington Crossing the Delaware.

1 " " Portrait General Grant.

36 Comic, with Life-like Motion; colored.

20 New Style Silhouettes, Comic.

1 Good Night Chromatropé.

\$50.00 OUTFIT No. 9.

Cabinet Magic Lantern No. 670.
Screen, 1st quality, $7\frac{1}{2}$ feet square.
Combination Carrier No. 711.

VIEWS.

- 12 Crayon Photos: Pilgrim's Progress, with descriptive reading.
 - 12 " " Uncle Tom's Cabin, " "
 - 8 " " The Bottle, by Cruikshanks, with descriptive reading.
 - 4 Fine Colored Photographic: The Way of Salvation.
 - 24 Comic, with Life-like Motion: colored.
 - 20 New Style Silhouettes
-

\$50.00 OUTFIT No. 10.

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Screen, 1st quality, $7\frac{1}{2}$ feet square.
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VIEWS.

- 4 Crayon Photos: Visit from Santa Claus; with descriptive poem.
 - 4 " " How Persimmons took care of the Baby; descriptive poem.
 - 4 " " A Leap for Life; descriptive poem.
 - 4 Fine Colored Photographic, Artistic Gems.
 - 24 Comic, with Life-like Motion; colored.
 - 24 French Slides, colored; Fairy Tales, Comic, etc.
 - 12 New Style Silhouettes, Comic.
 - 1 Good Night Chromatrope.
-

\$50.00 OUTFIT No. 11.

Cabinet Magic Lantern No. 670.
Screen, 1st quality, $7\frac{1}{2}$ feet square.
Combination Carrier No. 711.

VIEWS.

- 20 Uncolored Photos: Holy Land, with descriptive reading.
 - 18 Crayon Photos: Old Testament, " "
 - 18 " " New Testament, " "
 - 12 Comic, with Life-like Motion; colored.
 - 12 New Style Silhouettes, Comic.
 - 1 Good Night Chromatrope.
-

\$50.00 OUTFIT No. 12.

Cabinet Magic Lantern No. 670.
Screen, 1st quality, $7\frac{1}{2}$ feet square.
Combination Carrier No. 711.

VIEWS.

- 60 Uncolored Photos: Places of Interest, embracing views of New York, Washington City, Chicago, San Francisco, Niagara, etc.; also London, Paris, Berlin, Venice, Rome, Constantinople, Jerusalem, etc., etc.; with descriptive lecture.
- 6 Crayon Photos: Statuary.
- 10 Comic, with Life-like Motion; colored.
- 12 New Style Silhouettes, Comic.

\$25.00 OUTFITS.

McALLISTER,

Manufacturing Optician,

49 NASSAU STREET,

NEW YORK.

Our Catalogue of Magic Lanterns and Views sent free on application.

The following “\$25.00 OUTFITS” are intended to meet the demand for a cheap outfit of Magic Lanterns and Views, for the amusement of the Family Circle, Exhibitions in Schools, etc.

Full description of the CABINET MAGIC LANTERN, and detailed Lists of the various styles of Views will be found in our Catalogue.

A \$25.00 OUTFIT. **A**

The Cabinet Magic Lantern.

- 24 Crayon Photographic Views of Old Testament History.
- 6 Crayon Photographic Views, Holy Land.
- 1 Movable “Good Night” Slide.
- 6 New Style Silhouette Views.
Combination Carrier.

B \$25.00 OUTFIT. **B**

The Cabinet Magic Lantern.

- 16 Crayon Photographic Views,
The Life of Christ.
- 10 Crayon Photographic Views, Holy Land.
- 1 Geometrical Chromatope.
• Combination Carrier.

C \$25.00 OUTFIT. **C**

The Cabinet Magic Lantern.

- 12 Crayon Photographic Views of Old Testament History.
- 8 Crayon Photographic Views,
The Life of Christ.
- 10 Uncolored Views, Holy Land.
- 6 New Style Silhouette Views.
Combination Carrier.

D \$25.00 OUTFIT. **D**

The Cabinet Magic Lantern.

- 18 Crayon Photographic Views of Astronomy, with printed Lecture.
- 12 Crayon Photographic Views of Anatomy, with printed Lecture.
- 12 New Style Silhouette Views.
Combination Carrier.

[OVER]

E \$25.00 OUTFIT. E

The Cabinet Magic Lantern.

26 Comic Views, colored, with Life Like Motion.

Combination Carrier.

F \$25.00 OUTFIT. F

The Cabinet Magic Lantern.

6 Crayon Transparencies, Comic.

6 " " Miscellaneous.

6 Crayon Transparencies, U.S. History

6 " " Portraits.

6 " " Statuary.

1 Movable "Good Night" Slide.

1 New Style Silhouette Views.

Combination Carrier.

G \$25.00 OUTFIT. G

The Cabinet Magic Lantern.

36 French Slides, Comic, Fairy Tales, etc.; each $3\frac{1}{2}$ inches wide, 12 inches long, with numerous figures on each slide

6 Uncolored Views, New York City.

2 Comic Views, colored, with Life Like Motion.

2 New Style Silhouette Views.

Combination Carrier.

H \$25.00 OUTFIT. H

The Cabinet Magic Lantern.

12 French Slides, each $3\frac{1}{2}$ inches wide, 12 inches long; Comic, Fairy Tales, etc.

10 Crayon Transparencies, assorted subjects,

6 Comic Views, colored, with Life Like Motion.

1 Geometrical Chromatope.

4 New Style Silhouette Views.

Combination Carrier.

I \$25.00 OUTFIT. I

The Cabinet Magic Lantern.

24 French Slides, each $3\frac{1}{2}$ inches wide, 12 inches long; Comic, Fairy Tales, etc.

12 Comic Views, colored, with Life Like Motion.

Combination Carrier.

J \$25.00 OUTFIT. J

The Cabinet Magic Lantern.

12 Crayon Views, Pilgrim's Progress, with reading.

12 Crayon Views, Uncle Tom's Cabin, with reading.

6 Comic Views, Colored, with life-like motion.

6 New Style Silhouette Views.

Combination Carrier.

K \$25.00 OUTFIT. K

The Cabinet Magic Lantern.

6 Uncolored Views American Scenery.

6 " " Foreign "

6 Comic Views, colored, with Life Like Motion.

12 French Slides, each $3\frac{1}{2}$ inches wide, 12 inches long; Comic, Fairy Tales, etc.

12 New Style Silhouette Views.

Combination Carrier.

L \$25.00 OUTFIT. L

The Cabinet Magic Lantern.

3 Crayon Photographic Views, Portraits.

6 Crayon Photographic Views, Comic.

6 Uncolored Views, New York City.

3 " " Washington City.

3 " " Niagara.

12 French Slides, each $3\frac{1}{2}$ inches wide, 12 inches long; Comic, Fairy Tales, etc.

1 Fine Colored Photographic View, Artistic Gem.

1 Movable "Good Night" Slide.

6 New Style Silhouette Views.

Combination Carrier.

[OVER]

GEO. H. PIERCE, PHILADELPHIA, PA.

POPULAR STORIES, NURSERY TALES, etc.

In Sets of 12 Slides,

Price, \$4.00 per Set.

On glass slides 3¼ inches wide, 12 inches long, with a number of colored pictures on each slide; cheap, and finished in as good style as the subjects warrant; especially adapted for the Cabinet Magic Lantern, or the Phantasmagoria Magic Lanterns.

The Combination Carrier, No. 711, affords the best mode of holding them in position while in the Lantern, allowing them to be passed slowly along, making a series of Panoramic Views on the Screen.

The following list comprises the assortment generally on hand :

Robinson Crusoe, 12 slides.	Paul and Virginia, 9 slides, }	Red Riding Hood, 6 slides, }
Aladdin, or the Wonderful Lamp, 12 slides.	Miscellaneous, 3 " "	Miscellaneous, 6 " "
Gulliver's Travels, 12 slides.	Hop o' my Thumb, 8 slides, }	Ali Baba, 6 slides, }
Spanish Bull Fights, 12 slides.	Miscellaneous, 4 " "	Miscellaneous, 6 " "
That Plague of a Boy, 12 slides.	Cinderella, 8 slides, }	Hunting Scenes, 6 slides, }
Don Quixote, 6 slides, }	Miscellaneous, 4 " "	Miscellaneous, 6 " "
Miscellaneous, 6 " "	Jules Verne's Novel, Around the World in 80 Days, 6 slides, }	Animals, 6 slides, }
Esop's Fables, 6 slides, }	Miscellaneous, 6 " "	Paris, 6 " "
Miscellaneous, 6 " "	Blue Beard, 3 slides, }	Blue Beard, 3 slides, }
Sleeping Beauty, 10 slides, }	Blue Beard, 6 slides, }	Cinderella, 3 " "
Miscellaneous, 2 " "	Miscellaneous, 6 " "	Red Riding Hood, 3 " "
Comic Heads, 12 slides.	Puss in Boots, 6 slides, }	Hop o' my Thumb, 3 " "
	Miscellaneous, 6 " "	Caricatures, 12 slides.

PICTURESQUE MOTTOES.

During the progress of an Entertainment, it is occasionally necessary to give some special information to the audience; and these "PICTURESQUE MOTTOES" are intended to serve the purpose in an impressive and attractive manner. Each consists of a delicately tinted scene, on which the appropriate words are displayed in finely colored ornamental letters.

On square glass, 3¼ by 4 inches, not framed.

Price, \$1.50 each.

Good Night.
Buenas Noches.
Bon Soir.
Gut Nacht.
Adieu.

Adios.
Welcome.
Bien Venido.
Willkommen.
Silence.

Merry Christmas.
Happy New Year.
A Service of Song.
An Intermission of Five Minutes.

JUMPERS.

3 inches diameter, in frame 4 by 7 inches.

A new Mechanical Slide, in which humorous figures are engaged in the childish sport of "Jumping the Rope." The movement of the Rope, and the jumping of the figure being well illustrated—6 different styles. **\$1.75 each.**

COLORED SCENERIES.

\$1.80 Each.

\$21.00 Per Dozen.

These "COLORED SCENERIES" are all choice views, photographed directly from nature, and delicately, yet brilliantly colored, by experienced artists; each on square glass, 3¼ inches wide, with protecting cover glass, and being uniform in size with our Uncolored Views of "Places of Interest," can be advantageously interspersed with them during an exhibition.

Experience has shown that an entertainment formed exclusively of uncolored views sometimes proves monotonous, while handsomely colored views introduced at intervals during the progress of the illustrations serve to give a pleasant variety, keeping the audience "wide awake," and always on the lookout for a "brilliant picture."

This has induced a demand for our choice "Colored Sceneries," to meet which we keep a large assortment constantly on hand, embracing all the subjects named in our extensive lists of "Places of Interest," and in addition a very large number of new views in the United States, Great Britain, Continental Europe, Asia, Africa, South America, Marine Views, etc., etc.

VIEWS COLORED TO ORDER.

Some of our customers, doubtless, have Uncolored Photographic Views of Places of Interest, which would be vastly improved by the addition of color, as referred to above. By sending them to us we can have them colored to order in our SUPERIOR STYLE, at a cost of \$1.25 each,—and not quite so handsomely, yet still producing a fine effect, at \$1.00 each,—and in a cheaper style at 75 cents each. When colored in our SUPERIOR STYLE they are guaranteed to be equal to the finest imported, and are preferred by our customers.

★ The "STAR" Assortment of Views. ★

PRICE, \$50.00.

To meet the wishes of numerous customers, we have arranged the following assortment of views well adapted to interest all classes in every community, and which can be used with any of the apparatus in our catalogue.

The assortment consists of our New Lecture Set, "*Around the World in 80 Minutes*," which, as can be seen by list in Catalogue, embraces illustrations of the grand scenery and prominent buildings in the United States and in foreign lands, accompanied by an original descriptive lecture by Rev. C. R. Treat, of New York; with addition of a selection of Fine Colored Photographic Views, Choice Statuary, etc., to give a pleasing variety to an entertainment—in all 86 views, which we offer at the low price of \$50.00.

List of VIEWS in the "STAR" Assortment, Price, \$50.00.

- | | |
|--|--|
| 61 "Around the World in 80 Minutes,"*
with Lecture. | 6 Comic Views, Life-like Motion. |
| 6 Fine Colored Photographic Views. | 6 Silhouettes, of pleasing and
amusing designs. |
| 1 Good Night Chromatrope. | 1 Cloud effect. |
| 6 Choice Statuary. | 2 Tinters. |

*Customers have the option of substituting any other 61 Uncolored or Crayon Photographic Views for the set of "Around the World in 80 Minutes," if they prefer to do so.

The Star Assortment of Views, with a good Apparatus, makes an excellent outfit for a lecturer "on the road," as it will be new and interesting to each audience he may appear before on his route, and contains as great a number of views as can be conveniently shown at one entertainment.

To assist our customers in making choice of a suitable apparatus, we append the cost of the *Star Assortment* in combination with the various most reliable styles of apparatus of each class.

OXY-HYDROGEN.

With the Universal.....	\$415.00
" International, Triple.....	\$515.00 430.00
" " Double.....	385.00 310.00
" " Single.....	260.00 165.00
" Metropolitan.....	375.00 300.00
With No. 600.....	500.00
" 602.....	275.00
" 612.....	190.00
" 612½.....	195.00

OXY-CALCIUM.

With No 626.....	205.00
" 635.....	145.00

BI-UNIAL.

With the New York Model Dissolving View Apparatus.....	150.00
" New York Model Magic Lantern.....	100.00
With No. 650.....	90.00
" 653.....	70.00

CABINET.

With No. 670.....	60.00
" 671.....	72.00

PRICE LIST
OF
POSTERS & PROGRAMMES
FOR
EXHIBITIONS.

Size, 29 by 42 inches.

On White Paper	\$21.50 per 1000
On Colored Paper	23.00 "
Printed in Blue Ink	24.00 "
Printed in Two Colors	35.00 "

Size, 14½ by 42 inches.

On White Paper	\$10.00 per 1000
On Colored Paper	11.00 "
Printed in Blue Ink	12.00 "
Printed in Two Colors	18.00 "

Size, 21 by 28 inches.

On White Paper	\$10.00 per 1000
On Colored Paper	11.00 "
Printed in Blue Ink	12.00 "
Printed in Two Colors	17.00 "

Size, 10½ by 29 inches.

On White Paper	\$ 7.50 per 1000
On Colored Paper	8.00 "
Printed in Blue Ink	9.00 "
Printed in Two Colors	12.00 "

Size, 7½ by 29 inches.

On White Paper	\$ 5.50 per 1000
On Colored Paper	6.00 "
Printed in Blue Ink	7.00 "
Printed in Two Colors	10.00 "

Size, 6 by 10 inches.

On White Paper	\$ 3.00 per 1000
On Colored Paper	3.50 "
Printed in Blue Ink	4.00 "
Printed in Two Colors	6.00 "

 We have a large variety of attractive cuts, which can be printed with above if desired, without increase of price.

Admission Tickets, on Colored Cards.....\$1.00 per 100

Cannot print Posters in quantities less than 1000.
" " Tickets " " " " " 100,

A Guide in the Selection of a Stereopticon or Magic Lantern.

The satisfactory enlargement of the picture projected by a Stereopticon or Magic Lantern depends greatly upon the condensing lenses employed, which vary in several particulars, according to the price of the instrument.

In the cheaper styles, such as the Cabinet Magic Lanterns, Nos. 670, 671, the price compels the employment of a single condensing lens.

But in all the first-class instruments described in this Catalogue, there are two condensing lenses in each Lantern, which afford a better illumination than is obtained by a single condensing lens. These are double convex in some instruments, and plano convex in others; the latter being superior, yielding more light and diffusing the illumination more uniformly over the entire area.

To illuminate the glass picture, the condenser must, of course, be larger than the picture, and the larger it is (within certain limits), the better will be the illumination. Experience has shown that condensers of $4\frac{5}{8}$ inches diameter supply every requisite, and our principal sales are of the instruments having plano convex condensers of that diameter.

The Catalogue gives full particulars concerning the object glasses. It may be added, however, that the Cabinet Magic Lanterns having only one object glass have but one magnifying power; whereas all the higher-priced instruments fitted either with achromatic, or with concavo-convex object glasses, yield more than one power, as explained in the "Tables of Powers" on page 6.

The mode of adjusting the focus of the object glasses is either by a "Sliding Tube" or a "Brass Rack," the latter being much more convenient and accurate.

To exhibit at a glance the special points referred to above, we give below a list of the various instruments of each grade, classified according to the style of the condensers, and the focal adjustment for the object glasses.

First.—Having in each Lantern two Plano Convex Condensers, $4\frac{5}{8}$ inches diameter; RACK adjustment for focus.

Oxy-Hydrogen. The International, The Metropolitan, The Universal, Nos. 600, 601, 602, 603 $\frac{1}{2}$, 604 $\frac{1}{2}$, 605 $\frac{1}{2}$, 610, 611, 612 $\frac{1}{2}$, 614.

Oxy-Calcium, Nos. 620, 625, 626, 630, 635.

T. H. McAllister's Patent Bi-unial Light. The New York Model Dissolving View Apparatus, The New York Model Magic Lantern, Nos. 640, 650.

Second.—Having in each Lantern two Plano Convex Condensers, $4\frac{1}{8}$ inches diameter; RACK adjustment for focus.

Oxy-Hydrogen, Nos. 603, 604, 605, 612, 613.

Oxy-Calcium, Nos. 621, 622, 627, 628, 631, 632, 636, 637.

T. H. McAllister's Patent Bi-unial Light, Nos. 641, 651.

Argand Gas, Nos. 660, 661.

Third.—Having in each Lantern two Double Convex Condensers, $4\frac{1}{8}$ inches diameter; SLIDING TUBE adjustment for focus.

Oxy-Calcium, Nos. 623, 624, 633, 634, 638, 639.

T. H. McAllister's Patent Bi-unial Light, Nos. 643, 652.

Fourth.—Having in each Lantern two Double Convex Condensers, $3\frac{5}{8}$ inches diameter; SLIDING TUBE adjustment for focus.

T. H. McAllister's Patent Bi-unial Light, Nos. 644, 653.

Argand Gas, No. 662.

Fifth.—Having in each Lantern one Condenser; SLIDING TUBE adjustment for focus.

Cabinet Magic Lanterns, Nos. 670, 671.

A Profitable Business

A good Magic Lantern or Stereopticon Exhibition is always attractive to all classes of the community.

In every locality there is an opening for a man to do an excellent business with a Magic Lantern or Stereopticon and an assortment of interesting Views, in giving exhibitions to Sunday Schools, Academies, Lyceums, Public Audiences, Families, etc., etc.

Only make an intelligent public aware of the fact that you are prepared to give such entertainments, and you will have little difficulty in procuring engagements.

The first cost of an outfit is small when compared with the business that can be done, hence offering great inducements to a person with moderate capital.

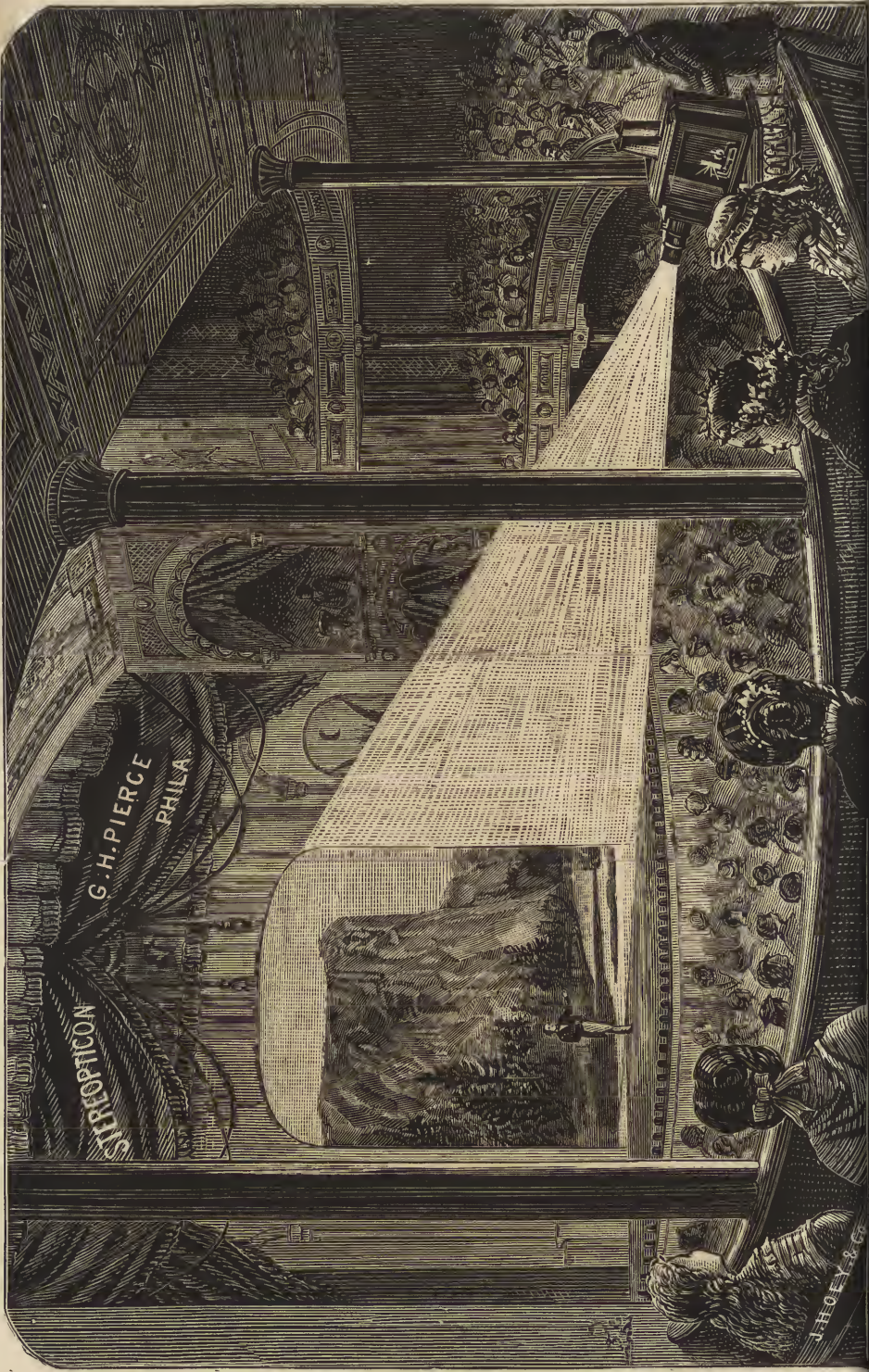
There is no difficulty in learning the working of the apparatus ; any one of ordinary intelligence, by following the printed directions in our Catalogue cannot fail to produce the desired results. No heavy labor is demanded, so that persons in delicate health have often succeeded in carrying on the business satisfactorily.

The running expenses are very slight and the profit remunerative, as from **\$10.00 to \$50.00** per night is often received by those who use proper means to bring the entertainments before the public.

GEORGE H. PIERCE,

136 South 11th Street,

PHILADELPHIA, PA.



STEREOPHON
G. H. PIERCE
PHILA.

J. REGER & CO.

CATALOGUE

STEREOPTICONS

VIEWING-MACHINE APPARATUS

MAGIC LANTERNS

AND

ARTISTICALLY FINISHED SLIDES

FOR THE LANTERN AND VIEWING-MACHINE



THE
PUBLISHERS
OF
THE
MAGIC LANTERN



OF THE NEW YORK PUBLIC LIBRARY

ASTOR LENOX AND TILDEN FOUNDATIONS

GEORGE H. PIERCE

SOLE AGENT

130 South 11th Street,

PHILADELPHIA

DECEMBER 1898



CATALOGUE
OF
STEREOPTICONS,

DISSOLVING-VIEW APPARATUS

AND

MAGIC LANTERNS;

WITH

LIST OF SEVERAL THOUSAND

ARTISTICALLY-FINISHED VIEWS

FOR THE ILLUSTRATION OF ALL SUBJECTS OF
POPULAR INTEREST.



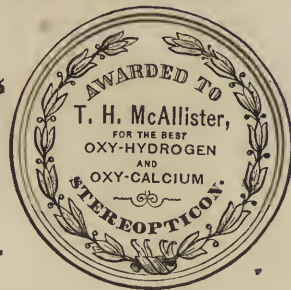
FIRST
Premiums

AND

MEDALS

AWARDED BY

AM. INSTITUTE.



MANUFACTURED BY

T. H. McALLISTER,

Of the late firm of

McALLISTER & BRO., Philadelphia,

ESTABLISHED 1783.

MANUFACTURING OPTICIAN,

NEW YORK.

FOR SALE BY

GEORGE H. PIERCE,

SOLE AGENT,

136 South 11th Street,

PHILADELPHIA.

This Catalogue is for Gratuitous Distribution, and is Sent by
Mail, on application, Free of Charge.

DECEMBER, 1888.



THE Stereopticons and Magic Lanterns enumerated in this Catalogue, are all manufactured under our personal supervision, are warranted perfect in every particular, and combine numerous improvements suggested by an experience of many years.

Making a speciality of these goods, we have always on hand the largest assortment in the United States, of all grades of price, so as to meet the wants of all classes of customers.

In the manufacture of the various Magic Lanterns, Stereopticons, and accessory apparatus, durability and simplicity have been especially studied. Nothing is complicated, and the printed directions give all the information required to enable any one, anywhere, to set up and operate any of the instruments.

Instruments of our manufacture are in successful operation in every State and Territory in the Union, and in various foreign countries; and have received diplomas and medals from the American Institute of the City of New York, the Brooklyn Industrial Institute, and the U. S. Centennial Exhibition.

An exhibition of a Stereopticon or Magic Lantern will be given without charge, during business hours, to parties desirous of purchasing.

The principal points of superiority in our instruments are generally specified in the description of each apparatus; we would, however, call attention to the following as especially deserving the notice of customers:

1st. **OUR SLIDE SPRING AND STOP.** This arrangement was invented by us several years since, has been fully tested, is highly approved by all who have used it, and is ONLY FOUND IN THE APPARATUS OF OUR MAKE. It holds the View firmly in the central line of the Lenses, at the same time levelling it; and the View can be placed in the Lantern with one hand instead of requiring both hands, as is necessary with the Magic Lanterns of other manufacture. In producing the Dissolving Views, it is invaluable, causing the Pictures to "register" properly upon the Screen. It often happens that two succeeding scenes in a set of Dissolving Views differ very slightly from each other. In such a case, it is very important that they should "register" one with another; that is, occupy the same place on the Screen, and our SLIDE SPRING and STOP is the easiest and best mode of attaining this object, and heightens greatly the mystery which, to the uninitiated, is always inseparable from an exhibition of DISSOLVING VIEWS.

2nd. **OUR GAS BAGS.** The Gas Bags supplied with our Oxy-Hydrogen and Oxy-Calcium instruments are of very superior quality, and will outlast three or four of the ordinary Rubber Bags.

They are made expressly to our order, of the best quality India Rubber; lined with heavy canvas duck on both the outer and inner surfaces, which serves as a protection from injury, and also prevents the surfaces from sticking together in warm climates. The Bags are of wedge shape, the cock being at the large end, which is much more convenient than when at the small end, as in the common Bags. These Bags have frequently been tested with a pressure of 1,000 pounds.

3d. **OUR COMBINATION CARRIERS.** (See illustrations Nos. 711, 712, of Catalogue.) Nothing has tended so much to popularize the uncolored Crayon Photographs on square glass as the Combination Carriers.

The expense of framing each of the above Views separately is obviated, and the Carriers carry and centre the square Views of either French, English or American make

OUR ASSORTMENT OF VIEWS is the largest in the country, embracing a great many Views not named in the Catalogue; and constant additions of novelties are being made to the stock, so that we can supply an outfit illustrating any subject of popular interest. In addition to our own, we can furnish Views from any list of other makers, American or foreign.

In ordering Views our customers would consult their interests by leaving the selection of them somewhat to us; as our long experience will frequently enable us to make a better selection than would be possible with a person entirely unacquainted with the character of the Views.

Special Views made to order at short notice.
Views can be safely sent by mail.

**OUR GOODS ARE ALL NEW.
WE HAVE NO OLD STOCK.**

INTRODUCTORY.

The origin of the Magic Lantern, like that of so many other inventions, is involved in considerable doubt; from obscure passages in some old authors, it has been claimed that the instrument was known to the ancients, and that the priests of the Egyptians employed it to heighten the mysteries of their religion. The first authentic account of it, however, goes back about 300 years, and though it was then a very rude and primitive affair, its revelations appeared marvelous to the uneducated audiences of those times, who bestowed on the wonderful instrument the fitting name of MAGIC LANTERN.

"No OTHER OPTICAL INSTRUMENT HAS EVER CAUSED SO MUCH WONDERMENT AND DELIGHT." For centuries it was regarded as a mere toy for the amusement of children, but in time, its capabilities as a means of education and intelligent entertainment were recognized, and men of science interested themselves in improving the character of the apparatus and the necessary views; and as a result, the Magic Lantern has been raised to the position of a scientific instrument, of vast service in the instruction of youth, and the entertainment of the family circle, or as a beautiful and refining recreative exhibition to an intelligent audience.

When two Magic Lanterns, illuminated with the Oxy-Hydrogen or the Oxy-Calcium light are combined, the instrument is called THE STEREOPTICON, and is used principally for enlarging Photographic views of Natural Scenery. These views being "Sun Pictures," are correct in every detail of light, shade and perspective, and when brilliantly illuminated and properly magnified, stand out on the screen with an almost Stereoscopic effect. The use of the Stereopticon is not confined to this class of views, as any other of the views enumerated in this catalogue can be admirably shown with it.

The perfected Magic Lantern or Stereopticon is, in the principle of its construction, identical with the Magic Lantern of our childhood, but so improved and elaborated, as to be adapted to the production of the most beautiful effects of light and shade, form and color. By its aid the most delicately painted picture of the artist can be projected upon the canvass, in all its original glow of beauty, with often the added effect of reality of life and motion. Besides, the most fairy-like transformations can be produced, so that the beholder may easily imagine himself in the palace of the enchanter.

The instrument administers not only to the pleasures of the eye and the imagination, but is a valuable adjunct in popularizing science, and increasing our knowledge of the world. IN THE EDUCATION OF YOUTH the value of pictorial illustrations is accepted as the most efficient mode of fixing ideas in the mind, particularly when attained by the medium of the Magic Lantern, as, all surrounding objects being excluded, the attention of the student can be concentrated on the one point illustrated by the picture on the screen. The large assortment of views now attainable will enable a skillful instructor to illustrate before a class many subjects which have heretofore been impossible to explain, except orally; and thus, to convey many lessons of vital importance in a most forcible manner, while the fascinating character of the exhibition will give a charm to what would otherwise be considered a "dry lecture." The value of the Magic Lantern for the above purposes is acknowledged by all who have tested it. A gentleman at the head of one of the largest institutions in the country, in which a Stereopticon of our make is constantly used, writes thus: "AFTER THE STEREOPTICON, THE BLACKBOARD SEEMS ALMOST GOOD FOR NOTHING. I WONDER HOW WE HAVE MANAGED SO LONG WITHOUT IT."

The Magic Lantern has proved very serviceable in INSTITUTIONS FOR THE TREATMENT OF THE INSANE, as by its means the patients are amused and interested, and their minds turned in to new channels of thought. Dr. Kirkbride, of the Pennsylvania Hospital for Insane, says: "No INSTITUTION CAN WELL AFFORD TO BE WITHOUT A LANTERN AND GOOD ASSORTMENT OF SLIDES."

MASONIC AND OTHER LODGES, and various secret societies have adopted it, as the most efficient, attractive and economical means of illustrating their rituals. This Catalogue contains lists of views for the demonstration of the work of several organizations, and other desired views can readily be made to order.

As a **PARLOR ENTERTAINMENT** for the amusement of private families nothing excels the Magic Lantern. "WHO DOES NOT RECALL THE MUTE WONDER AND DELIGHT WITH WHICH, IN COMPANY WITH OTHER JUVENILES, HE WITNESSED FOR THE FIRST TIME THE MYSTERIES OF THE MAGIC LANTERN."

ADVERTISING STEREOPTICONS have proved very popular and lucrative when properly managed. One of our first-class Oxy-Hydrogen Stereopticons was sold to the Erie Railway Co. for this purpose, and was for a long time in successful operation nightly, in the open air, at the corner of Broadway and Twenty-third St., opposite the Fifth Avenue Hotel. Business cards of the advertisers, prepared as Magic Lantern Slides, being thrown upon the canvas, highly magnified and brilliantly illuminated, interspersed with local views, artistic and comic pictures, cannot fail to attract the gaze of the crowds nightly promenading the streets of any city or town. Each advertisement being shown separately makes a much more lasting impression than when glanced at in a newspaper.

There is no form of **POPULAR ENTERTAINMENT** that pays so well on the amount invested, and the running expenses of which are as slight; when judiciously conducted it is a remunerative and pleasant business, and offers great inducements to a man with moderate capital.

Photography has proved a valuable agent in developing the resources of the instrument, and is extensively applied to the economical production of transparencies for the Magic Lantern, which besides being faithful representations, are beautiful works of art. There are no subjects, however intricate, that may not thus be readily illustrated, as will be seen by examining the detailed lists of views enumerated in this Catalogue; in which illustrations of the choicest works of art, travels and voyages, history and science, Scriptural scenes, portraits of prominent persons, etc., etc., will be found appropriately classified.

While the character of the illustrations has thus improved, and has driven out the miserable paintings formerly made, the optical and mechanical portions of the apparatus have correspondingly advanced, so that more perfect effects can be obtained than with the old-fashioned Lanterns, and at the same time with far more convenience and ease to the operator.

A Magic Lantern consists essentially of:—1st, a source of light; 2d, a case to enclose the light; 3d, Condensing Lenses; 4th, Object Glasses.

1st. **THE LIGHT.** The best light that can be practically and satisfactorily used in a Magic Lantern is the **Oxy-Hydrogen**, otherwise known as the "Drummond," the "Calcium," and the "Lime" light. This brilliant light was invented by the late Prof. Hare, of the University of Pennsylvania, and is produced by the ignition of lime in a compound flame of Oxygen and Hydrogen gases. The rays proceeding from it are very intense and of a dazzling whiteness, and will magnify the views to the size of twenty-five to thirty feet diameter, according to the character of the Lenses employed, and is adapted for Halls of any size. The methods of making the Gases, and of manipulating the Jets in all the forms of Oxy-Hydrogen Apparatus in this Catalogue, are so simple, that any one can be sure of success by following the printed directions furnished. (See apparatus Nos. 600 to 614, and Jets Nos. 705, 706.) Various attempts have been made to substitute some other equally intense illumination, but all have proved failures when subjected to the test of practical experience; among these may be named the Magnesium light, the Zirconium light, etc. The Electric light is impracticable for Magic Lantern use; it is not a steady light as the Oxy-Hydrogen, but flickers, owing to the unequal consumption of the carbon points, and the most economical manner of obtaining it now employed requires the aid of a powerful Steam Engine.

The **Oxy-Calcium** is a modification of the Oxy-Hydrogen light, yielding a fine light, though of less intensity. There are two patterns of jets for producing this light; in the Jet No. 702 of this Catalogue a stream of Oxygen passes through an Alcohol flame to a cylinder of Lime; but in the improved form, No. 703, the Jet is connected with a Gas Fixture by a piece of rubber tubing, and House Gas is burned instead of Alcohol, the stream of Oxygen being passed through it. The Oxy-Calcium light will

magnify the views handsomely of any desired size up to fifteen feet diameter, and is admirably adapted for use in medium-sized Halls and Churches. (See Apparatus Nos. 620 to 639.)

In many cases, however, a sufficiently powerful illumination can be obtained with Kerosene Oil, in a properly constructed Lamp. As none of the ordinary forms of Lamps yielded the necessary intensity of illumination, we have, after a long series of experiments, devised our NEW BI-UNIAL LAMP, which has proved superior to any other form of Oil Lamp for Magic Lantern use, and has given universal satisfaction to our customers, magnifying the views to eight feet in diameter. Our aim has been to combine intensity of illumination with simplicity of construction, and durability; and we can confidently recommend the BI-UNIAL AS BEING SUPERIOR IN ALL THESE IMPORTANT PARTICULARS TO ANY OIL LAMP HERETOFORE USED FOR MAGIC LANTERN ILLUMINATION. (The Bi-unial is supplied with our various styles of Apparatus from Nos. 640 to 653.)

An ARGAND GAS BURNER, connected with a gas fixture by a piece of rubber tubing, is sometimes used in a Magic Lantern, but does not afford a light equal to that of the BI-UNIAL LAMP. (See Apparatus Nos. 660 to 662.)

2d. THE CASE. A case is required to enclose the Jet or Lamp, to prevent the light from spreading over the Hall, and thereby detracting from the brilliancy of the picture on the screen. In our finest forms of apparatus the cases are of well-seasoned mahogany; of substantial japanned tin in the other styles. In every instance the cases are made with large, well-ventilated air chambers, so as not to become unduly and uncomfortably heated, which is sure to happen when Lanterns are made too small, as all exhibitors can testify who have "broiled" over a so-called "Compact" Lantern, in which, in addition to the discomfort to the operator, there is a risk of breaking the Condensing Lenses by the confined heat. In all apparatus of our manufacture the air chamber is utilized in transportation, as the Jet, or Lamp, Chimney, Lantern front, Object Glasses, etc., are packed within it. Each case is made with a large door at side and back, so as to afford every facility for adjusting the light, etc.

3d. THE CONDENSING LENSES serve to condense the rays of light upon the transparent picture, which is placed close to them; and at the same time converges the rays so as to cause them to pass through the Object Glasses to the screen. To illuminate properly, the Condensing Lenses must of course be larger than the transparent picture. In former days, when all Magic Lantern pictures were painted by hand, and were often necessarily of large size, the Condensers were sometimes obliged to be eight, ten, or even twelve inches diameter. Photography, however, has done away with the necessity of making the slides so large, and consequently the Condensing Lenses need not be made of the dimensions formerly employed. The standard size now adopted for Photographic Lantern slides is three inches diameter, and experience has shown that Condensing Lenses of four and five-eighth inches diameter at the farthest supply every demand. The finest instruments described in this Catalogue are furnished with double condensers of that diameter, while in some of the other grades of instruments, Condensers of smaller diameter are employed. A combination of two PLANO-CONVEX Condensing Lenses has been found to yield the best results. The Catalogue gives also a line of Lanterns fitted with DOUBLE CONVEX Condensing Lenses, two in each Lantern, and in the cheapest form of Exhibition Lanterns (Nos. 670, 671), there is but one Condensing Lens. Triple Condensers have been proposed, but have been found to yield no advantages commensurate with their increased cost.

In all the instruments noted in this Catalogue, especial care has been bestowed to have the Condensing Lenses made of the clearest glass, free from any imperfections, accurately ground and polished, and properly mounted.

4th. THE OBJECT GLASSES. The Object Glasses of a Magic Lantern are mounted in front of the transparent glass picture, which being illuminated by the aid of the Condensing Lenses, is magnified and projected upon the Screen by the Object Glasses. However brilliantly the transparency may be illuminated, it will not be truly transmitted to the screen if the Object Glasses are not correct in material, form and focus. If the glass of which they are made is not clear, the image on the screen will be obscure; if the curves of the lenses are not accurately ground, and the surfaces are not highly polished, the magnified picture will be presented with indefiniteness and distortion; and if the lenses are not of proper focus, the view will not be magnified to the desired dimensions.

In the finest instruments specified in this Catalogue, the Object Glasses are **ACHROMATIC**; each Glass being a combination of a Convex Lens of Crown, with a Concave Lens of Flint, as shown in the annexed diagram. An "Achromatic" Object Glass presents the picture on the screen clear and sharply defined, free from any blurred outline of prismatic colors. The great advantage of Achromatic Object Glasses is especially noticed with the Uncolored Views of Statuary, Architecture, Natural Scenery, etc., while they lend an additional charm to the finely Colored Photographic Views.



In the Stereopticons and Phantasmagoria Magic Lanterns not fitted with Achromatic Lenses, the Object Glasses are a combination of Concavo-Convex Lenses made of the best Crown glass, accurately ground and polished, and giving results approaching as nearly as possible to those produced by the Achromatic Object Glasses.

MAGNIFYING POWERS. The dimensions of the magnified picture produced by any Object Glass will depend upon the distance between the apparatus and the screen—the greater the distance, the larger the picture; and as the position of the apparatus will vary according to the size and proportions of a building, it is sometimes necessary to place the apparatus near the screen, and at other times further off; for instance at the extreme end of a Hall, Theatre, or Church, in the rear of the audience. An Object Glass which will make a picture of proper size at short range, will make entirely too large a picture at long range. It is therefore very desirable to have an apparatus with different magnifying powers, one or the other of which can be used as the occasion may demand. The advantage of an apparatus thus arranged will be appreciated by any one who has used a Magic Lantern furnished with only one Magnifying Power of Short Range, with which it is necessary to be always near the screen to produce the picture of proper size, thus frequently obstructing the view of the audience, and detracting very much from the beauty of the exhibition.

All the Stereopticons and Phantasmagoria Magic Lanterns specified in this Catalogue, are supplied with Object Glasses giving various powers, the results of which are given approximately on the annexed "TABLES OF POWERS."

Achromatic Object Glasses.

Distance of Screen from Apparatus.	Size of Picture with High Power.	Size of Picture with Low Power.
10 Feet.	5 Feet.	3 Feet.
20 "	10 "	6 "
30 "	15 "	9 "
40 "	20 "	12 "
50 "	25 "	15 "
60 "	30 "	18 "

**Our "UNIVERSAL," "METROPOLITAN" and "INTERNATIONAL" Stereopticons, and Nos. 600, 601, 610, 611, 625 have also two additional powers lower than the above, and therefore allowing the instruments to be used at a longer range.

Concavo-Convex Object Glasses.

Distance of Screen from Apparatus.	Size of Picture with High Power.	Size of Picture with Medium Power.	Size of Picture with Low Power.
10 Feet.	6 Feet.	5 Feet.	3 Feet.
20 "	12 "	10 "	6 "
30 "	18 "	15 "	9 "
40 "	24 "	20 "	12 "
50 "	30 "	25 "	15 "

In our cheapest form of Exhibition Lantern, see Nos. 670, 671, the low price compels the employment of a single Object Glass, which is a double Convex Lens of the best Crown glass, accurately ground and polished; making a picture of 5 feet diameter, when the apparatus is about 10 feet from the screen.

ADJUSTMENT OF FOCUS. To make the details of the Picture on the Screen sharp and well defined, the Object Glasses must be moved in or out very gradually, or "focussed," until the desired result is obtained. In the cheaper instruments, this is accomplished by moving the Tubes by hand; but all the finer instruments are provided with a Rack work controlled by large milled Head, which is far more accurate and convenient than the Sliding-Tube Adjustment.

VIEWS.

This Catalogue contains an extensive list of Views, to which additions are being constantly made; giving an assortment illustrating all subjects of popular interest, and graded in price according to the style of finish. The Views are of a uniform size, and can be shown in any Magic Lantern having Condensing Lenses over 3 inches diameter.

THE FINELY COLORED PHOTOGRAPHIC VIEWS, leave nothing to be desired as regards Artistic Finish.

These are carefully photographed on glass from fine engravings or original drawings, and delicately colored by experienced artists with the most appropriate tints. The coloring is by a peculiar process, which gives extreme brilliancy and perfect transparency, without any mark of the artist's brush, or any thick body of varnish so often seen in the old style of HAND PAINTED views. The pictures seem as it were to be incorporated in the glass, and can be magnified to any extent with all the original brilliancy and transparency; they are not affected by extremes of heat or cold, and can even be immersed in water for any length of time without injury. This style of View is especially adapted for the illustration of Historical, Scriptural, Artistic, and Scientific subjects; also for the production of "SETS OF DISSOLVING VIEWS," a large list of which will be found in this Catalogue. These Dissolving Views cannot be used in a Single Magic Lantern, requiring a "Dissolving View Apparatus," or a Stereopticon to yield the desired results, and always constitute a most attractive exhibition. The novel effect of "dissolving" one city into another—New York into London, London into Paris, Paris into Rome, etc., the exterior of a building into the interior of the same building, changing a smiling summer landscape to a snowy winter scene, etc., etc., and all in so gradual a manner as always to leave a picture before the audience—produces a magical effect that never fails to please.

THE UNCOLORED PHOTOGRAPHIC VIEWS of world renowned places of interest, are valuable as being truthful representations, of well known buildings, monuments, or natural scenery. Great additions have recently been made to the assortment, from which views can be readily selected calculated to give an audience a perfect idea of the scenery, architecture, etc., of any portion of our own country or of foreign lands.

An exhibition of this class of views, by the aid of an Oxy-Hydrogen Apparatus accompanied by appropriate explanatory remarks, is always attractive. The necessary descriptions need not be lengthy, and can be drawn up by consulting the proper "Guide Books" and "Gazetteers." "WILSON'S LANTERN JOURNEYS," in three volumes, price \$3.00 per volume, contain entertaining and authentic accounts of over 1,900 views; the volumes are sold separately or together, and are invaluable, having been compiled expressly for the use of exhibitors.

To relieve a lecturer from the labor of preparing the necessary descriptions for a collection of views, we furnish a series of carefully selected sets with a printed lecture accompanying each set. *ATTENTION IS ESPECIALLY CALLED TO THE LIST OF THESE "LECTURE SETS."*

Illustrations of Statuary stand out from the canvas with the solidity and purity of the marble, and when shown on a delicately colored back ground supplied by a "Tinter," produce a charming effect. Any of the "Colored Photographic Views" can also be furnished in the style of Uncolored or "Crayon" Photos, besides which we have always on hand a large line of miscellaneous subjects, comic, etc., in the Crayon style. These Uncolored or "Crayon" Photographic Views are each on square glass three and one-quarter inches wide, and can be used conveniently in any Stereopticon or Magic Lantern, by the medium of the Combination Carriers, Nos. 711, 712, of this Catalogue.

VIEWS WITH MECHANICAL MOVEMENTS are supplied in great variety, embracing Scientific subjects, Comic, etc., and are always interesting, especially to the younger portion of an audience. A set of Astronomical Slides, in which the movements of the Heavenly bodies are imitated by rack work, is an excellent addition to a popular Lecture on Astronomy, and the Transformation Comic Slides, Dioramic Slides, Revolving Slides, Chromatropes, etc., tend very much to enliven an exhibition.

HINTS TO INTENDING PURCHASERS.

With a good outfit, properly brought to the attention of the public, an intelligent, active man can conduct a profitable business.

In the selection of an Outfit, the assortment of Views, and the style of apparatus, will be governed by the intention and means of the purchaser.

To constitute a good assortment of Views for an evening's exhibition will require not less than fifty Views; if desired for a public entertainment, such Views must be selected as will be calculated to demand the attention of the people, attract them to the performance, and MAKE IT PAY.

The assortment of Views will depend, to a considerable extent, upon the section of country designed to be operated in, and the character of the audience particularly desired to be drawn together.

Thus, many Views which will be very attractive to an Eastern audience, will not prove so interesting to an audience in the Western or Southern States. For a **SUNDAY SCHOOL**, the majority of the Views should illustrate the events of Bible History which the scholars have been studying, or with which they may be familiar. For an **ACADEMY** or **LYCEUM**, Scientific Views should form the greater part of the programme. For a general **PUBLIC AUDIENCE**, or for a **PARLOR ENTERTAINMENT**, an assortment of well selected miscellaneous Views, gems of Modern and Ancient Art, Statuary, Stereographs of Natural Scenery, etc. The beautiful sets of Views well called "Dissolving Views," yielding effects which appear incomprehensible and almost magical to the uninitiated, are always popular, on account of their possessing that element of **MYSTERY** in which mankind always delights. The gradual change of a scene from summer to winter—the falling of snow upon the scene—the introduction of figures into a landscape—a vision, where an instant before there was a clear sky, etc., etc.; all have a mysterious character when seen by those unacquainted with the working of the apparatus. There is no form of Popular Entertainment, which combines so much that is attractive to a refined audience—being at the same time intellectual, pleasing and instructive—as a "**DISSOLVING VIEW ART ENTERTAINMENT**." The Views principally chosen for such an exhibition are the choice uncolored Photographic Views of renowned scenery, or Buildings of Historic, or other interest, Statuary, etc. The audience can in imagination be carried to distant scenes, and behold the art treasures of the world, the buildings or localities which have become famous either on account of their intrinsic beauty, or of important historical events with which they may be associated. London, Paris, Rome, Egypt, The Holy Land, etc., may thus be visited, and a better idea of the scenes conveyed to the mind than could be obtained by reading many books of travel.

This Catalogue contains an extended list of suitable views; and our "**LECTURE SETS**" are admirably adapted for the purpose, as the accompanying printed Lectures supply the description of each view ready at hand. The Finely Colored Photographic Views, Transformation Comic Slides, etc., can be judiciously interspersed to make a more varied programme; and some fine allegorical or patriotic pieces such as "**The Rock of Ages**," or "**Washington Crossing the Delaware**," etc., etc., would make a fitting close for the entertainment.

In large cities, an entertainment will often prove popular if the views are confined to the illustration of some one department of Art, Science, History or Travels; but for a traveling exhibition, it has been found better to form the programme by a judicious mingling of different styles of views, having a combination ranging from "grave to gay;" so that all classes of the community can come, with a certainty of seeing something adapted to the comprehension of every one in the hall.

And to give variety and life to any exhibition, there must be a choice selection of the comic Views, particularly those with mechanical effects, and one or more of the beautiful Chromatropes or artificial fireworks, will serve to close the performance brilliantly, and to leave a pleasing impression upon the memory of the audience.

The explanatory remarks should be brief and to the point;—the views generally require little explanation—and people usually come to these exhibitions to be instructed and an used by what they see, and not by what they hear; a good anecdote, however, brought in at the right moment, will always be appreciated, and will keep the audience in good spirits, induce them to come again and bring their friends, and thus MAKE IT PAY.

To give strictly first-class entertainments in cities and large towns, one of our OXY-HYDROGEN STEREOPTICONS will be found to be the most complete apparatus for the purpose—being well made in every respect, convenient in arrangement, and free from complication; fitted with the best Lenses and the most powerful light, capable of enlarging the Views up to twenty-five to thirty-five feet diameter. (See Apparatus Nos. 600 to 614.)

. For \$25.00 extra, either of the Oxy-Hydrogen Stereopticons can be supplied with two Oxy-Calcium Jets No. 703, and two Bi-unial Oil Lamps and Dissolver. Thus allowing the apparatus to be converted at will into an Oxy-Hydrogen Stereopticon, an Oxy-Calcium Stereopticon, or a Bi-unial Dissolving View Apparatus.

. For \$13.00 extra, either of the Oxy-Hydrogen Magic Lanterns can be supplied with an Oxy-Calcium Jet No. 703, and Bi-unial Oil Lamp; thus allowing the apparatus to be converted at will into an Oxy-Hydrogen Magic Lantern, an Oxy-Calcium Magic Lantern, or a Phantasmagoria Magic Lantern.

The OXY-CALCIUM LIGHT is the next in intensity, and the Catalogue presents various styles of apparatus in which that light is employed, capable of enlarging the Views to fifteen feet diameter. The OXY CALCIUM, particularly that with the "HOUSE GAS ATTACHMENT," is admirably adapted for exhibitions in Halls and Churches of medium capacity, Drawing-Room Entertainments, Lodge Rooms, etc. (See Apparatus Nos. 620 to 639.)

. For \$12.00 extra, either of the Oxy-Calcium Stereopticons can be supplied with two Bi-unial Oil Lamps, and Dissolver; thus allowing the apparatus to be converted at will into an Oxy-Calcium Stereopticon, or a Bi-unial Dissolving View Apparatus.

. For \$5.00 extra, either of the Oxy-Calcium Magic Lanterns can be supplied with a Bi-unial Oil Lamp; thus allowing the apparatus to be converted at will into an Oxy-Calcium Magic Lantern, or a Phantasmagoria Magic Lantern.

THE DISSOLVING VIEW APPARATUS AND PHANTASMAGORIA MAGIC LANTERNS WITH BI-UNIAL LAMP, will make a highly satisfactory picture up to eight feet diameter, and will be found suitable for use in small halls, Sunday school rooms, societies, family amusements, etc. (See Apparatus Nos. 640 to 653.)

THE PARLOR MAGIC LANTERNS are designed especially for use in residences where a connection can be made with a gas burner, and an exhibition for the younger members of the family got up at a moment's notice. Secret societies have also found them very serviceable. (See Nos. 660 to 662.)

THE CABINET MAGIC LANTERN is the cheapest form of Exhibition Lantern in the market, and has been very popular with those who wish an economical outfit. The "\$50.00 OUTFITS" and the "\$25.00 OUTFITS" described in this Catalogue, have met the demand for a good cheap outfit, and have given excellent satisfaction. (See Nos. 670, 671.)

The "Dissolving Views" require for their production a pair of "Dissolving View Lanterns" or a "Stereopticon," but many pretty effects can also be produced by a SINGLE MAGIC LANTERN with great simplicity and ease; for instance, by holding a piece of delicately tinted glass in front of the object glasses of a Magic Lantern, an entire change is produced upon the picture on the screen, giving it a color corresponding with the tint of the glass; and by the exercise of a little taste in selection of the colors employed, a variety of delicate transformations may thus be produced—a blue glass will give the effect of moonlight, a light red glass will cast a sunset glow over the picture, and so on. Statuary, also, can be colored by the use of these "tinters."

An exhibitor must be careful to have the apparatus always in perfect condition and the views arranged in the order in which they are to be shown; so, that in the dark, the hand can be immediately placed upon the required slider. He must never be in a hurry, and the audience must not be allowed to come too close to the apparatus, for some inquisitive intermeddler will be sure to make confusion by displacing the views, and thus mar the beauty of the exhibition.

OXY-HYDROGEN STEREOPTICON

No. 600



The "Oxy-Hydrogen" or "Drummond" Light is the invention of the late Professor ROBERT HARE, M. D., of the University of Pennsylvania, and produced by the ignition of lime in a compound flame of oxygen and hydrogen gases. The light thus obtained is the most intense that can be practically applied, and is at the same time, easily and economically procured; the entire expense of making the gas for an evening's exhibition being about a Dollar.

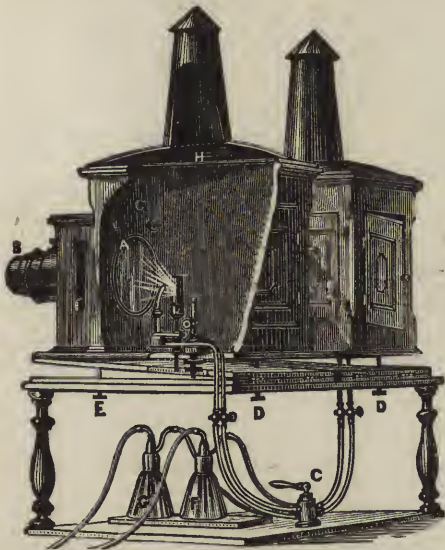
The Oxy-Hydrogen Apparatus, as heretofore made, has not been free from danger, and accidents have sometimes occurred, have introduced several improvements in their construction by which all danger is removed, and the greatest amount of light obtained, with absolute safety to the operator. These improvements are peculiar to the Apparatus sold by me, have been fully tested by an experience of several years, and have received the unqualified commendation of every scientific man who has examined them.

OXY-HYDROGEN STEREOPTICONS.

No. 600.

First Premium Oxy-Hydrogen Stereopticon.

Consisting of two Lanterns of finely-finished and well-seasoned kiln-dried mahogany with double metal tops; each fifteen inches long, eleven inches wide, eleven inches high; hinged Door at back and also at side of each Lantern; the front of each Lantern removable at pleasure to accommodate accessory apparatus for chemical or scientific experiments; mounted on elevated mahogany Platform, with lateral and vertical Movements for each Lantern; T. H. McAllister's Slide Spring and Stop; Indicator for pointing out to the audience any particular part of the view; first-quality plano-convex Condensing-Lenses, $4\frac{5}{8}$ inches diameter, mounted in brass; Extra-quality large-size Achromatic Object Glasses, giving four different magnifying powers, free from chromatic or spherical aberration; Rack-work Adjustment for focussing; first-quality Oxy-hydrogen Jets, tipped with platina, to burn the mixed gases, with elevating and clamping Screws to each Jet, and also for the Lime Cylinders; Safety Bottle for each gas; improved Dissolving Key; copper Oxygen Retort, with Stand, Argand Spirit Lamp, Purifier and india-rubber Tubing; copper Hydrogen Generator, with Purifier and india-rubber Tubing; extra-large (30x40x30 inches area, 85 gallons capacity) canvas-lined india-rubber Gas-Bag for Oxygen; extra-large (30x40x30 inches area, 85 Gallons capacity) canvas-lined india-rubber Gas-Bag for Hydrogen; blue and red glass Tinters; one-dozen prepared Lime Cylinders; one charge Chemicals for making oxygen. All the metal work of this Stereopticon is finished with heavy nickel plate, and therefore, not tarnished by use or exposure, and always presenting a handsome appearance. This instrument is made throughout in the very best manner; is adapted for use in the largest halls, and will magnify the Views of any desired size up to thirty-five feet square (1,225 square feet of surface), with fine definition and powerful illumination. Securely packed in two strong packing cases with hinged lids, locks and handles.....\$450.00



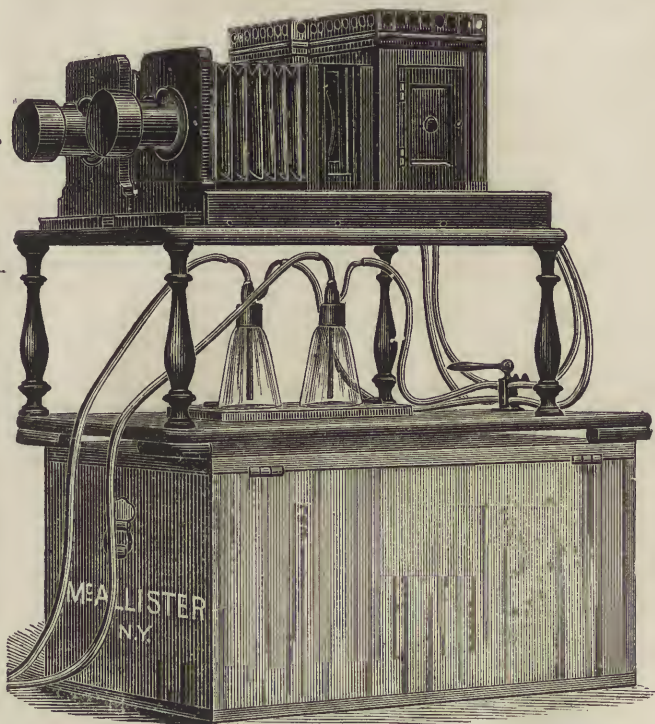
The annexed engraving will illustrate the construction of No. 600, the side of one Lantern being cut away to show the interior.

- A—Condensing Lenses.
- B—Object Glasses.
- C—Dissolving Key to transfer the gases from one Lantern to the other.
- D—Elevating Screw to elevate Back of each Lantern.
- E—Elevating Screw to elevate Front of each Lantern.
- F—Safety Bottle for Hydrogen.
- G— “ “ for Oxygen.
- H—Air Chamber for ventilation.

McAllister's "Universal" Stereopticon.

The "UNIVERSAL" is a new pattern, of most improved construction, giving many advantages over any other form of Oxy-Hydrogen Stereopticon for general exhibition purposes, as well as for Colleges, Public Institutions, etc.

The UNIVERSAL Stereopticon contains all the valuable points of our First Premium Stereopticon No. 600. The mountings and bodies being in plainer finish, though equal in performance and durability.



The above engraving represents the "UNIVERSAL" when set up with the Lanterns side by side, showing the general form of the apparatus, separable platform with the safety bottles, packing case, etc.

The only Oxy-Hydrogen Stereopticon in which the Lanterns can be placed either side by side, or one above the other, or can be separated and used singly.

The only "2-Story" Stereopticon which can be operated at will from either the Right Hand, or the Left Hand side.

The only "2-Story" Stereopticon in which there is a free current of air between the Lanterns, so as to prevent the upper Lantern from becoming unduly heated.

In this "2-Story" Stereopticon the ENTIRE upper Lantern can be depressed or elevated;—(in other makes, generally the Front only, carrying the Object Glasses, can be depressed or elevated, the light from the Jet consequently being thrown out of line).

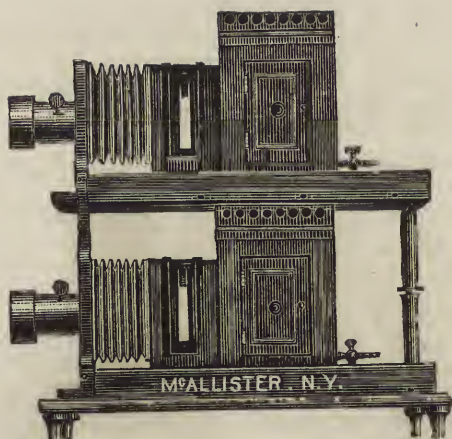
In addition to the above points of excellence, the "UNIVERSAL" combines various other advantages, among which may be mentioned the following:

THE BELLOWS EXTENSION FRONT, allowing Object Glasses of any range of Focus to be used, without dispersing the light over the Hall.

REMOVABLE FRONT. The Bellows Extension Front can be removed in a moment, so as to admit Vertical Attachment No. 680, Microscopic Attachment No. 681, or any other piece of apparatus for Scientific experiments.

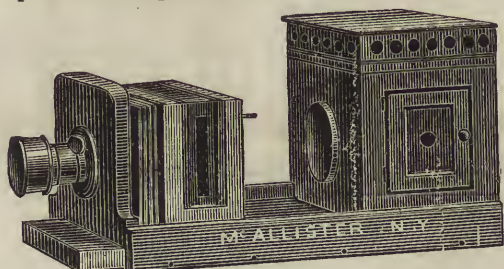
The Lantern bodies are extremely compact, but being thoroughly ventilated, do not become so warm as to be uncomfortable to the operator.

The "Universal"



Stereopticon.

The above engraving represents the "UNIVERSAL" when set up as a 2-Story" Stereopticon, showing the Bellows Front, Ventilating Apertures, etc.



The above engraving represents one of the Lanterns detached to use as a Single Lantern—showing the mode of detaching the Front from the Body of the Lantern, for use of Vertical Attachment No. 680, or any other accessory for Scientific experiments.

McAllister's UNIVERSAL Stereopticon consists of 2 Lantern Bodies of Mahogany, $7\frac{1}{2}$ inches long, $7\frac{1}{2}$ inches wide, $12\frac{1}{2}$ inches high, outside measure; each body lined with Metal on inside, with double Metal top thoroughly perforated for ventilation; Bellows front with extension admitting of Object Glasses of any length of focus, the front removable for accommodation of accessory apparatus for Scientific experiments; mounted on elevated mahogany platform as shown in engraving; Slide Spring and Stop; Indicator for directing the attention of the audience to the details of the View; first quality Plano-Convex Condensing Lenses, $4\frac{5}{8}$ inches diameter, mounted in Brass; extra quality Achromatic Object Glasses, giving four varieties of magnifying power, with Rack work adjustment for focus; first quality Oxy-Hydrogen Jets, platina tipped, with elevating and clamping Screws for Jets and also for Lime Cylinders; Safety Bottle for each Gas; compound Dissolving Key; Copper Oxygen Retort with Stand, Spirit Lamp and Purifier; Oxygen Gas Bag, extra large size (85 gallons capacity), of first quality India Rubber, canvas lined; Copper Hydrogen Generator with Purifier; Hydrogen Gas Bag, extra large size (85 gallons capacity), of first quality India Rubber, canvas lined; Blue and Red Glass Tinters; one dozen prepared Lime Cylinders; one charge Chemicals for making Oxygen. Securely packed in two strong packing cases with hinged lids, locks and handles, - **\$365 00**

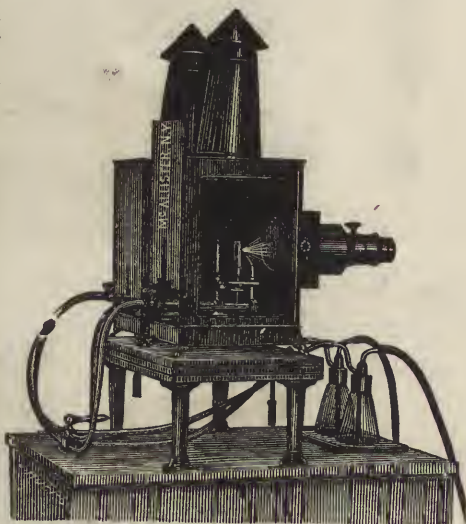
For the convenience of parties already possessing the necessary Gas Apparatus, and also for those residing in large cities where the Gases can be purchased condensed in Metal Cylinders, we sell the UNIVERSAL STEREOPTICON with omission of Elevated Platform, Oxygen and Hydrogen Apparatus and Gas Bags, and with our Patent High Pressure Dissolving Key in place of the Compound Key,* for..... **\$270 00.**

* The Compound Key is especially designed for use with bags, while our Patent High Pressure Key (see description on colored sheet), is the only Key by which the perfection of Dissolving Effects can be obtained with the gases condensed, in cylinders.

No. 601.

Oxy-Hydrogen Stereopticon.

Consisting of two Japanned Lanterns, extra heavy material, each 10 by 8 inches square, 16 inches high; hinged door at side, and sliding door at back of each Lantern; mounted on mahogany Platform, with elevating screw for each Lantern; first quality Plano-convex Condensing Lenses, $4\frac{5}{8}$ inches diameter: **Extra-quality large-size Achromatic Object Glasses,** (giving four different magnifying powers, free from chromatic or spherical aberration, with Rack-work for focussing; T. H. McAllister's Slide Spring and Stop; first-quality Oxy-hydrogen Jets, platina tipped, to burn the mixed gases, with elevating and clamping screws to each Jet, and also for the Lime Cylinders; Safety Bottle for each gas; improved Dissolving Key; copper Oxygen Retort, with stand, Argand Spirit Lamp, Purifier and india-rubber Tubing; copper Hydrogen Generator, with Purifier and india-rubber Tubing; extra-large (30x40x30 inches area, 85 gallons capacity), canvas-lined india-rubber Gas-Bag for Oxygen; extra-large (30x40x30 inches area, 85 gallons capacity), canvas-lined india-rubber Gas-Bag for Hydrogen; blue and red glass Tinters; one dozen prepared Lime Cylinders; one charge Chemicals for making oxygen. This instrument is adapted for use in the largest halls, and will magnify the Views of any desired size up to thirty-five feet square (1,225 square feet of surface), with fine definition and powerful illumination. Securely packed in substantial dovetailed packing case, with hinged lid, lock and handles. **\$350.00**



No. 602.

Oxy-Hydrogen Stereopticon.

Consisting of two Japanned Lanterns, each ten by eight inches square, sixteen inches high; hinged Door at side, and sliding Door at back of each Lantern; mounted on mahogany Platform; first-quality plano-convex Condensing Lenses, $4\frac{5}{8}$ inches diameter; **first-quality achromatic object Glasses,** giving High and Low-power Combinations; brass Rack-work Adjustment for focussing; T. H. McAllister's Slide Spring and Stop; first-quality Oxy-hydrogen Jets, tipped with platina, to burn the mixed gases, with elevating and clamping Screws to each Jet, and also for the Lime Cylinders; Safety Bottle for each gas; improved Dissolving Key; copper Oxygen Retort, with Stand, Argand Spirit Lamp, Purifier and india-rubber Tubing, and canvas-lined Oxygen Gas-Bag (30x40x30 inches area, 55 gallons capacity); copper Hydrogen Generator with Purifier and india-rubber Tubing, and canvas-lined Hydrogen Gas-Bag (30x40x30 inches area, 85 gallons capacity); one dozen prepared Lime Cylinders; one charge Chemicals for oxygen. This instrument will magnify the Views brilliantly of any desired size up to thirty feet. Securely packed in substantial dovetailed packing-case, with hinged lid, lock and handle. **\$225.00.**

No. 603.

Oxy-Hydrogen Stereopticon.

Consisting of two Japanned Lanterns, each ten by eight inches square, sixteen inches high ; hinged Door at Side and sliding Door at back of each Lantern ; first quality plano-convex Condensing Lenses, $4\frac{1}{2}$ inches diameter ; first quality Achromatic Object Glasses, giving High and Low-power Combinations ; brass Rack-work Adjustment for focussing ; T. H. McAllister's Slide Spring and Stop ; first quality Oxy-hydrogen Jets, tipped with platina, to burn the mixed gases, with elevating and clamping Screws to each Jet, and also for the Lime Cylinders ; Safety Bottle for each gas ; improved Dissolving Key ; copper Oxygen Retort, with Stand, Argand Spirit Lamp, Purifier and India-rubber Tubing, and canvas-lined Oxygen Gas-Bag (30x40x20 inches area, 5 gallons capacity) ; copper Hydrogen Generator, with Purifier and India-rubber Tubing, and canvas-lined Hydrogen Gas-Bag (30x40x30 inches area, 85 gallons capacity) ; one dozen prepared Lime Cylinders ; one charge Chemicals for oxygen. This instrument will magnify the Views brilliantly of any desired size, to twenty-five feet. Securely packed in substantial, dovetailed packing-case, with hinged lid, lock and handles. The lid is made with slip hinges, so that it can be removed in an instant ; this lid serves as a platform for the Apparatus, the Dissolving Key being permanently attached to the inner side\$200.00

No. 603½.

Oxy-Hydrogen Stereopticon.

Same dimensions, accessories, and magnifying powers as No. 603 ; but with Condensing Lenses $4\frac{5}{8}$ inches diameter, by which a superior illumination is obtained.....\$210.00

No. 604.

Oxy-Hydrogen Stereopticon.

Consisting of two Japanned Lanterns, each ten by eight inches square, sixteen inches high ; hinged Door at side, and sliding Door at back of each Lantern ; first quality plano-convex Condensing Lenses, $4\frac{1}{2}$ inches diameter ; concavo-convex Object Glasses, High, Medium and Low-power Combinations ; brass Rack-work Adjustment for focussing ; T. H. McAllister's Slide Spring and Stop ; first quality Oxy-hydrogen Jets, tipped with platina, to burn the mixed gases, with elevating and clamping Screws to each Jet, and also for the Lime Cylinders ; Safety Bottle for each gas ; improved Dissolving Key ; copper Oxygen Retort, with Stand, Argand Spirit Lamp, Purifier and India-rubber Tubing, and canvas-lined Oxygen Gas-Bag (30x40x20 inches area, 55 gallons capacity) ; copper Hydrogen Generator, with Purifier and India-rubber Tubing, and canvas-lined Hydrogen Gas-Bag (30x40x30 inches area, 85 gallons capacity) ; one dozen prepared Lime Cylinders ; one charge Chemicals for oxygen. Securely packed in substantial, dovetailed packing case, with hinged lid, lock and handles. The lid is made with slip hinges, so that it can be removed in an instant ; this lid serves as a platform for the Apparatus, the Dissolving Key being permanently attached to the inner side.....\$175.00

No. 604½.

Oxy-Hydrogen Stereopticon.

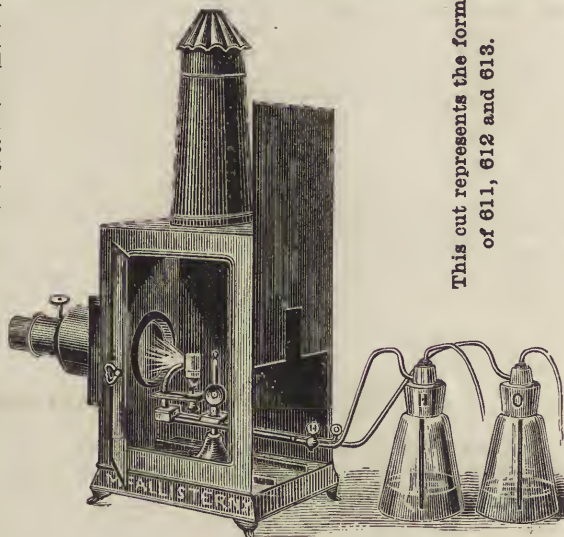
Same dimensions, accessories, and magnifying powers as No. 604 ; but with Condensing Lenses $4\frac{5}{8}$ inches diameter, by which a superior illumination is obtained.....\$185.00

OXY-HYDROGEN MAGIC LANTERNS.

No. 610.

First Premium Oxy-Hydrogen Magic Lantern.

Consisting of Lantern of finely finished and well seasoned kiln dried mahogany, with metal top; fifteen inches long, eleven inches wide, eleven inches high; hinged Door at back and side; the front removable at pleasure to accommodate accessory apparatus for chemical or scientific experiments; mounted on elevated mahogany Platform, with lateral and vertical Movement to Lantern; first quality plano-convex Condensing Lenses, $4\frac{5}{8}$ inches diameter, mounted in brass; Extra Quality Large Size Achromatic Object Glasses, giving four different magnifying powers; Rack-work Adjustment for



This cut represents the form of 611, 612 and 613.

focussing; T. H. McAllister's Improved Slide Spring and Stop; first-quality Oxy-Hydrogen Jet, platina tipped, to burn the mixed gases, with elevating and clamping Screw for Jet, and also for the Lime Cylinder; Safety Bottle for each gas; copper Oxygen Retort, with Stand, Argand Spirit Lamp, Purifier and India-Rubber Tubing, and extra-large canvas-lined india-rubber Oxygen Gas-Bag, (30x40x30 inches area, 85 gallons capacity); copper Hydrogen Generator, with Purifier and India-Rubber Tubing, and extra-large canvas-lined india-rubber Hydrogen Gas-Bag, (30x40x30 inches area, 85 gallons capacity); one dozen prepared Lime Cylinders; one charge Chemicals for making Oxygen. All the metal work of this Lantern is finished with heavy nickel plate, and therefore, not tarnished by use or exposure, and always presenting a handsome appearance. Securely packed in substantial, dovetailed packing case, with hinged lid, lock and handles..... \$275.00

No. 611.

Oxy-Hydrogen Magic Lantern.

Consisting of Japanned Lantern, extra heavy material, ten by eight inches square, sixteen inches high; hinged Door at side and Sliding Door at back; mounted on mahogany platform; first quality, plano-convex Condensing Lenses $4\frac{5}{8}$ inches diameter; extra large size Achromatic Object Glasses, giving four different magnifying powers, free from Chromatic or Spherical aberration, with Rack-work adjustment for focussing; T. H. McAllister's Slide Spring and Stop; first quality Oxy-Hydrogen Jet, platina tipped, to burn the mixed gases, with elevating and clamping Screw for Jet, and also for the Lime Cylinder; Safety Bottle for each Gas; copper Oxygen Retort, with Stand, Argand Spirit Lamp, Purifier and india-rubber Tubing; copper Hydrogen Generator, with Purifier and india-rubber Tubing; extra large (30x40x30 inches area, 85 gallons capacity), canvas-lined india-rubber Gas-Bag, for Oxygen; extra large (30x40x30 inches area, 85 gallons capacity), canvas-lined india-rubber Gas-Bag for Hydrogen; blue and red glass Tinters; one dozen prepared Lime Cylinders; one charge Chemicals for making Oxygen. Securely packed in substantial dovetailed packing case, with hinged lid, lock and handles..... \$225.00

No. 612.

Oxy-Hydrogen Magic Lantern.

Consisting of Japanned Lantern, ten by eight inches square, sixteen inches high; first quality plano-convex Condensing Lenses, 4½ inches diameter; first quality Achromatic Object Glasses, giving High and Low-power Combinations; brass Rack-work Adjustment for focussing; T. H. McAllister's Slide Spring and Stop; first quality Oxy-hydrogen Jet, platina tipped, to burn the mixed gases, with elevating and clamping Screws for Jet, and also for the Lime Cylinder; Safety Bottle for each gas; copper Oxygen Retort, with Stand, Argand Spirit Lamp, Purifier and India-rubber Tubing, and canvas-lined India-rubber Gas-Bag (30x40x20 inches area, 55 gallons capacity), for Oxygen; copper Hydrogen Generator, with Purifier and India-rubber Tubing, and canvas-lined India-rubber Gas Bag (30x40x30 inches area, 85 gallons capacity), for Hydrogen; one dozen prepared Lime Cylinders; one charge Chemicals for Oxygen. Securely packed in neatly finished dovetailed packing case, with hinged lid, lock and handles.....\$140.00

No. 612½.

Oxy-Hydrogen Magic Lantern.

Same dimensions, accessories, and magnifying powers as No. 612; but with Condensing Lenses 4½ inches diameter, by which a superior illumination is obtained.....\$145.00

No. 613.

Oxy-Hydrogen Magic Lantern.

Consisting of Japanned Lantern, ten by eight inches square, sixteen inches high; first quality plano-convex Condensing Lenses, 4½ inches diameter; concavo-convex Object Glasses, High, Medium, and Low-power Combinations; brass Rack-work Adjustment for focussing; T. H. McAllister's Slide Spring and Stop; first quality Oxy-hydrogen Jet, platina tipped, to burn the mixed gases, with elevating and clamping Screws for Jet, and also for the Lime Cylinder; Safety Bottle for each gas; copper Oxygen Retort with Stand, Argand Spirit Lamp, Purifier and India-rubber Tubing, and canvas-lined India-rubber Gas-Bag (30x40x20 inches area, 55 gallons capacity), for Oxygen; copper Hydrogen Generator, with Purifier and India-rubber Tubing, and canvas-lined India-rubber Gas-Bag (30x40x30 inches area, 85 gallons capacity), for Hydrogen; one dozen prepared Lime Cylinders; one charge Chemicals for Oxygen. Securely packed in neatly finished dovetailed packing case, with hinged lid, lock and handles.....\$130.00

No. 613½.

Oxy-Hydrogen Magic Lantern.

Same dimensions, accessories, and magnifying powers as No. 613; but with Condensing Lenses 4½ inches diameter, by which a superior illumination is obtained.....\$135.00

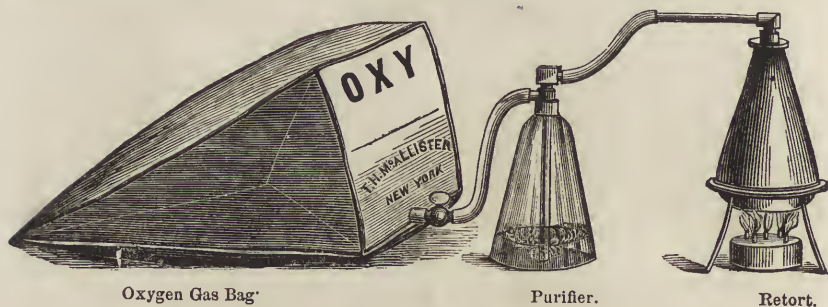
No. 614.

"The College" Magic Lantern.

Consisting of Mahogany Lantern, eleven inches long, eleven inches high, eight inches wide, with metal top; hinged Door at back and side; on raised mahogany Platform, fourteen inches wide, twenty-four inches long; allowing in front of the Lantern a table twelve by fourteen inches for the accommodation of accessory apparatus in illustrating experiments in optics, chemistry, etc.; plano-convex Condensing Lenses, 4½ inches diameter; first quality Achromatic Object Glasses, giving High and Low-power Combinations, mounted on brass Pillar, which can be immediately removed for accessory apparatus; Rack-work Adjustment for focus; horizontal and vertical Stages; Mirrors to reflect the image; glass Tanks for fluids; first quality Oxy-hydrogen Jet, platina tipped, to burn the mixed gases, with elevating and clamping Screws for Jet, and also for the Lime Cylinder; Safety Bottle for each gas; one dozen prepared Lime Cylinders. All the metal work of this Lantern is finished with heavy nickel plate. The vertical attachment makes it particularly desirable as an educational apparatus for exhibiting experiments with fluids.. \$175.00

The COLLEGE MAGIC LANTERN can be supplied with Gas-Bags and Apparatus for making the Gases, if desired, at an extra cost of \$80.00.

Instructions for the Oxy-Hydrogen Stereopticons.



Oxygen Gas Bag

Purifier.

Retort.

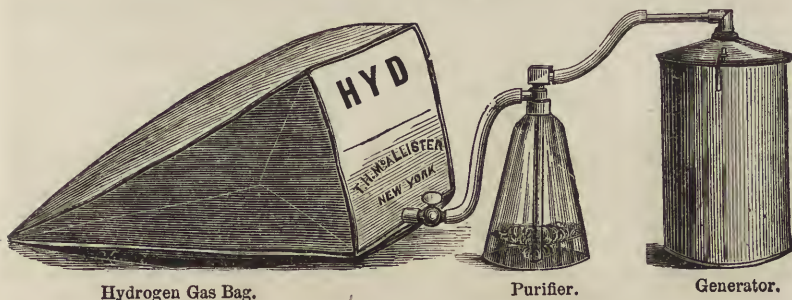
TO PREPARE THE OXYGEN GAS.

First blow through all the Pipes and connections, so as to satisfy yourself that there is nothing to obstruct the free passage of the Gas; also examine the Retort to see that it is clean and dry. Place in the Retort eighteen ounces **Chlorate of Potash** in a coarse powder, and six ounces **Black Oxide of Manganese** (the addition of the Black Oxide of Manganese enables the Chlorate of Potash to give off the Oxygen at a lower temperature). Shake the Retort that the ingredients may be well mixed.

Pour into the *Glass Purifier* sufficient water to cover the end of the brass Tube about half an inch, as shown in the above illustration, and fit the Tube into the opening at the top of the Purifier. This Tube is connected by the india-rubber tube with the longer metal Tube, which you now fit into the top of the Retort. Press them, and the Fittings will be completely gas-tight. Light the Spirit Lamp under the Retort, and in a few minutes bubbles of Gas will come up through the Water in the Purifier; and the Purifier is now to be connected with the Gas Bag by the india-rubber Tube, as shown in the illustration. If the Gas comes over too violently, remove the Lamp, and replace it when the flow of Gas becomes more moderate, and keep it under the Retort until the bubbles of Gas cease to come over. Then turn the Cock at the Bag and detach the Bag from the Purifier; next, remove the metal Tube from the Purifier, and last of all remove the Spirit Lamp.

When the Retort has cooled down, wash out the residuum in it, and stand it up-side down, that it may be dry before it is used again, as it is absolutely necessary that there shall be no moisture in the Retort while the Gas is being made. The Tubes connecting the Retort and the purifier must be occasionally washed out, as some of the fine dust of the Chemicals, which is carried over with the Gas, lodges in the Tubes and obstructs the passage of the Gas.

Failures sometimes occur from using impure Chemicals. To test them, pour a small portion of the mixed Chemicals in an iron spoon, and hold it over a Spirit Lamp. If the materials are not good, an explosion will occur, and a whitish mass with red spots will be left in the spoon; but if they are pure, there will be no explosion and the melted mixture will soon dry up, leaving a dark gray residuum. To accommodate my customers with good Chemicals, I purchase the ingredients direct from the importers, warranted pure, and have them put up ready mixed, in packages containing each one charge, making enough Oxygen for an evening's exhibition. Price: 50 cents per package; \$5 00 per dozen.



Hydrogen Gas Bag.

Purifier.

Generator.

TO PREPARE THE HYDROGEN GAS.

For this purpose a generator is furnished with the apparatus, consisting of an outer copper Tank, with an inner copper Drum. This Drum has a perforated false bottom, and in the top of it is screwed a brass Tube. Withdraw the copper Drum, remove the false bottom, and place within the Drum any convenient quantity of Zinc in small pieces, then replace the false bottom, and the Zinc will be retained.

Pour in the outer copper Tank about two quarts of Water, and add to that about one pound of Sulphuric Acid (common Oil of Vitriol). Stir the mixture with a stick and let it stand from fifteen to twenty minutes, that the acid may be thoroughly and uniformly diluted. Replace the copper Drum in the Tank, securing it in position by the Clamping Rods. Pour into the Purifier sufficient Water to cover the end of the brass Tube about half an inch, as shown in the above illustration. Connect the top opening of the Purifier with the Generator, and the side opening with the Gas Bag, by means of the flexible Tubes. Turn on the Cock at the Bag. The Gas will now begin to pass over, and can be seen bubbling up through the Water in the Purifier, and the process will continue until the Bag is full, or until the materials in the Generator are exhausted. After having made the Gas, shut off the Cock at the Bag and detach the Purifier. Remove the inner copper Drum and wash it and the Zinc with clean Water. Empty the Acid from the copper Tank. If it is fresh, pour it into a bottle for future use; but if it is not fresh, it is better to throw it away than to run the risk of a failure from poor Acid. Wash the Tank with clean Water.

It is recommended to make the Hydrogen in the open air, to avoid damage to clothing or furniture from the spilling of the Acid, which is almost unavoidable.

The Gas furnished by the public gas works answers equally as well as pure Hydrogen Gas. Therefore, in cities and towns where there are Gas Works, the manufacture of Hydrogen can be dispensed with, and the Hydrogen Gas Bag can be filled by making connection between the Bag and gas burner, with a piece of the india-rubber Tubing.

To Operate the Oxy-Hydrogen Stereopticons.

The apparatus must be at a proper distance from the Screen to produce the views of the desired dimensions (see table on page 6, having the lenses, as nearly as possible, on a level with the centre of the Screen. The Condensing Lenses and Object Glasses must be carefully cleaned, previous to each exhibition. Place the Lanterns on the Platform, each on its own Pivot. Set the Safety Bottles in their Sockets, having proper quantity of water in each. Place the Oxy-Hydrogen Jets in the Lanterns with a cylinder of good, hard Lime in the Lime Carrier of each. On the floor in front of the apparatus, place the Gas Bags, each under its Pressure Board.

On the Oxygen Bag there should be about two hundred and fifty pounds weight, and the same on the Hydrogen if House Gas is used; if, however, pure Hydrogen (made from Zinc and Sulphuric Acid) is used, there should be from one hundred and fifty to two hundred hundred pounds weight on the Hydrogen. The

best way to provide the weights for a traveling exhibition is to procure good stout bags, such as are used for grain or salt, and carry these along with the apparatus, and fill them with dirt or sand, which can be thrown out at the close of the performance, and the bags packed up with the apparatus.

With the long, flexible Tube marked HYD, connect the Hydrogen Bag with the top opening of the Hydrogen Safety Bottle, then connect the side opening of the same with the Dissolving Key, and that again with the Cock of each Jet marked H. (The Hydrogen is always the outside Stop Cock of each Jet; the Oxygen is always the inside Stop Cock of each Jet. All the flexible Tubes which form the Hydrogen connections are distinctly marked HYD, at each end). With the long, flexible Tube marked OXY, connect the Oxygen Bag with the top opening of the Oxygen Safety Bottle, then connect the side opening of the same with the Dissolving Key, and that again with the Cock of each Jet marked O (All the flexible Tubes which form the Oxygen connections are distinctly marked OXY at each end). Turn the Cock at each Bag, and also the Cocks at the Jets full head on, and set the Lever of the Dissolving Key so as to send the Gases equally to each Jet. If the Pipes are all clear and unobstructed, and the weights on the Bags are correctly adjusted, the Gases will be seen bubbling up, with equal force, through the Water in each of the Safety Bottles. Move the Lever of the Dissolving Key from side to side, and notice if the bubbles in each of the Safety Bottles continue to come up without interruption. If there is any interruption, the Tubes must be detached and examined, as well as the Jets, to ascertain where the obstruction is, and to remove the cause. Allow the Gases to pass through in this way for half or about one minute, so as to expel all the atmospheric air from the Tubes. Then stop the Gases at each Jet, and turn on a little Hydrogen to each Jet, by the Cocks marked H, and light it with a match as it issues from the Jet. Allow the Hydrogen to burn thus for about two minutes, that the Lime Cylinders may be gradually heated up. (The Lime Cylinders generally require to be about one-eighth of an inch from the Jet, but this will vary with different samples of Lime. The Lime Carriers, therefore, are mounted on a Sliding Bar with Clamping and Elevating Screws for ease of adjustment). Move the Lever of the Dissolving Key to the right until it is stopped by the Pin. This will send almost all the flow of each Gas to the Jet in the right-hand Lantern, thus reducing the flame in the left-hand Lantern to a small size—merely enough to keep up the flow. Next, turn on very gradually the Oxygen to the Jet in the right-hand Lantern, by the Cock attached thereto marked O, and then increase the flow of each gas very gradually until the light is brilliant and dazzling. To obtain this, requires the Gases to be very delicately proportioned to each other—too much either of Oxygen or of Hydrogen will reduce the intensity of the light and waste Gas. When the light is perfect, there will be scarcely any flame visible, but the front surface of the Lime Cylinder will be of such a dazzling brightness that that the eye cannot look directly at it without injury. Never look, therefore, at the lime itself, but observe its reflection in the Condensing Lens and its condition can be seen exactly. Always follow this rule. Then move the Lever of the Dissolving Key to the extreme left, and adjust the Jet in the left-hand Lantern, in the same way as directed above. Place a View in the left-hand Lantern and adjust the Focus. Move the Jet back and forth from the Condensing Lenses, and slide it up and down on the Rod until the Picture on the Screen is evenly illuminated, then secure it by the Clamping Screw. Move the Lever of the Dissolving Key, and transfer the Gases to the Jet in the right-hand Lantern. Place a View in the right-hand Lantern, and adjust the Focus, and adjust the Jet as directed above. Turn the Lever of the Dissolving Key half way, and each Picture will be seen on the Screen. Move the Lanterns on the Pivots in front, so as to bring both Pictures on the same space, or make them “register.” Then, by moving the Lever of the Dissolving Key from one side to the other, thereby transferring the Gases from one Jet to the other, the Pictures will beautifully dissolve one into the other—one will fade away and the other replace it on the Screen in a manner which never fails to astonish and delight the audience.

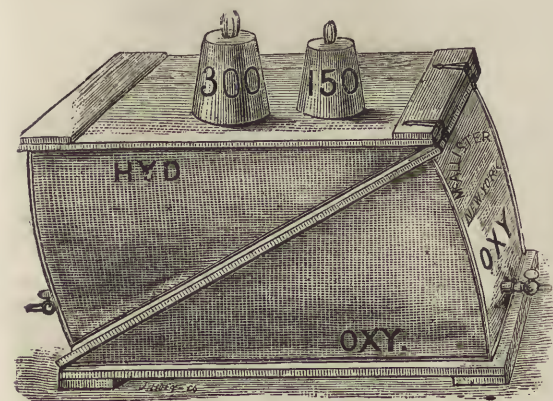
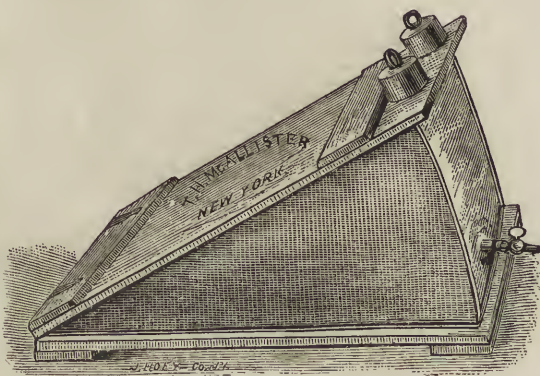
While a picture in one Lantern is before the audience, and the explanation of it is being made, quietly withdraw the View from the other Lantern, and replace it by another, and dissolve by moving the Lever of the Dissolving Key. To show Statuary upon a colored ground, place a colored Tinter in one Lantern, which will produce a colored Screen, then place a statuary Slide in the other Lantern, move the Lever of the Dissolving Key half way, and the Statuary will appear on the col-

ored background, and can be slowly dissolved out in the same way. The Lime Cylinders must be turned occasionally during the exhibition, to present a new surface, and the proportions of the Gases will require adjusting every now and then.

At the close of the exhibition, (or if it should be necessary, during the exhibition, to make any change in the position of the Gas Bags, or of the Weights), turn off both Gases at the Bags—the Oxygen first, and then the Hydrogen. Force out any Gas that may remain in the Bags; and, if the Apparatus is not to be used immediately, the Bags will be better preserved by hanging them up in a dry, cool room, where there will be a free circulation of air.

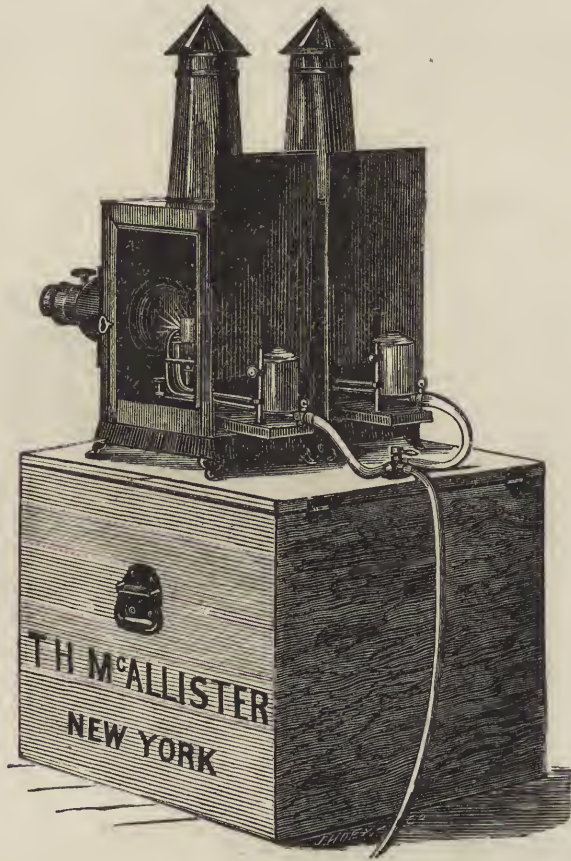
Directions for Making Pressure Boards.

The Pressure Boards should be made of first-quality lumber, free from knots or imperfections—planed smooth on both sides, tongued and grooved. Make them 32 inches wide, 42 inches long. Battens 6 inches wide at each end of the lower board. The upper batten of the top board set 6 inches back from the end, to make a rest for the weights. The battens screwed on, NOT NAILED, care being taken that the ends of the screws do not project through and thus injure the bag. The two boards hinged together by wrought iron strap hinges, bent over, and screwed to outside of the battens. Leave about half an inch space between the boards to allow for thickness of bag. (The strap hinges can be furnished at 50 cents a pair).



Some operators prefer to make a double pressure board, placing the bags one over the other, as shown in this diagram, and thus make the same weights answer for both bags.

OXY-CALCIUM STEREOPTICONS.



The Oxy-Calcium Light is inferior to the oxy-hydrogen, though far more intense than the most brilliant oil lamp, its illuminating power being equal to the light of one hundred candles. It differs from the oxy-hydrogen in using but one gas, oxygen; the flame of an alcohol lamp replacing the hydrogen.

The Oxy-Calcium Apparatus is more compact and portable than the oxy-hydrogen, more simple, and more easy to manage. It will illuminate the views brilliantly when magnified to an area of fifteen feet, (two hundred and twenty-five square feet).

OXY-CALCIUM STEREOPTICONS.

No. 620.

Oxy-Calcium Stereopticon.

Consisting of Two Japanned Lanterns, each ten by eight inches square, sixteen inches high, hinged Door at side and Sliding Door at back of each Lantern; first quality plano-convex Condensing-Lenses, $4\frac{1}{8}$ inches diameter; **first-quality Achromatic Object Glasses**, giving High and Low-power Combinations; brass Rack-work Adjustment for focussing; T. H. McAllister's Slide Spring and Stop; T. H. McAllister's improved adjustable Oxy-Calcium Jets, with clamping and elevating Screws, for Lime Cylinders; Dissolving Key; copper Oxygen Retort, with Stand, Argand Spirit Lamp, Purifier and india-rubber Tubing, and canvas-lined Gas-Bag, 30x40x20 inches, 55 gallons capacity; one dozen prepared Lime Cylinders; one charge Chemicals for Oxygen. Securely packed in substantial dove-tailed packing case, with hinged lid, lock and handles; the lid is made with slip hinges, so that it can be removed in an instant. This lid serves as a platform for the Apparatus, the Dissolving Key being permanently attached to the inner side. \$145.00

No. 621.

Oxy-Calcium Stereopticon.

Consisting of Two Japanned Lanterns, each ten by eight inches square, sixteen inches high; hinged Door at side, and Sliding Door at back of each Lantern; first quality plano-convex Condensing-Lenses, $4\frac{1}{8}$ inches in diameter; **first quality Achromatic Object Glasses**, giving High and Low-power Combinations; brass Rack-work Adjustment for focussing; T. H. McAllister's Slide Spring and Stop; T. H. McAllister's improved adjustable Oxy-Calcium Jets, with clamping and elevating Screws, for Lime Cylinders; Dissolving Key; copper Oxygen Retort, with Stand, Argand Spirit Lamp, Purifier and india-rubber Tubing, and canvas-lined Gas-Bag, 30x40x20 inches, 55 gallons capacity; one dozen prepared Lime Cylinders; one charge Chemicals for Oxygen. Securely packed in substantial dove-tailed packing case, with hinged lid, lock and handles; the lid is made with slip hinges, so that it can be removed in an instant. This lid serves as a platform for the Apparatus, the Dissolving Key being permanently attached to the inner side. \$135.00

No. 622.

Same dimensions, accessories and magnifying power as No. 621; with **concavo-convex Object Glasses**. \$115.00

No. 623.

Oxy-Calcium Stereopticon.

Consisting of Two Japanned Lanterns, each ten by eight inches square, **fifteen** inches high; hinged Door at side, and Sliding Door at back of each Lantern; double convex Condensing-Lenses, $4\frac{1}{8}$ inches diameter; **first quality Achromatic Object Glasses**, giving High and Low-power Combinations; brass Slip-tube Adjustments for focussing; T. H. McAllister's Slide Spring and Stop; T. H. McAllister's improved adjustable Oxy-Calcium Jets, with clamping and elevating Screws for Lime Cylinders; Dissolving Key; copper Oxygen Retort, with Stand, Argand Spirit Lamp, Purifier and india-rubber Tubing, and canvas-lined Gas Bag, 30x40x20 inches, 55 gallons capacity; one dozen prepared Lime Cylinders; one charge Chemicals for Oxygen. Securely packed in substantial dove-tailed packing case with hinged lid, lock and handles; the lid is made with slip hinges, so that it can be removed in an instant. This lid serves as a platform for the Apparatus, the Dissolving Key being permanently attached to the inner side. \$120.00

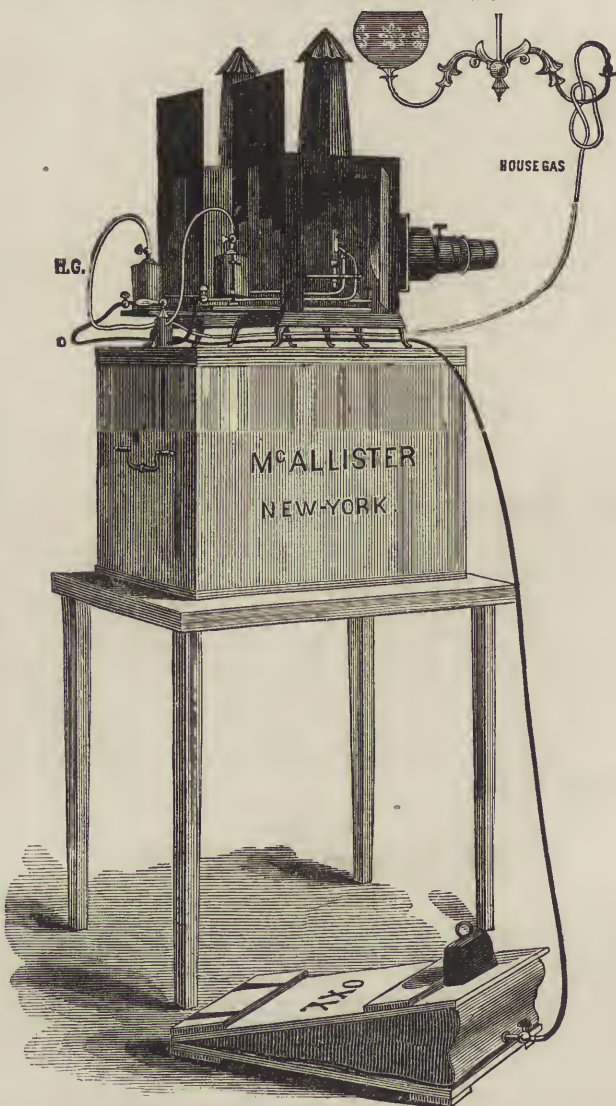
No. 624.

Same dimensions, accessories and magnifying powers as No. 623, with **Concavo-convex Object Glasses**. \$100.00

GEO. H. PIERCE, PHILADELPHIA, PA.

OXY-CALCIUM STEREOPTICONS, WITH HOUSE GAS ATTACHMENT.

See Full Instructions on Page 29



As almost every village and town is now supplied with public gas works, furnishing carbureted hydrogen gas, I have contrived a new pattern of Oxy-Calcium Stereopticon, with an attachment to connect with any gas burner, and thus burn house gas in place of the alcohol. The light is more intense than when alcohol is used, is more uniform, is more easily managed, and, at the same time, more economical. In places where there are no gas works, alcohol can be used (as in Nos. 620-624) without any alteration of the Apparatus. This form of instrument has proved very popular, and is, perhaps, for general purposes the most desirable style. It is admirably adapted for parlor entertainments, Sunday-school exhibitions, etc.

No. 625.

Oxy-Calcium Stereopticon,

WITH HOUSE GAS ATTACHMENT.

Consisting of Two Lanterns of finely-finished and well-seasoned mahogany, with metal tops; each fifteen inches long, eleven inches wide, eleven inches high; hinged door at back and also at side of each Lantern; the front of each Lantern removable at pleasure to accommodate accessory apparatus for chemical and scientific experiments; mounted on elevated mahogany Platform, with lateral and vertical Movements for each Lantern; T. H. McAllister's Slide Spring and Stop; first quality plano-convex Condensing Lenses, $4\frac{5}{8}$ inches diameter, mounted in brass; extra quality large-size Achromatic Object Glasses, giving four different magnifying powers, free from chromatic or spherical aberration; Rack-work Adjustment for focussing; first-quality Oxy-Calcium Jets, with House-Gas Attachment, with elevating and clamping Screws to each Jet, and also for the Lime Cylinders; improved Dissolving Key; copper Oxygen Retort, with Stand, Argand Spirit Lamp, Purifier, and india-rubber Tubing; extra-large canvas-lined india-rubber Gas Bag for Oxygen (82 Gallons capacity); blue and red glass Diaphragms, for statuary; one dozen prepared Lime Cylinders; one charge Chemicals for Oxygen. All the metal work of this Stereopticon is finished with heavy nickel plate. Securely packed in two strong packing cases, with hinged lids, locks and handles.....\$375.00

No. 626.

Oxy-Calcium Stereopticon,

WITH HOUSE GAS ATTACHMENT.

Consisting of Two Japanned Lanterns, each ten by eight inches square, sixteen inches high, hinged door at side and sliding door at back of each Lantern; first-quality plano-convex Condensing-Lenses $4\frac{5}{8}$ inches diameter; first quality achromatic Object Glasses; giving High and Low-power Combinations; brass Rackwork Adjustment for focussing; T. H. McAllister's Slide Spring and Stop; T. H. McAllister's improved adjustable Oxy-Calcium Jets, adapted to burn either House Gas or alcohol, with clamping Screws for Lime Cylinders; compound Dissolving Key; copper Oxygen Retort, with Stand, Argand Spirit Lamp, Purifier, and india-rubber Tubing, and canvas-lined Gas-Bag, 30x40x20 inches, 55 Gallons capacity; one dozen prepared Lime Cylinders; one charge Chemicals for Oxygen. Securely packed in substantial packing case with hinged lid, lock and handles; the lid is made with slip hinges, so that it can be removed in an instant. This lid serves as a Platform for the Apparatus, the Dissolving Key being permanently attached to the inner side.....\$155.00

No. 627.

Oxy-Calcium Stereopticon,

WITH HOUSE GAS ATTACHMENT.

Consisting of Two Japanned Lanterns, each ten by eight inches square, sixteen inches high, hinged Door at side, and Sliding Door at back of each Lantern; first-quality plano-convex Condensing-Lenses, $4\frac{1}{8}$ inches diameter; first quality achromatic Object Glasses, giving High and Low-power Combinations; brass Rackwork Adjustment for focussing; T. H. McAllister's Slide Spring and Stop; T. H. McAllister's improved adjustable Oxy-Calcium Jets, adapted to burn either House Gas or Alcohol, with clamping and elevating Screws for Lime Cylinders; compound Dissolving Key; copper Oxygen Retort, with Stand, Argand Spirit Lamp, Purifier, india-rubber tubing, and canvas-lined Gas-Bag, 30x40x20 inches, 55 Gallons capacity; one dozen prepared Lime Cylinders; one charge Chemicals for Oxygen. Securely packed in neatly-finished dove-tailed packing case, with hinged lid, lock and handles; the lid is made with slip hinges, so that it can be removed in an instant. This lid serves as a Platform for the Apparatus, the Dissolving Key being permanently attached to the inner side.....\$145.00

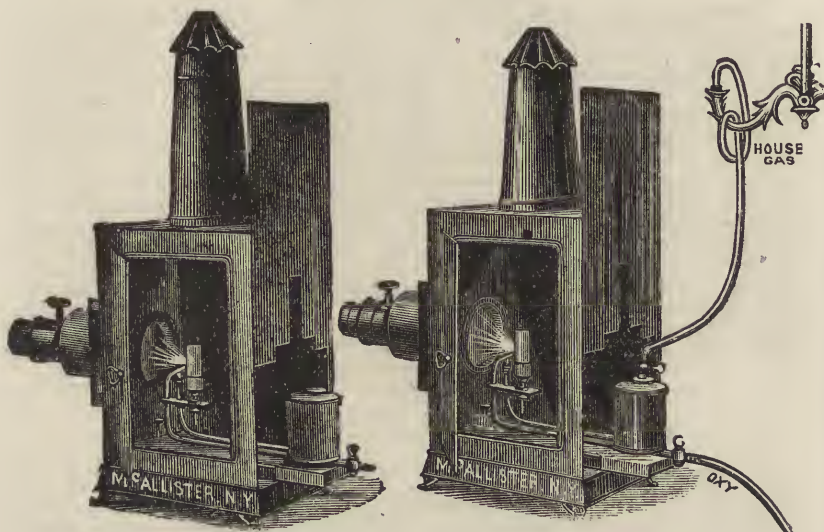
No. 628.

Same dimensions, accessories and magnifying powers as No. 627, with Concavo-convex Object Glasses.....\$125.00

GEO. H. PIERCE, PHILADELPHIA, PA.

OXY-CALCIUM MAGIC LANTERNS.

WILL MAGNIFY THE VIEWS HANDSOMELY, OF ANY DESIRED SIZE UP TO FIFTEEN FEET DIAMETER.



Nos. 630 to 634.

Nos. 635 to 639.

No. 630.

Oxy-Calcium Magic Lantern.

Consisting of Japanned Lantern, ten by eight inches square, sixteen inches high, hinged Door at side, and Sliding Door at back, first quality plano-convex Condensing-Lenses, $4\frac{1}{8}$ inches in diameter, first quality Achromatic Object Glasses, giving High and Low-power Combinations; brass Rack-work Adjustment for focussing; T. H. McAllister's Slide Spring and Stop; T. H. McAllister's improved adjustable Oxy-Calcium Jet, with clamping and elevating Screws for Lime Cylinders; copper Oxygen Retort, with Stand, Argand Spirit Lamp, Purifier and india-rubber Tubing, and canvas-lined Gas-Bag, 30x40x20 inches, 55 gallons capacity; one dozen prepared Lime Cylinders; one charge Chemicals for Oxygen.....**\$90.00**

No. 631.

Oxy-Calcium Magic Lantern.

Consisting of Japanned Lantern, ten by eight inches square, sixteen inches high hinged Door at side, and Sliding Door at back, first quality plano-convex Condensing-Lenses, $4\frac{1}{8}$ inches diameter; Achromatic Object Glasses, giving High and Low-power Combinations; brass Rack-work Adjustment for focussing; T. H. McAllister's Slide Spring and Stop; T. H. McAllister's improved adjustable Oxy-Calcium Jet, with clamping and elevating Screws for Lime Cylinders; copper Oxygen Retort, with Stand, Argand Spirit Lamp, Purifier and india-rubber Tubing, and canvas-lined Gas-Bag, 30x40x20 inches, 55 gallons capacity; one dozen prepared Lime Cylinders; one charge Chemicals for Oxygen.....**\$85.00**

No. 632.

Same dimensions, accessories and magnifying powers as No. 631, with concavo-convex Object Glasses.....**\$75.00**

No. 633.

Oxy-Calcium Magic Lantern.

Japanned Lantern, ten by eight inches square, fifteen inches high, hinged Door at side, and Sliding Door at back, double-convex Condensing-Lenses, $4\frac{1}{8}$ inch diameter; first quality Achromatic Object Glasses, giving High and Low-power Combinations; brass Slip-tube Adjustment for focussing; T. H. McAllister's Slide Spring and Stop; T. H. McAllister's improved adjustable Oxy-Calcium Jet, with clamping and elevating Screws for Lime Cylinders; copper Oxygen Retort, with Stand, Argand Spirit Lamp, Purifier and india-rubber Tubing, and canvas-lined Gas-Bag, 30x40x20 inches, 55 gallons capacity; one dozen prepared Lime Cylinders; one Charge Chemicals for Oxygen.....\$75.00

No. 634.

Same dimensions, accessories and magnifying powers as No. 633, with concavo-convex Object Glasses.....\$65.00

OXY-CALCIUM MAGIC LANTERNS,

WITH HOUSE-GAS ATTACHMENT.

No. 635.

Oxy-Calcium Magic Lantern,

WITH HOUSE GAS ATTACHMENT.

Consisting of Japanned Lantern, ten by eight inches square, sixteen inches high, hinged Door at side, and Sliding Door at back; first quality plano-convex Condensing-Lenses, $4\frac{3}{8}$ inches diameter; first quality Achromatic Object Glasses, giving High and Low-power Combinations; brass Rack work Adjustment for Focussing; T. H. McAllister's Slide Spring and Stop; T. H. McAllister's improved adjustable Oxy-calcium Jet, adapted to burn either House Gas or Alcohol, with clamping and elevating Screws for Lime Cylinders; copper Oxygen Retort with Stand, Argand Spirit Lamp, Purifier and india-rubber Tubing, and canvas-lined Gas-Bag, 30x40x20 inches, 55 gallons capacity; one dozen prepared Lime Cylinders; one charge Chemicals for Oxygen.....\$95.00

No. 636.

Oxy-Calcium Magic Lantern,

WITH HOUSE GAS ATTACHMENT.

Consisting of Japanned Lantern, ten by eight inches square, sixteen inches high, hinged Door at side, and Sliding Door at back; Plano-convex Condensing-Lenses, $4\frac{3}{8}$ inches diameter; first-quality Achromatic Object Glasses, giving High and Low-power Combinations; brass Rack-work Adjustment for focussing; T. H. McAllister's Slide Spring and Stop; T. H. McAllister's improved adjustable Oxy-Calcium Jet, adapted to burn either House Gas or Alcohol, with clamping and elevating Screws for Lime Cylinders; copper Oxygen Retort, with Stand, Argand Spirit Lamp, Purifier and india-rubber Tubing, and canvas-lined Gas-Bag, 30x40x20 inches, 55 gallons capacity; one dozen prepared Lime Cylinders; one charge Chemicals for Oxygen.....\$90.00

No. 637.

Same dimensions, accessories and magnifying powers as No. 636, with Concavo-convex Object Glasses.....\$80.00

No. 638.


Oxy-Calcium Magic Lantern,

WITH HOUSE GAS ATTACHMENT.

Consisting of apanned Lantern, ten by eight inches square, fifteen inches high, hinged door at side, and sliding door at back; double convex Condensing Lenses, 4 1/4 inches diameter; first quality Achromatic Object Glasses, giving High and Low-power Combinations; brass Slip-tube Adjustment for focussing; T. H. McAllister's Slide Spring and Stop; T. H. McAllister's improved adjustable Oxy-Calcium Jet, adapted to burn either House Gas or Alcohol, with clamping and elevating Screws for Lime Cylinders; copper Oxygen Retort, with Stand, Argand Spirit Lamp, Purifier and india-rubber Tubing, and canvas-lined Gas-Bag, 30x40x20 inches, 55 gallons capacity; one dozen prepared Lime Cylinders; one charge Chemicals for Oxygen. \$80.00

No. 639.

Same dimensions, accessories and magnifying powers as No. 638, with **Concavo-convex Object Glasses**. \$70.00

 The instructions on page 29 will also serve to explain the manner of operating the Magic Lanterns Nos. 630 to 639.

No. 720. Oxy-Hydrogen Attachment,

FOR THE STEREOPTICONS, NOS. 620 TO 624.

Consisting of two first quality Oxy-Hydrogen Jets, tipped with platina, to burn the mixed gases, with elevating and clamping Screws to each Jet, and also for the Lime Cylinders; Safety Bottle for each gas; improved Dissolving Key; copper Hydrogen Generator, with Purifier and india-rubber Tubing, and canvas-lined Hydrogen Gas Bag, 30x40x30 inches area, 85 gallons capacity, and rubber Tubing for connections. \$90.00

*** The addition of this will enable either of the Stereopticons, Nos. 620 to 624, to be converted at will into an Oxy-Hydrogen or an Oxy-Calcium Stereopticon.

No. 721. Oxy-Hydrogen Attachment,

FOR THE STEREOPTICONS NOS. 625 TO 628.

Consisting of two first quality Oxy-Hydrogen Jets, tipped with platina, to burn the mixed gases, with elevating and clamping Screws to each Jet, and also for the Lime Cylinders; Safety Bottle for each gas; copper Hydrogen Generator, with Purifier and india rubber Tubing, and Canvas-lined Hydrogen Gas-bag, 30x40x30 inches area, 85 gallons capacity, and rubber Tubing for connections. \$80.00

*** The addition of this will enable either of the Stereopticons, Nos. 625 to 628, to be converted at will into an Oxy-Hydrogen or an Oxy-Calcium House Gas Stereopticon.

No. 722. Oxy-Hydrogen Attachment,

FOR THE MAGIC LANTERNS NOS. 630 TO 634.

Consisting of first quality Oxy-Hydrogen Jet, platina tipped, to burn the mixed gases, with elevating and clamping Screws for Jet, and also for the Lime Cylinder; Safety Bottle for each Gas; copper Hydrogen Generator, with Purifier and india-rubber Tubing, and canvas-lined india-rubber Gas Bag, 30x40x30 inches area, 85 gallons capacity, for Hydrogen, and rubber Tubing for connections. \$65.00

*** The addition of this will enable either of the Magic Lanterns, Nos. 630 to 634, to be converted at will into an Oxy-Hydrogen or an Oxy-Calcium Magic Lantern.

No. 723. Oxy-Hydrogen Attachment,

FOR THE MAGIC LANTERNS NOS. 635 TO 639.

Consisting of first quality Oxy-Hydrogen Jet, platina tipped, to burn the mixed gases, with elevating and clamping Screws for Jet, and also for the Lime Cylinder; Safety Bottle for each Gas; copper Hydrogen Generator, with Purifier and india-rubber Tubing, and Canvas-lined india rubber Gas-Bag, 30x40x30 inches area, 85 gallons capacity, for Hydrogen, and rubber Tubing for connections. \$60.00

*** The addition of this will enable either of the Magic Lanterns, Nos. 635 to 639, to be converted at will into an Oxy-Hydrogen or an Oxy-Calcium House Gas Magic Lantern.

See page 9 for cost of adding the BI-UNIAL OIL LIGHT to the Oxy-Calcium Stereopticons and Oxy-Calcium Magic Lanterns.

Instructions for the Oxy-Calcium Stereopticons,

Nos. 620 to 624.

See Directions for Oxygen Gas, and Pressure Boards on Page 18 & 21

The Apparatus must be at a proper distance from the Screen, to produce the Views of the desired dimensions (see table, page 6,) and, if possible, elevated so that the Lenses shall be on a level with the centre of the Screen. The Condensing Lenses and Object Glasses must be carefully cleaned previous to each exhibition. Place the Lanterns on the Platform, each on its own Pivot. On the floor in front of the Apparatus place the Gas Bag, under its Pressure Board, and with about one hundred and fifty pounds weight on it. Connect the Gas Bag with the Dissolving Key by the long rubber tube, and the Dissolving Key with each Jet by the short rubber Tubes. Fill the Reservoir of each Jet with the purest Alcohol, and have a good Cotton Wick in the tube, projecting about half an inch, and trimmed even. The alcohol should always be of at least ninety per cent. purity. A percentage Hydrometer is furnished with each Apparatus, with instructions for use, by which the purity of the Alcohol can be tested when purchasing. A Cylinder of hard, unslacked Lime is next to be placed in the Lime Carrier immediately in the rear of the Wick, the Jets placed in the Lanterns, and the Alcohol flame ignited.* Allow the Alcohol flame to burn for a minute or two, that the Lime Cylinder may be gradually heated up; then turn on the Oxygen, and adjust the proportion of Oxygen by the Cock attached to each Jet, the condition of the Wick, and the position of the Lime Cylinder, until the front of the Lime Cylinder shows a dazzling disc, of about half an inch diameter, of intense white light. If the Gas makes a hissing noise, it will be caused by some small fibres of the wick obstructing its passage, which must be removed. The alcohol flame should be large, and the Wick slightly divided in the middle to allow free passage of the Gas, but do not allow the Wick to be separated too much, and have the bulk of it toward the Jet. The Lime Cylinder generally requires to be about half an inch from the Jet, but this will vary with different samples of Lime, and the Lime Carriers are therefore mounted on a Sliding Bar, with Clamping and elevating Screws for ease of adjustment. Move the Lever of the Dissolving Key to the extreme right, this will send all the flow of Oxygen to the Jet in the right-hand Lantern. Insert a View, upside down, selecting one which has a clear, open outline; adjust the Focus and move the Jet very gradually backward and forward, and from side to side, and elevate or depress it until the Picture on the Screen is evenly illuminated over its entire surface. Then secure the Jet by the Elevating and Centering Screws, and it will not require to be moved during the exhibition. Then move the Lever of the Dissolving Key to the extreme left, and adjust the Jet, Focus, etc., of the left hand Lantern. Turn the Lever of the Dissolving Key half way, and each picture will be seen on the Screen. Move the Lanterns on the Pivots in front, so as to bring both Pictures on the same space, or make them "register." Then, by moving the Lever of the Dissolving Key from one side to the other, thereby transferring the Oxygen from one Jet to the other, the Pictures will beautifully dissolve, one into the other—one will fade away, and the other replace it on the Screen, in a manner which never fails to astonish and delight an audience.

While a Picture in one Lantern is before the audience, and the explanation of it is being made, quietly withdraw the View from the other Lantern, replace it by another, and dissolve, by moving the Lever of the Dissolving Key. The Lime Cylinder must be turned occasionally during the exhibition, to present a new surface, and the proportion of the Oxygen will sometimes require adjusting.

Instructions for the Oxy-Calcium Stereopticons,

WITH HOUSE GAS ATTACHMENT.—Nos. 625 to 628.

Prepare the Oxygen Gas and proceed as directed for the Stereopticons, Nos. 620 to 624, with the following exceptions: Remove the Wick from the Tube, pour out any Alcohol from the Reservoirs, and attach the long rubber Tubes marked "House-Gas" to a gas burner, and the short rubber Tubes marked "House Gas," to the cock on top of the Reservoir. Turn on the House Gas, allow it to pass for a minute or two, to expel all atmospheric air, and then ignite it as it issues from the Tube. Make the connections with the Oxygen Bag, adjust the proportions of the Gases, and the position of the Lime, etc., and proceed with the exhibition.

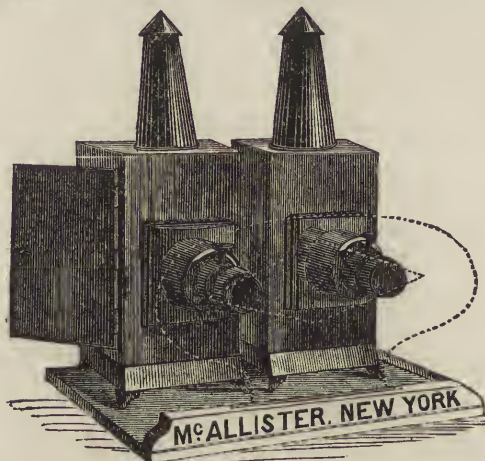
*When Alcohol is used in Jet No. 708 leave the house gas stop-cock open.

GEO. H. PIERCE, PHILADELPHIA, PA.

DISSOLVING-VIEW APPARATUS.

With T. H. McAllister's Bi-unial Oil Lamps.

MAKING CLEARLY-DEFINED VIEWS OF ANY DESIRED SIZE UP TO EIGHT FEET DIAMETER.



An exhibition of the Dissolving Views is one of the most pleasing effects that the Magic Lantern is capable of producing, and, to the uninitiated, appears truly magical. The term "dissolving" well represents the process; for, while the audience is viewing a painting, it is made almost imperceptibly to melt into quite a dissimilar picture—the one picture fading out, and the new picture, occupying the same place, growing perfectly distinct on the screen. The necessary mechanism was formerly quite complicated, but is now so simplified and compact, that it is easier to give an exhibition with a Dissolving View Apparatus, than with a single Magic Lantern.

Full Directions will be found on Page 32.

No. 640.

Dissolving-View Apparatus.

Consisting of two Japanned Lanterns, each ten by eight inches square, sixteen inches high; hinged door at side, and sliding door at back of each Lantern; first-quality plano-convex Condensing Lenses, $4\frac{5}{8}$ inches diameter; **Achromatic Object Glasses**, giving High and Low-power Combinations; brass Rack-work Adjustment for focussing; T. H. McAllister's Slide Spring and Stop; T. H. McAllister's New BI-UNIAL LAMPS for using Kerosene, and nickel-plated Reflectors; Metal Dissolver. Securely packed in neatly-finished dovetailed packing-case, with hinged lid, lock and handles. The lid is made with slip hinges, so that it can be removed in an instant, and serves as a Platform for the Apparatus. \$100.00

No. 641.

Dissolving-View Apparatus.

Consisting of two Japanned Lanterns, each ten by eight inches square, sixteen inches high, hinged door at side, and sliding door at back of each Lantern; first-quality plano-convex Condensing-Lenses, $4\frac{1}{2}$ inches diameter; **concavo-convex Object Glasses**, High, Medium and Low-power Combinations; brass Rack-work Adjustment for focussing; T. H. McAllister's Slide Spring and Stop; T. H. McAllister's New BI-UNIAL LAMPS for using Kerosene, and nickel-plated Reflectors; Metal Dissolver. Securely packed in neatly-finished dovetailed packing-case, with hinged lid, lock and handles. The lid is made with slip hinges, so that it can be removed in an instant, and serves for a Platform for the Apparatus. . . . \$75.00

No. 643.

Dissolving-View Apparatus.

Consisting of two Japanned Lanterns, each ten by eight inches square, fifteen inches high, hinged door at side, and sliding door at back of each Lantern; double-convex Condensing-Lenses, $4\frac{1}{2}$ inches diameter; **concavo-convex Object Glasses**, High, Medium and Low-power Combinations; brass slip-tube Adjustment, for focussing; T. H. McAllister's New BI-UNIAL LAMPS for using Kerosene, and nickel-plated Reflectors; Metal Dissolver. Securely packed in neatly-finished dovetailed packing-case, with hinged lid, lock and handles. The lid is made with slip hinges, so that it can be removed in an instant, and serves as a Platform for the Apparatus.....\$55.00

No. 644.

Dissolving-View Apparatus.

Consisting of two Japanned Lanterns, each ten by six inches square, fourteen inches high, hinged door at side and sliding door at back of each Lantern; double convex Condensing Lenses, $3\frac{3}{4}$ inches diameter; **concavo-convex Object Glasses**, High, Medium and Low-power Combinations; brass slip-tube Adjustment, for focussing; T. H. McAllister's Slide Spring and Stop; T. H. McAllister's New BI-UNIAL LAMPS for using Kerosene, and nickel-plated Reflectors; Metal Dissolver. Securely packed in neatly-finished dovetailed packing-case, with hinged lid, lock and handles. The lid is made with slip hinges, so that it can be removed in an instant, and serves as a Platform for the Apparatus.....\$45.00

No. 707. Oxy-Hydrogen Attachment,

TO THE DISSOLVING VIEW APPARATUS, Nos. 640 to 644.

Consisting of two first quality Oxy-Hydrogen Jets, tipped with platina, to burn the mixed gases, with elevating and clamping Screws to each Jet, and also for the Lime Cylinders; Safety Bottle for each gas; improved Dissolving Key; copper Oxygen Retort, with Stand, Argand Spirit Lamp, Purifier and india-rubber Tubing, and canvas-lined Oxygen Gas-Bag, 30x40x20 inches area, 55 Gallons capacity; copper Hydrogen Generator, with Purifier and india-rubber Tubing, and canvas-lined Hydrogen Gas-Bag, 30x40x30 inches area, 85 Gallons capacity; and Rubber Tubing for connections.....\$125.00

** The addition of this will enable either of the Dissolving-View Apparatus, Nos. 640 to 644, to be converted at any time into an Oxy-Hydrogen Stereopticon.

No. 708. Oxy-Calcium Attachment,

TO THE DISSOLVING-VIEW APPARATUS, Nos. 640 to 644.

Consisting of two improved adjustable Oxy-Calcium Jets, with clamping and elevating Screws for Lime Cylinders; Dissolving Key; copper Oxygen Retort, with Stand, Argand Spirit Lamp, Purifier and india-rubber Tubing, and canvas-lined Gas-Bag, 30x40x20 inches, 55 Gallons capacity; and Rubber Tubing for connections.....\$50.00

** The addition of this will enable either of the Dissolving-View Apparatus, Nos. 640 to 644, to be converted at any time into an Oxy-Calcium Stereopticon.

No. 709. Oxy-Calcium House Gas Attachment,

TO THE DISSOLVING-VIEW APPARATUS, Nos. 640 to 644.

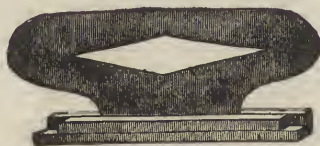
Consisting of two improved adjustable Oxy-Calcium Jets, adapted to burn either House Gas or Alcohol, with clamping and elevating Screws for Lime Cylinders; compound Dissolving Key; copper Oxygen Retort, with Stand, Argand Spirit Lamp, Purifier, india-rubber Tubing, and canvas-lined Gas-Bag, 30x40x20 inches, 55 Gallons capacity; and Rubber Tubing for connections.....\$60.00

** The addition of this will enable either of the Dissolving-View Apparatus, Nos. 640 to 644, to be converted at any time into an Oxy-Calcium House Gas Stereopticon.

GEO. H. PIERCE, PHILADELPHIA, PA.

INSTRUCTIONS FOR OPERATING THE DISSOLVING VIEW APPARATUS.

Nos. 640 to 644.



DISSOLVER.

Place the Apparatus, and arrange the Lenses and Lamps, as described on Page 33

The Lanterns being mounted on the Platform lid of the packing-case, each fixed on its pivot in front, incline both Lanterns apart at the rear to such an angle that the circle of light from each shall fall precisely upon the same space on the Screen. There is in front of the pair of Lanterns a Metal Dissolver—which is indicated by the dotted line in the engraving on page 30 and is more distinctly shown by the illustration on this page. This Dissolver slides in a groove, and is so proportioned that when the wide part of the diamond-shaped opening is in front of the Tube of one Lantern, the pointed end will not quite reach to the front of the Tube of the other Lantern. Having placed a View or Slider, in each Lantern, slide the Dissolver along the groove by the hand, alternately from right to left, and left to right; and it follows, that as soon as the Dissolver begins to cover the image proceeding from one Lantern, a corresponding portion of the image proceeding from the other Lantern is thrown upon the Screen. The movement should be slow and regular, and the Pictures will imperceptibly and beautifully dissolve, the one into the other, the Screen never being vacant from the beginning to the close of the exhibition. To insure success in the illusion, it is necessary that the Sliders are placed precisely in the central line of the Lenses, which important result is most easily accomplished by **T. H. McAllister's Slide Spring and Stop**, attached only to the Magic Lanterns sold by me.

As the distance between the Lanterns is slight (see engraving on Page 30) the sliders must not be more than seven inches in length.

The sets of **Dissolving-View Sliders**, a list of which is given in this catalogue, are colored with express reference to the production of fine effects; though any two Views of the same size will answer for dissolving, care being taken that there is a general likeness of light and shade. For instance, a Picture having a very light object in the centre will not dissolve handsomely into one having a dark object in the centre.

Striking and amusing effects, however, are often produced by dissolving with Views of entirely different character, and the unexpected changes will excite and keep up the interest of an audience—thus a landscape may be dissolved into a chromatopé or a portrait; or one of the comic slides, with mechanical movement, may, by the dissolving arrangement, be introduced into a landscape, etc.

When the unmounted square views, such as the "*Crayon Photographs*," "*Views of World renowned places of interest*," etc., are used, a Pair of the Dissolving View Combination Carriers will be required—Price \$1.50—See Page 45.

INSTRUCTIONS FOR THE

PHANTASMAGORIA MAGIC LANTERNS,

Nos. 650 to 653.

The Apparatus must be at a proper distance from the Screen to produce the Views of the desired dimensions (see table of magnifying powers on page 6,) and sufficiently elevated from the floor to bring the Lenses on a level with the center of the Screen.

The Condensing Lenses and Object Glasses must be thoroughly cleaned previous to each exhibition. In cold or damp weather, moisture will sometimes form on the inner surface of the Condensing Lenses, and to guard against this, it is well, just previous to an exhibition to separate the Condensers, and hold them in the hand before a stove or lamp for a few minutes.

The Lamp having been placed in the Magic Lantern, (see directions below,) move it slowly backward and forward until the circle of the light on the Screen is evenly illuminated; the Lamp is then known to be in its proper position.

The View or Slider is placed *upside down* in the opening in front of the Condensing Lenses, where it will be held firmly by the Slide Spring and Stop; and the Focus is adjusted, as described on page 6.

The best effects are obtained when the Apparatus is on the same side of the Screen as the spectators; but sometimes it is more convenient to place it on the other side of the Screen, which may be rendered smoother and more transparent if dipped in water immediately before hanging it up.

TO PRODUCE THE PHANTASMAGORIA EFFECT,

The operator should be on one side of the Screen, and the spectators on the other. Taking the Magic Lantern under his left arm, he should go up pretty close to the Screen and adjust the Focus with his right hand. The image, of course will be very small; he must then walk slowly backward, at the same time adjusting the Focus. As the image *increases in size*, it will appear to the spectators to be coming towards them; and then again let him walk up towards the Screen, thus *diminishing* the image, and it will appear to them as if receding. The Screen not being seen, the image appears to be suspended in the air, and the deception is complete, even to those accustomed to the exhibition.

Slides producing the best phantasmagoria effect are those containing but one or two figures, and all the rest of the glass painted black; such for instance, as some of the "Movable Comic."

DIRECTIONS FOR

T. H. McALLISTER'S NEW BI-UNIAL LAMP.

PATENT APPLIED FOR.

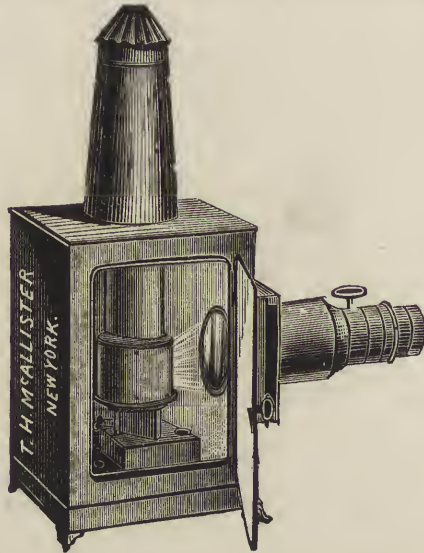
SEE ILLUSTRATION AND DESCRIPTION ON THIRD PAGE OF COVER.

The NEW BI-UNIAL LAMP is the result of a long series of experiments, and by aid of the following directions never fails to produce a more satisfactory picture than any other form of oil illumination.

1. Use only the best Kerosene Oil.
(A small quantity of Gum Camphor, in coarse powder, thoroughly and uniformly dissolved in the Kerosene will increase the intensity of the light.)
2. Pour sufficient oil into the Reservoir, to come within quarter of an inch of the top, leaving that space for the expansion of the oil.
3. Trim the wicks evenly with a sharp pair of Scissors. (See Lamp Scissors page 46.)
4. Light the Lamp a few minutes before commencing the exhibition, and allow it to burn rather low, that the oil may become gradually warmed and thereby rendered more fluid.
5. When commencing to operate, turn the wicks up slowly, until an intense flame is obtained, free from smoke. The exact condition of the wicks can be readily seen at any moment by slightly opening the door of the Lantern and observing the reflection of the flame on the surface of the Condensing Lens.

PHANTASMAGORIA MAGIC LANTERNS.

MAKING CLEARLY DEFINED VIEWS OF ANY DESIRED SIZE UP TO EIGHT FEET IN DIAMETER.



In the Magic Lantern as originally constructed, the condensing lens was formed of a single "bull's-eye" lens, and the object glass of a single double-convex lens. The cheap toy Lanterns imported from Europe, are still generally made in that manner; but all first-class instruments are now made with two condensing lenses and two object-glasses, and, to distinguish them, are called "Phantasmagoria" Lanterns. The word phantasmagoria is of Greek derivation and means "I meet a spectre;" and was at first applied to the exhibition of pictures of ghosts and hobgoblins, which appear to recede from or approach to the audience, by the Lanterns being brought gradually nearer to, or farther from, the Screen.

See instructions on page 33

No. 650.

Phantasmagoria Magic Lantern.

Japanned case, ten by eight inches square, sixteen inches high, hinged door at side, and sliding door at back; first quality plano-convex Condensing Lenses, 4 $\frac{3}{4}$ inches diameter; **concavo-convex Object Glasses**, High, Medium and Low-power Combinations; brass Rackwork Adjustment for focussing; T. H. McAllister's Slide Spring and Stop; T. H. McAllister's New Bi-unial Lamp for using Kerosene, and nickel-plated Reflector \$40.00

No. 651.

Phantasmagoria Magic Lantern.

Japanned case, ten by eight inches square, sixteen inches high, hinged door at side, and sliding door at back; first quality plano-convex Condensing Lenses, 4 $\frac{7}{8}$ inches diameter; **concavo-convex Object Glasses**, High, Medium and Low-power Combinations; brass Rackwork Adjustment for focussing; T. H. McAllister's Slide Spring and Stop; T. H. McAllister's New Bi-unial Lamp for using Kerosene, and nickel-plated Reflector \$35.00

No. 652.

Phantasmagoria Magic Lantern.

Japanned case, ten by eight inches square, fifteen inches high, hinged door at side, and sliding door at back; double convex Condensing Lenses $4\frac{1}{2}$ inches diameter; **concavo-convex Object Glasses**, High, Medium and Low-power Combinations; brass sliding-tube Adjustment for focussing; T. H. McAllister's Slide Spring and Stop; T. H. McAllister's New BI-UNIAL LAMP for using Kerosene, and nickel-plated Reflector. **\$25.00**

No. 653.

Phantasmagoria Magic Lantern.

Japanned case, ten by six inches square, fourteen inches high, hinged door at side and sliding door at back; double convex Condensing Lenses, $3\frac{3}{4}$ inches diameter; **concavo-convex Object Glasses**, High, Medium and Low-power Combinations; brass sliding-tube Adjustment for focussing; T. H. McAllister's Slide Spring and Stop; T. H. McAllister's New BI-UNIAL LAMP for using Kerosene, and nickel-plated Reflector. **\$20.00**

Achromatic Object Glasses,

Can be substituted for the Concavo-Convex Object Glasses in the Phantasmagoria Magic Lanterns, Nos. 650, 651, 652, 653, for an additional charge of **\$10.00**

No. 666. Oxy-Hydrogen Attachment,

Consisting of first quality Oxy-hydrogen Jet, platina tipped, to burn the mixed gases, with elevating and clamping Screws for Jet, and also for the Lime Cylinder; Safety Bottle for each gas; copper Oxygen Retort, with Stand, Argand Spirit Lamp, Purifier and india-rubber Tubing, and canvas-lined india-rubber Gas Bag, 30x40x20 inches area, 55 gallons capacity, for Oxygen; copper Hydrogen Generator, with Purifier and india-rubber Tubing, and canvas-lined india-rubber Gas Bag, 30x40x30 inches area, 85 gallons capacity, for Hydrogen, **\$100.00**

* * * Either of the preceding Phantasmagoria Magic Lanterns can at any time be converted into an Oxy-Hydrogen Magic Lantern by the addition of No. 666, without any alteration of the arrangement of the Japanned Case or Lenses. See pages 16 to 21

No. 667. Oxy-Calcium Attachment,

Consisting of T. H. McAllister's improved adjustable Oxy-Calcium Jet, with clamping and elevating Screws for Lime Cylinder; copper Oxygen Retort, with Stand, Argand Spirit Lamp, Purifier, and india-rubber Tubing, and canvas-lined Gas Bag, 30x40x20 inches area, 55 gallons capacity. **\$43.00**

* * * Either of the preceding Phantasmagoria Magic Lanterns can at any time be converted into an Oxy-Calcium Magic Lantern by the addition of No. 667, without any alteration of the Japanned Case or Lenses. See pages 26 to 29

No. 668. Oxy-Calcium House Gas Attachment,

Consisting of T. H. McAllister's improved adjustable Oxy-Calcium Jet, adapted to burn either House Gas or Alcohol, with clamping and elevating Screws for Lime Cylinders; copper Oxygen Retort with Stand, Argand Spirit Lamp, Purifier and india-rubber Tubing, and canvas-lined Gas Bag, 30x40x20 inches area, 55 gallons capacity. **\$48.00**

* * * Either of the preceding Phantasmagoria Magic Lanterns can at any time be converted into an Oxy-Calcium House Gas Magic Lantern by the addition of No. 668, without an alteration of the Japanned Case or Lenses. See pages 26 to 29

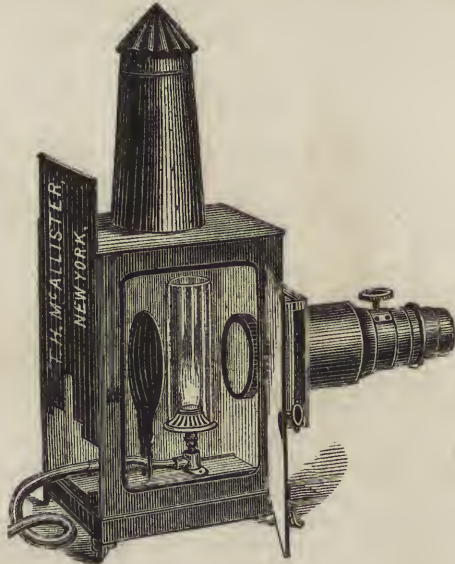
GEO. H. PIERCE, PHILADELPHIA, PA.

PARLOR MAGIC LANTERNS,

WITH ARGAND GAS BURNER.

MAKING CLEARLY DEFINED VIEWS OF ANY DESIRED SIZE UP TO EIGHT FEET DIAMETER.

A very convenient form for Parlor Entertainments.



No 660.

No. 660.

Parlor Magic Lantern.

Japanned case, ten by eight inches square, sixteen inches high; hinged door at side and sliding door at back; first-quality plano-convex Condensing-Lenses, $4\frac{1}{8}$ inches diameter; **concavo-convex Object Glasses**, High, Medium and Low-power Combinations; brass Rack-work Adjustment for focussing; T. H. McAllister's Slide Spring and Stop; Argand Gas Burner, nickel-plated Reflector, and eight feet india-rubber tubing to make connection with Gas Fixture.....**\$36.00**

No. 661.

Parlor Dissolving-View Apparatus.

Consisting of Two of the above Magic Lanterns (No. 660), with the necessary attachments to produce the dissolving effect. In neatly finished, dovetailed packing-case, hinged lid, lock and handles; the lid serving as a Platform to hold the apparatus when in use.....**\$77.00**

No. 662.

Parlor Magic Lantern.

Japanned case, ten by six inches square, fourteen inches high; hinged door at side, and sliding door at back; double-convex Condensing Lenses, $3\frac{5}{8}$ inches diameter; **concavo-convex Object Glasses**, High, Medium, and Low-power Combinations; brass Sliding-tube Adjustment for focussing; T. H. McAllister's Slide Spring and Stop; Argand Gas Burner, nickel-plated Reflector, and eight feet india-rubber tubing to make connection with Gas Fixture.....**\$21.00**

GEO. H. PIERCE, PHILADELPHIA, PA.

No. 665.

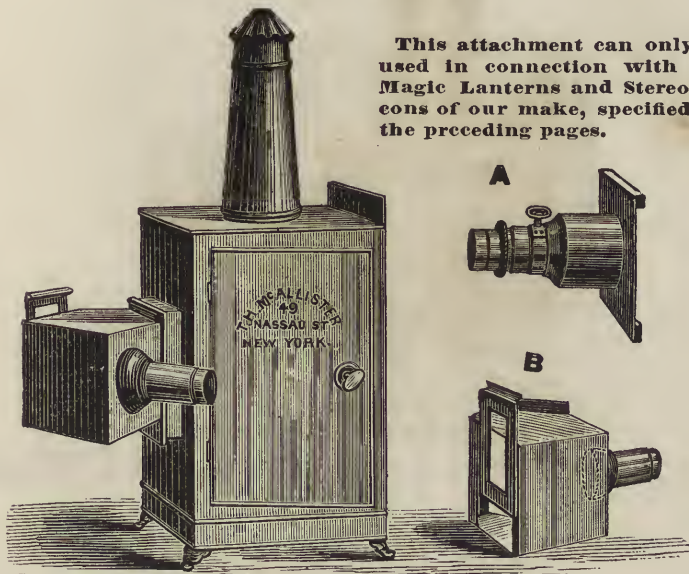
T. H. McALLISTER'S

WONDER CAMERA ATTACHMENT

TO THE MAGIC LANTERN,

For projecting on the Screen enlarged images of Card Photographs, Chromos. Engravings and opaque objects in general.

Price. \$3.50.



This attachment can only be used in connection with the Magic Lanterns and Stereopticons of our make, specified on the preceding pages.

The above engraving represents a newly constructed piece of apparatus, which can be readily applied to any of the Magic Lanterns or Stereopticons on the preceding pages, and makes a very excellent accessory, particularly for PARLOR ENTERTAINMENTS; enabling a family to form a gallery of life-size portraits from the card photographs of their albums, thus affording an inexhaustible source of enjoyment; watch movements, jewelry, coins, medals, flowers, etc., can also be made available with good results. As the image on the screen is solely illuminated by the light reflected from the object, it does not equal in brilliancy that of a transparent Glass Magic Lantern View; but the low price of the WONDER CAMERA ATTACHMENT, and the facility it affords for putting to a novel use the thousand and one photos, engravings, and ornaments in the possession of every intelligent and cultivated household, has opened a new source of enjoyment and instruction for the home circle. Artists have availed themselves of it, for enlarging photographs to life-size, for crayon drawing and portrait painting; Architects, Draughtsmen and Civil Engineers, for obtaining working drawings of increased size, and Teachers, for interesting their classes by presenting magnified views of the illustrations in the Text Books.

The WONDER CAMERA ATTACHMENT is especially recommended for Parlor Entertainments, Class Instructions, etc. It is not designed for a satisfactory public exhibition in a large Hall, for which purpose a far more costly instrument will be required.

DIRECTIONS.—Place the Magic Lantern at a proper distance from the wall or screen to make the figures of life size; remove the Magic Lantern Front [A]; in its place affix the Wonder Camera Attachment [B]; transfer the Object Glasses from A to B, and adjust the illumination and focus.

At the back of the "Wonder Camera Attachment" is a sliding door with a grooved opening in it of proper size to receive the usual card photos. For larger size photos, engravings, illustrations in books, etc., remove the sliding door entirely; also for watch movements, jewelry, etc., which can be held in the hand; with the latter class of objects, it is advisable to throw a dark cloth over the top of the attachment and the arm, to prevent the light from being thrown around the room.

Reduced to

\$10.00



No. 670.

**T. H. McALLISTER'S
CABINET MAGIC LANTERN.**

\$10.00

The CABINET MAGIC LANTERN is intended to meet the demand for a Magic Lantern, simple in construction, easy to operate, of sufficiently good quality to give a satisfactory exhibition in a Parlor, Sunday School, Lodge Room or School House, yet sold at such a moderate price, as to insure its general introduction; and has proved well adapted for those who wish to commence on an economical scale.

In the first part of this Catalogue will be found a list of "\$25.00 Outfits," and of "\$50.00 Outfits," affording a customer an opportunity of obtaining a good outfit for a limited amount. Each Outfit is different in the character of the Views embraced in it.

THE CABINET MAGIC LANTERN is substantially and compactly made; japanned Case, 6 by 8 inches square, and 10 inches high, mounted on a neat Walnut Base, 7 by 14 inches, with an improved Lamp to burn Kerosene Oil. The Condensing Lens is 4 inches diameter, admitting any of the Views named in this Catalogue. The Object Glass is well ground and polished, and will enlarge the Views to five feet diameter.

**DIRECTIONS FOR THE
CABINET MAGIC LANTERN.**

THE CABINET MAGIC LANTERN has two Lenses; the larger one called the *Condensing Lens*, is firmly mounted in the large tube attached to the front of the Magic Lantern—the smaller Lens, called the *Object Glass*, is mounted at the outer end of the adjustable front tube which slides within that in which the *Condensing Lens* is mounted. Both these Lenses must be cleaned perfectly before each occasion of using the Magic Lantern. Use the best Kerosene Oil in the Lamp, have the wick evenly trimmed, and the Glass Chimney bright and clear. The room, of course, must be as dark as possible. Hang the screen over an open doorway, or else three or four feet in front of the wall, for if hung with the wall close behind it, the picture will not appear as distinct. Place the Cabinet Magic Lantern on a table about ten feet from the screen, sufficiently elevated from the floor, to bring the Lenses about on a line with the centre of the screen. Put the view upside down in the groove in front of the Lantern, then "Focus" by sliding the Adjustable Front Tube, carrying the Object Glass, gradually in or out, as may be necessary, until the picture on the screen is distinct as possible.

☞ See last pages of this Catalogue for Magic Lanterns designed more especially for the amusement of children.

Reduced to

\$22.00



No. 671.

THE "CABINET"

DISSOLVING-VIEW APPARATUS,

CONSISTING OF

TWO CABINET MAGIC LANTERNS,

On Walnut Platform, and Dissolver.

\$22.00

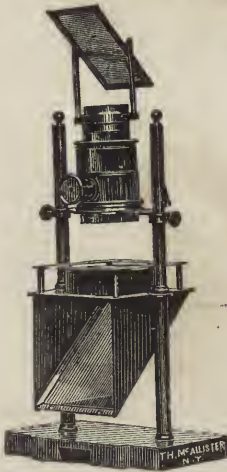
An economical form of Dissolving-View Apparatus, particularly designed for Home and School Entertainments in moderate sized Rooms. The beautiful Dissolving Effects and Transformations can be well shown with this cheap Apparatus though of course not with the brilliancy and perfection of the higher priced patterns of Dissolving-View Apparatus.

If desired at any time, the Lanterns can be detached from the Platform, and used separately, as is the case with all the styles of Dissolving-View Apparatus and Stereopticons in this Catalogue.

Any of the Views enumerated in the following pages can be used in the Cabinet Dissolving-View Apparatus; fine effects can be obtained with some of the "SETS OF DISSOLVING VIEWS," specified on pages 60 to 64.

GEO. H. PIERCE, PHILADELPHIA, PA.

ATTACHMENTS, FOR USE WITH STEREOPTICONS AND MAGIC LANTERNS.



No. 680.

Vertical Attachment.

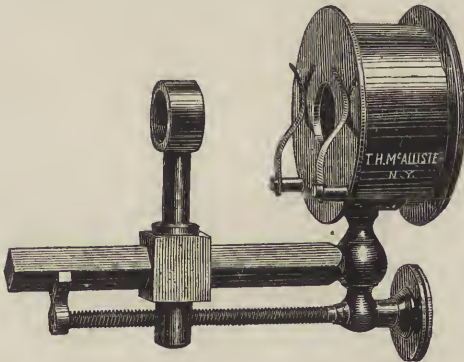
Can be used advantageously with any first-class Apparatus, for projecting on the screen objects in fluids, movements of a horizontal magnetic needle, etc., etc. It consists of a Mirror inclined at an angle of 45°, one of the Condensing Lenses of the Lantern being placed horizontally above it, the other Condenser remaining in the Lantern, and the Attachment brought close to it: over the horizontal Condenser, is a Stage, on which the slide or object, glass tank containing fluids, etc., is placed—above this the Object Glass, surmounted by a second Mirror, on axis, by which the image is reflected horizontally to the screen. Price.....\$40.00

No. 681.

Microscope Attachment,

FOR USE WITH

OXY-HYDROGEN OR OXY-CALCIUM APPARATUS.



With this apparatus, mounted Microscopical preparations or living animalculæ can be shown upon the screen enlarged from 100 to 1000 times the diameter.

The mounting for the Objectives is made with the "London Society Screw," which has been adopted by the makers of all First Class Microscopic Objectives—thus admitting the use of those Objectives on this Attachment.

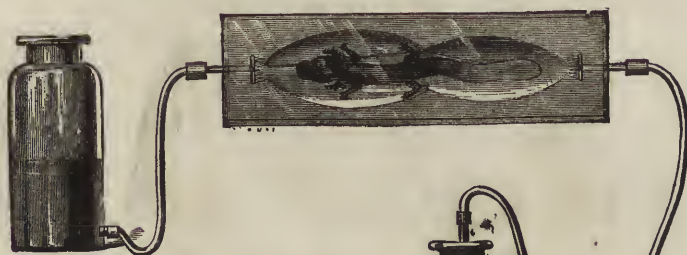
Price of the Attachment alone, without Objectives.....	\$20.00
Price with two Magnifying Powers, Crown Glass Objectives.....	\$30 00
do do do Achromatic Objectives.....	50 00
do do do do do with Secondary	
Condenser to improve illumination.....	75 00

A List of prepared Objects, suitable for illustration with the Microscope Attachment furnished on application.

No. 682.

Holman's Siphon Slide,

FOR THE MICROSCOPIC ATTACHMENT.



The "Holman Siphon Slide" consists of a slip of thick Plate Glass, three inches long by one inch wide, having a cavity of sufficient size to contain a small tadpole, lizard, portion of a plant, etc., etc.; to each end of the cavity small rubber tubes are attached, one of which connects with a bottle or other reservoir of water, the other serving as an outlet for the water after it has passed through the cavity; thus keeping up a constant current of fresh water, and allowing the enclosed living animal, etc., to be kept in position, without injury or inconvenience for any length of time.

For use with the Microscopic Attachment to the Magic Lantern in projecting images of living objects upon the screen, it is invaluable.....\$4.00

* * It is not necessary to have any special form of bottle for Reservoirs—any vessels capable of holding water, will answer.

No. 683.

Polariscope,

FOR THE MICROSCOPIC ATTACHMENT.

Consisting of two Prisms of Iceland Spar, properly mounted, one of which is placed between the object and the Condensers, and the other between the object and the Screen. No Microscopic Objects excel in brilliancy, the appearance of crystals, etc., seen by Polarized light, especially when magnified, upon the Screen—the process of crystallization is beautifully shown.....\$25.00, \$50.00, \$75.00

No. 684.

Horizontal Glass Tanks,

TO USE IN CONNECTION WITH VERTICAL ATTACHMENT, NO. 680,

\$1.50 to \$5.00

No. 685.

Vertical Glass Tanks,

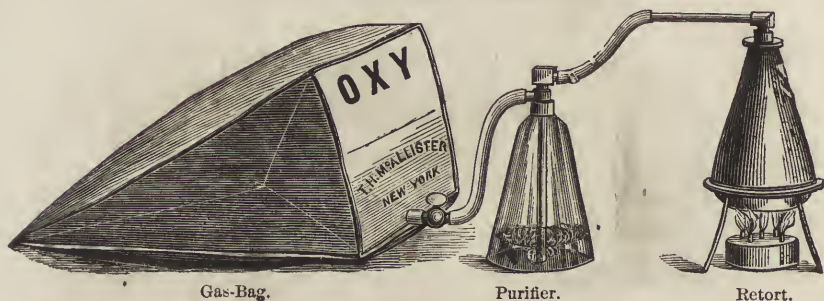
Can be used in any of the Stereopticons and Magic Lanterns enumerated on the preceding pages of this Catalogue, for exhibiting living fish, insects, etc.

No. 685 A—GLASS TANK, MOUNTED IN BRASS FRAME, 4 by 7 inches,
 $\frac{5}{8}$ inch thick.....\$3.00

No. 685 B—GLASS TANK, MOUNTED IN MAHOGANY FRAME, 4 by 7 inches,
 $\frac{5}{8}$ inch thick.....\$2.00

GEO. H. PIERCE, PHILADELPHIA, PA.

ACCESSORIES.



Gas-Bag.

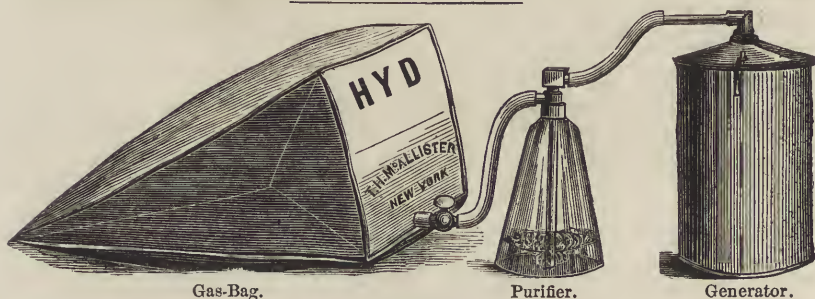
Purifier.

Retort.

No. 700.

Oxygen Apparatus.

Consisting of heavy Copper Retort with Stand and Argand Spirit Lamp; Glass Purifier, india-rubber connections; Canvas-lined Gas-Bag, 30x40x20 inches, 55 gallons capacity, with Brass Stop Cock.....\$35.00



Gas-Bag.

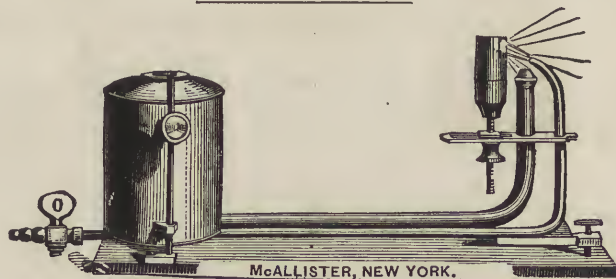
Purifier.

Generator.

No. 701.

Hydrogen Apparatus.

Consisting of heavy Copper Generator; Glass Purifier, india-rubber connections; Canvas-lined Gas-Bag, 30x40x30 inches, 85 gallons capacity, with Brass Stop Cock.....\$45.00

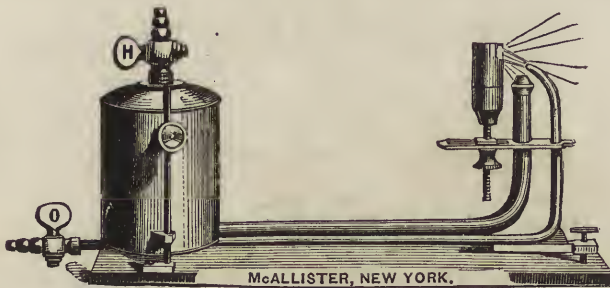


No. 702.

T. H. McALLISTER'S

Improved Adjustable Oxy-Calcium Jet.

This Jet is very simple in construction, and far superior to the complicated Oxy-Calcium Jets formerly used. It is mounted on walnut Base four inches wide, twelve inches long; Stop Cock, to control the flow of Oxygen; clamping and centering Screw to Jet; clamping and elevating Screw for Lime Cylinder. Can be readily attached to any Lantern.....\$7.00



No. 703.

T. H. McALLISTER'S

Improved Adjustable Oxy-Calcium Jet,

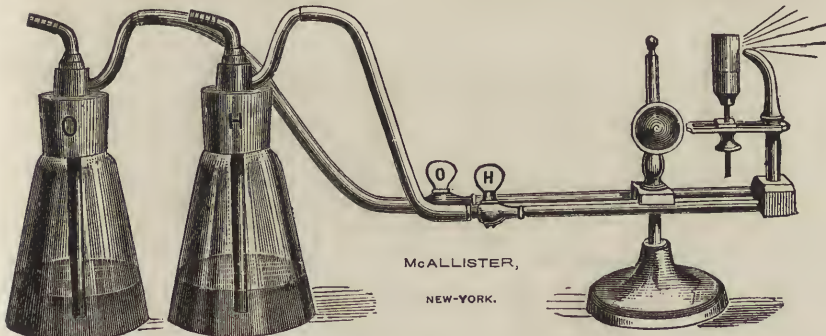
WITH HOUSE-GAS ATTACHMENT.

Mounted on walnut Base four inches wide, twelve inches long; Stop Cocks to control the flow of Oxygen and House Gas; clamping and centering Screw to Jet; clamping and elevating Screw for Lime Cylinder. Can be readily attached to any Lantern.....\$8.00

No. 704.

Concentric Oxy-Hydrogen Jet.

(This concentric Jet is now little used, the light being so much inferior to Nos. 705, 706. The Oxy-Calcium Jet with House-Gas Attachment, No. 703, is preferable to it.).....\$12.00



No. 705.

T. H. McALLISTER'S

Improved Adjustable Oxy-Hydrogen Jet.

This Jet is constructed to burn the mixed gases, yielding the maximum intensity of illumination with absolute safety. It is mounted on a brass Base four inches diameter, with clamping and elevating Screw for Jet, and also for Lime Cylinder, the Jet tipped with platina; Safety Bottle for each Gas; Stop Cock, to control the flow of each Gas. Can be readily attached to any Lantern.....\$25.00

No. 706.—The Jet alone, without Safety Bottles.....\$15.00

No. 707.

Oxy-Hydrogen Dissolving Apparatus.

Consisting of the Oxygen Apparatus, No. 700; the Hydrogen Apparatus, No. 701; two of the Oxy-Hydrogen Jets, No. 705, with Safety Bottle for each Gas; compound Dissolving-Key, and rubber-tube connections.....\$125.00

By attaching No. 707 to a pair of the usual Dissolving-View Lanterns, they will be converted into an Oxy-Hydrogen Stereopticon.

No. 708.

Oxy-Calcium Dissolving Apparatus.

Consisting of the Oxygen Apparatus, No. 700; two of the Oxy-Calcium Jets, No. 702; Dissolving Key and rubber-tube connections.....\$50.00

By attaching No. 708 to a pair of the usual Dissolving-View Lanterns, they will be converted into an Oxy-Calcium Stereopticon.

No. 709.

Oxy-Cal. House-Gas Attachment Dissolving Apparatus

Consisting of the Oxygen Apparatus, No. 700; two of the Oxy-Calcium Jets, House-Gas Attachment, No. 703; compound Dissolving-Key, and rubber-tube connections.....\$60.00

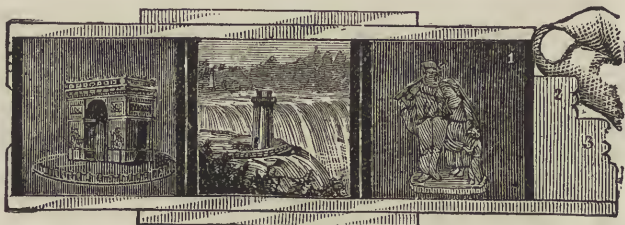
By attaching No. 709 to a pair of the usual Dissolving-View Lanterns, they will be converted into an Oxy-Calcium House-Gas Attachment Stereopticon.

No. 710.

Argand Gas Dissolving-View Apparatus.

Consisting of two Argand Gas Burners, with nickel-plated Reflectors; Dissolving-Key; 12 feet india-rubber tubing, to make the necessary connections with Gas Fixture and Dissolving-Key.....\$10.00

By attaching No. 710 to a pair of the usual Dissolving-View Lanterns, they will be converted into a Parlor Dissolving-View Apparatus. See No. 661.



No. 711.

T. H. McAllister's Combination Carrier.

Those using the unmounted Square Glass Views, have been heretofore subjected to much inconvenience for the want of some suitable contrivance to support the Views in the proper position in front of the Condensing Lenses, and cause them to succeed each other without any interruption; besides the great risk of breaking the Views.

T. H. McAllister's Combination Carrier effectually overcomes all these difficulties, and enables the unmounted views to be used with facility and safety.

The Carrier is designed to hold and center either of the Standard sizes of square views. Stop No. 1, will center those of the usual English pattern, (3½×3½ inches). Stop No. 2, is adapted for those of the French pattern, (3½×4 inches), and Stop No. 3 is adjusted for views on glass 3¼×4¼ inches.50c

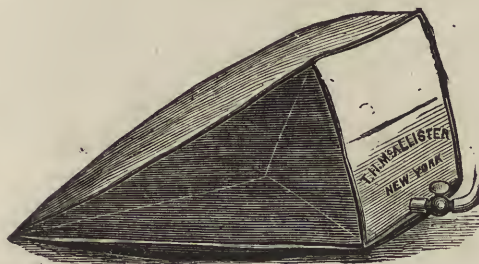


No. 712.

T. H. McAllister's "Dissolving" Carriers.

For holding the square glass views in a Dissolving-View Apparatus or Stereopticon, causing the views to "register" accurately upon the screen, and thus adding greatly to the beauty of an exhibition. Price per pair.....**\$1.50**

GAS-BAGS.



Extra quality, Canvas-lined on both inner and outer surfaces, and very durable. Will stand any climate. Made expressly to my order, and are furnished with all the varieties of Oxy-Hydrogen and Oxy-Calcium Apparatus enumerated in this Catalogue.

No. 713.

Canvas-lined Gas-Bag 30 inches wide, 40 inches long, 20 inches gusset, 55 gallons capacity; with Stop Cock at large end..... **\$20.00**

No. 714.

Canvas-lined Gas-Bag, 30 inches wide, 40 inches long, 30 inches gusset, 85 gallons capacity; with Stop Cock at large end**\$30.00**

** * The following Gas-Bags are the ordinary commercial article—are not lined with Canvas, and by no means as durable as those specified above.*

No. 715.

Gas-Bag, 30 inches wide, 40 inches long, 10 inch gusset, with Stop Cock at small end of Bag**\$15.00**

No. 716.

Gas-Bag, 24 inches wide, 30 inches long, 6 inch gusset, with Stop Cock at small end of Bag**\$12.00**

SCREENS.

Made of best quality material, with Loops around the four sides of the Screen. By these Loops the Screen can be attached to a wooden Frame; though the most convenient plan is to dispense with a Frame, and to screw two small screw rings into the wall (or window frame), one on each side of the hall, near the ceiling; then pass a stout cord or rope through the Loops on the upper edge of the Screen, and through these rings, bringing the ends of the cords down and securing them. By the Loops on the sides and lower edge, the Screen can be held firmly in position by cords attached to screw rings in the floor.

7½ feet square.....	\$2 50	15 feet square.....	\$10 00
9 feet square.....	4 00	18 feet square.....	12 00
12 feet square.....	7 00	24 feet square.....	18 00

Screens, second quality material, and made without loops.

7½ feet square.....	\$2 00	15 feet square.....	\$ 9 50
9 feet square.....	3 75	18 feet square.....	11 50

The Screens best adapted for the several styles of Apparatus, are the following :

For Oxy-Hydrogen.....	(Nos. 600 to 614).....	Screen 24 feet
For Oxy-Calcium.....	(Nos. 620 to 639).....	Screen 18 feet, or 15 feet
For Dissolving Apparatus.....	(Nos. 640 to 644).....	Screen 12 feet, or 9 feet
For Phantasmagoria.....	(Nos. 650 to 653).....	Screen 12 feet, or 9 feet
For Cabinet.....	(Nos. 670, 671).....	Screen 7½ feet

Sets of four Screw Rings for attaching screen, as described above.....25 cents

MISCELLANEOUS.

Lime Cylinders, for Oxy-Hydrogen and Oxy-Calcium Jets, carefully prepared from selected limestone, in screw-cap tin canisters, containing twelve cylinders.....	per canister	\$1 25
Chemicals ready mixed, for making Oxygen...per package	50 cents; per dozen	5 00
Chlorate of Potash.....	at market rates	
Black Oxide of Manganese.....	at market rates	
Sulphuric Acid.....	at market rates	
Zinc.....	at market rates	
T. H. McAllister's New Bi-unial Lamp and Reflector (see third page of Cover)		5 00
Wicks for Bi-unial Lamp.....	per dozen	25
Lamp Scissors for trimming Wick.....		75
Argand Gas Burner and Reflector.....		3 00
Copper Hydrogen Generator and Pipe.....		13 00
Copper Oxygen Retort and Pipe; first quality.....		12 00
Copper Oxygen Retort and Pipe; smaller; second quality.....		6 00
Iron Retort Stand.....		50
Spirit Lamp, to heat Retort.....		1 00
Glass Purifying Bottle and Pipe.....		5 00
India-Rubber Tubing.....	per foot	15
T. H. McAllister's Patent High-Pressure Dissolving-Key, <i>the only Key giving perfect dissolving effects with cylinders of condensed gases</i>		35 00
Compound Low-Pressure Dissolving-Key.....		10 00
Oxy-Calcium Dissolving-Key.....		4 00
Plates for Views; of selected Glass, 3¼ × 4 inches.....	per dozen	40
Black Paper Mats, for Mounting Views; 3¼ × 4 inches.....	per dozen	25
Black Binding Papers for Mounting Views.....	per 100	25
Tanks of Glass for holding Water, Fish, Insects, etc. — Mounted in Frame 4 × 7 inches.....		2 00
Neat Wooden Frames, 4 × 7 inches, with opening 3¼ inches wide, for permanently mounting all the square views.....	20 Cents each, \$15 00 per 100	
Brass Cock, for Gas Bag.....		1 50

VIEWS,

Illustrating Every Subject of
POPULAR INTEREST.

Special Notice.

The Stereopticons and Magic Lanterns specified in the preceding pages, are priced without any reference to accompanying views. That is, the prices are for the Stereopticons and Magic Lanterns as described, but without including any views; classified lists of which will be found on the following pages.

The Fine Colored Photographic Views are each upon plate glass, 3 inches diameter, with a protecting cover glass, and cannot be injured by extremes of heat or cold, or even by immersion in water. Each view is mounted separately in a neat wooden frame or slider, 4 inches wide, 7 inches long, 3-8 inch thick. *These fine Colored Photographic Views, are all made expressly for our own sales by artists specially trained, whose long experience and skill render each view a beautiful work of art, brilliant and durable.* Price, (except those having mechanical movements) \$1.50 each. *¢*

The Comic Movable Views are each mounted separately, on a slide 4 by 7 inches. These are painted in brilliant colors, the main portion being on one glass. The part designed to represent motion is painted on another glass mounted close to the former, and also serving as a cover to protect the painting from injury—the end of this cover glass is cut off at an angle as shown in the engraving on page 68, forming a handle by which to impart the appearance of movement to the figure. Price, 65 cts. each; \$7.50 per dozen.

The Statuary Views, see list on page 73, are each upon square glass, 3½ by 4 inches, at 75 cents each, \$9.00 per dozen.

The Lever Movable Slides are 3 inches diameter, each in frame or slider, 4 by 7 inches. Price, \$1.75 each.

The Dioramic Slides are mounted in frame 4 inches wide, 12 inches long. Price, \$3.00 each.

The Chromatropes are 3 inches diameter, in frame, 4 inches wide, 12 inches long. Price, \$3.00, \$3.75 each.

All the Uncolored Photographic Views, embracing "Views of Places of Interest," "Crayon Photographs," etc., are each upon glass plate, 3½ by 4 inches square—not framed. Price, 50 cents each, \$6.00 per dozen, \$45.00 per 100.

The Colored Sceneries are each upon glass plate, 3½ by 4 inches square, not framed. Price, \$1.80 each, \$21.00 per dozen.

The Silhouette Views are each upon glass plate, 3½ by 4 inches square, not framed. Price, 30 cents each, \$3.00 per dozen.

The Sets of Nursery Tales are on glass slides, each 3½ inches wide, 12 inches long, not framed. Price, \$4.00 per set of 12 slides.

Combination Carriers for holding all unframed Square Views. See Nos. 711 and 712 of this Catalogue.

All the above various styles of Views, can be used in any of the Stereopticons and Magic Lanterns enumerated on the preceding pages of this Catalogue, or in any instrument having Condensing Lenses over 3 inches in diameter. (See Appendix for views suitable for smaller Magic Lanterns.)

VIEWS MADE TO ORDER.

Although the list of views in this Catalogue affords such a large and well assorted selection, a Lecturer will sometimes require views made especially to order, to illustrate some particular subject; these can be made at any time from any engravings or sketches that may be furnished. Price of such special views, if finished in style of Finely Colored Photographic Views, 2.50 each, Uncolored, in style of Crayon Photographic Views, \$1.00 each.

*Fine Colored Photographs, \$1.50 each, \$18.00 per Dozen.
(Three inches in diameter; each view mounted in slider 4 x 7 inches.)*

Bible History.

Old Testament.

The Earth without form, and void.
Creation of Light.
Creation of Dry Land.
Creation of the Grass and Trees.
Creation of the Sun, Moon and Stars.
Creation of Fowls and Fishes.
Creation of Creeping Things and Beasts.
Creation of Adam.
Creation of Eve.
Adam and Eve in Paradise.
Temptation of Eve.
Adam and Eve hide their Faces.
The Expulsion from Eden.
The first Human Family.
Cain's Sacrifice rejected.
Cain kills his Brother Abel.
Cain a Fugitive.
Cain builds the first City.
Jahai, Tuhai and Tuhai-Cain.
The Wickedness of Man before the Flood.
Noah building the Ark.
The Flood destroying Man and Beast.
Interior of the Ark.
Return of the Dove with the Olive Branch.
Noah's Sacrifice and the Rain-how.
Tower of Bahel—Scattering of the Tribes.
Abraham and the Three Angels.
Destruction of Sodom and Gomorrah.
Lot's Flight from Sodom.
Abraham sends Hagar away.
Hagar and Ishmael in the Wilderness.
Abraham offering Isaac.
Rebecca at the Well.
Eleazar at the House of Ba-thael.
Arrival of Rebecca.
Isaac hesses Jacob.
Jacob's Dream.
Jacob waters the Flock of Rachel.
Jacob wrestling with the Angel.
Joseph tends his Father's Flocks.
The Dreams of Joseph.
Joseph thrown into a Well.
Joseph sold by his Brethren.
Joseph's bloody Coat shown to his Father.
Joseph interprets the Dreams of the Butler and the Baker.
Joseph interprets Pharaoh's Dream.
Joseph raised to honor by Pharaoh.
The Cup found in Benjamin's Sack.
Joseph orders Simeon to be detained.

Joseph makes himself known to his Brethren.
Joseph meeting Jacob his Father.
Jacob hesses his Twelve Sons.
Moses in the Bulrushes.
Moses assisting the Daughters of Jethro.
Moses and the Angel in the flaming Bush.
Pharaoh's Host drowned in the Red Sea.
Moses and the Ten Commandments.
Israelites worshipping the Golden Calf.
Moses strikes the Rock in Horeh.
Israelites plagued by fiery Serpents.
Destruction of Jericho.
Song of Deborah.
Jephthah's Daughter meeting her Father.
Samson kills the Lion.
Samson slays the Philistines.
Samson betrayed by Delilah.
Samson grinding Corn in Prison.
Samson pulling down the Temple.
Ruth in the Fields of Boaz.
David kills Goliath.
David returns Conqueror of Goliath.
David bringeth the Ark from Kirjath.
David in Saul's Camp.
David before Saul.
Saul casting his Javelin at David.
Saul visits the Witch of Endor.
Death of Saul.
Ahsalom entangled in the Oak.
Rizpah protecting the Bodies of her Children.
The Judgment of Solomon.
The Queen of Sheha visits Solomon.
Elijah ascending to Heaven in a Chariot of Fire.
Building of the New Temple at Jerusalem.
Esther espoused by Ahasuerus.
Esther implores Ahasuerus.
Esther confounds Haaman.
Jeremiah weeping over Jerusalem.
Three Children in the Fiery Furnace.
Joh and his three Friends.
Belshazzar's Feast.
Daniel in the Lion's Den.
Jonah and the Whale.

New Testament.

Annunciation to Mary.
Naming of John the Baptist.
The Angel appearing to the Shepherds.
Star of Bethlehem.
Nativity.
Adoration of the Magi.
Presentation in the Temple.

Slaughter of the Innocents.
Flight into Egypt.
The Repose in Egypt.
Shadow of the Cross.
Jesus in the Workshop of Joseph.
Jesus among the learned Men.
The return to Nazareth.
John the Baptist preaching in Wilderness.
John baptizes Jesus.
Temptation of Christ.
The Wedding at Cana.
The calling of Matthew.
Christ clearing the Temple.
Christ and the Woman of Samaria.
The Sermon on the Mount.
Christ healing the Sick.
Resurrection of the Daughter of Jairus.
Christ stilling the Storm.
Christ walking on the Sea.
Mary anointing the Feet of Christ.
Christ preaching on the Sea of Galilee.
Parable of the Lilies.
Parable of the Sower.
Parable of the Virgins.
Parable of the Good Samaritan.
Parable of the Prodigal Son—The Carousal.
Parable of the Prodigal Son—The Swineherd.
Parable of the Prodigal Son—The Return.
Christ hessing little Children.
Christ and the rich young Man.
Who is greatest in the Kingdom of Heaven.
Jesus in the House of Mary and Martha.
The Tribute Money.
The Widow's Mite.
The Miracle of the Loaves.
Miraculous Draught of Fishes.
The Transfiguration.
The Pharisee and the Puhlican.
Raising of Lazarus.
Christ entering Jerusalem.
Washing the Feet of the Apostles.
Christ weeping over Jerusalem.
The last Supper.
Christ hessing the Bread.
Christ in the Garden of Gethsemane.
Christ commending his Flock to Peter.
The Judas Kiss.
Christ before Pilate.
Christ scourged.
Christ crowned with Thorns.
Christ the Outcast of the People.
Peter denies Christ.
Christ bearing the Cross
Christ arriving at Calvary.
The Crucifixion.
Golgotha.
First Easter dawn.
The Descent from the Cross.
The Burial of Christ.
The Resurrection.

The above Views in styles of *Crayon Photographs*, 50 cents each, \$45.00 per 100.

Fine Colored Photographs, \$1.50 each, \$18.00 per Dozen.
(Three inches diameter; each view mounted in slider 4x7 inches.)

Christ appearing to Thomas.
The three Marys at the sepulchre.
Mary Magdalen at the empty tomb.
Easter morning.
The journey to Emmaus.
The ascension.
The pentecost.
Christ, the comforter.
Christ, the rewarder.
Christ, the good shepherd.
Ecce homo.
Mater dolorosa.
Peter healing the lame man.
Martyrdom of Stephen.
Conversion of Saul.
Angels releasing the apostles in prison.
Death on the pale horse.
The angel shows Jerusalem to John

Dore's Illustrations of the Bible.

(A collection of 230 views, a detailed list of which will be sent on application. Those most suitable for exhibition purposes are included in the preceding list.)

The Tabernacle in the Wilderness.

1. The Tabernacle and Camp.
2. Holy Place and Most Holy.
3. High Priest in linen robes.
4. High Priest in "garments of beauty and glory."
5. Brazen Altar and covering.
6. Candlestick and covering.
7. Ark and covering.
8. Altar of Incense and covering.
9. Brazen Laver.
10. Table of Shew Bread.

The Ten Commandments.

1. Thou shalt have no other gods before me.
2. Thou shalt not make unto thee any graven image.
3. Thou shalt not take the name of the Lord thy God in vain.
4. Remember the Sabbath day.
5. Honor thy father and thy mother.
6. Thou shalt not kill.
7. Thou shalt not commit adultery.
8. Thou shalt not steal.
9. Thou shalt not bear false witness.
10. Thou shalt not covet.
11. Moses receiving the tables of the law.
12. Moses delivering the tables.

The above Views, in styles of **Crayon Photographs**, 50 cents each, \$45.00 per 100.

The Lord's Prayer.

1. "Our father who art in heaven."
2. "Thy will be done."
3. "Give us this day our daily bread."
4. "Forgive us our debts."
5. "Lead us not into temptation."
6. "Deliver us from evil."
7. "Thine is the kingdom."

Life of St. Paul.

1. Martyrdom of Stephen.
2. Conversion of Paul.
3. Paul at Athens.
4. Paul at Ephesus.
5. Paul at Malta.
6. Map of Paul's Travels.

Seven Churches of Asia.

1. Ephesus.
2. Smyrna.
3. Pergamos.
4. Thyatira.
5. Sardis.
6. Philadelphia.
7. Laodicea.

The Prodigal Son.

(With descriptive reading.)

From the brilliant and well-known paintings by Deluise, the celebrated French artist.

1. The Carousal.—Riotous Living.
2. The Swine Herd.—"I perish with Hunger."
3. The Return. "Father, I have sinned Against Heaven, and before thee."

Bunyan's Pilgrim's Progress.

(With descriptive reading.)

1. Pilgrim and his Burden.
2. The Shining Light.
3. The Slough of Despond.
4. Pilgrim at the Gate.
5. Christian and the Three Shining Ones.
6. Pilgrim and The Lions.
7. Christian Armed.
8. Fight with Apollyon.
9. Vanity Fair.
10. The Pilgrims Found Sleeping.
11. Pilgrims and The Shepherds.
12. Passing through The Waters.

Christiana and her Children.

(Sequel to Pilgrim's Progress, with descriptive reading.)

1. The Letter.
2. Christiana and her children leaving City of Destruction.
3. Mercy at the Gate.

4. The Shepherd Boy in the Valley of Humiliation.
5. The Valley of the Shadow of Death.
6. The Pilgrims at the house of Gaius.
7. The Cave of the Giant.
8. Death of Giant Despair.
9. Despondency and Daughter released from the Doubting Castle.
10. The Land of Beulah.
11. Christiana about to cross the River.
12. Christiana borne to heaven by angels.

Life's Eventful Voyage.

(From Langenheim's Designs.)
In this beautiful Allegorical Series, the Voyage of Life is represented under the similitude of a Boat, over which a Guardian Angel constantly hovers.

1. CHILDHOOD—The boat is crowded with joyous little occupants.
2. YOUTH—The number has diminished, but every face is radiant with joy.
3. MANHOOD—is full of vigor—the boat rushes on the rocks, but is saved from destruction by the strong arm of the voyager.
4. OLD AGE—"last scene of all that ends this strange eventful history," shows the boat almost motionless, drifting towards the unknown, its sole occupant overcome by the infirmity of age, the Guardian Angel pointing upwards to the heaven beyond where the weary are at rest.

Cole's Voyage of Life.

From the celebrated paintings by Thomas Cole, the distinguished American Artist.

1. Childhood.
"Fair childhood starts, illumed with light, And pleasing visions trace the sight."
2. Youth.
"Then youth arrives. How fair the view! How radiant upward shines the blue!"
3. Manhood.
"What now O God, thro' this stern s' wife Can keep the voyager, save his life?"
4. Old Age.
"While o'er the dark receding storm, Bright breaks the light of endless morn."

Fine Colored Photographs, \$1.50 each, 18.00 per dozen.

(Three inches diameter; each view mounted in slider 4x7 inches.)

Shakespeare's Seven Ages.

1. The Infant.
2. The School Boy.
3. The Lover.
4. The Soldier.
5. The Justice.
6. The Lean and Slipped Pantaloons.
7. The Last Scene.

The Gambler's Career.

(With descriptive reading.)

1. The first seed of the passion planted in the young mind.
2. The development of the passion with higher stakes.
3. Finding himself always the loser, he resorts to false play.
4. He is detected, and roughly handled by his friends.
5. Having lost his all, he leaves the gambling house in despair and madness.
6. He ends his life in a madhouse, still occupied with his ruling passion.

The Drunkard's Career.

(With descriptive reading.)

1. Domestic happiness—the greatest of earthly happiness.
2. The temptation. "Lead me not into temptation."
3. Introduction of sorrow. A loving heart made sad.
4. The rum-hole a substitute for home.
5. Rum instead of reason.
6. Degraded humanity.
7. The cold shoulder by old friends.
8. Rumseller's gratitude—rejection instead of infection.
9. Poverty and want.
10. Robbery and murder the results of drunkenness.
11. *Mania a potu*, the horror of horrors.
12. The death that precedes eternal death.

Ten Nights in a Bar Room.

(With descriptive reading.)

1. The arrival at the "Sickle and Sheaf."
2. Joe Morgan's Little Mary begs him to come home.
3. Slade throws a glass at Joe Morgan and hits Mary.
4. Joe Morgan suffering the horrors of Delirium Tremens.
5. Death of Joe Morgan's Little Mary.

6. Frank Slade and Tom Wilkins riding off on a spree.
7. Willie Hammond is induced by Harvey Green to gamble.
8. Harvey Green stabs Willie Hammond to death.
9. Quarrel between Slade and his son Frank.
10. Frank Slade kills his Father with a bottle.
11. Meeting of the Citizens in the Bar-room.
12. The departure from the "Sickle and Sheaf."

The Bottle.

(With descriptive reading.)

(From Cruikshanks Celebrated Des Gns.)

1. The bottle is brought out for the first time. The husband induces his wife "just to take a drop."
2. He is discharged from his employment for drunkenness. "They pawn their clothes to supply the bottle."
3. An execution sweeps off the greater part of their furniture. "They comfort themselves with the bottle."
4. Unable to obtain employment, they are driven by poverty into the streets to beg, and by this means still supply the bottle.
5. Cold, misery and want destroy their youngest child. "They console themselves with the bottle."
6. Fearful quarrels and brutal violence are the natural consequences of the frequent use of the bottle.
7. The husband in a state of furious drunkenness kills his wife with the instrument of all their misery.
8. The bottle has done its work—it has destroyed the infant and the mother; it has brought the son and daughter to vice and to the streets, and has left the father a hopeless maniac.

The History of Johnny Short.

(From Original designs by Beard; with an Amusing Descriptive Poem.)

1. Introduces Johnny Short—an unsophisticated young man from the country.

2. Jemima, the tavern-keeper's pretty daughter, of whom Johnny is enamored.
3. The flashy gambler who captivated Jemima.
4. Johnny is rejected—feels bad, and takes a drink.
5. Continues drinking, and becomes a drunkard.
6. Makes his bed in the gutter.
7. Where he is disturbed by an old porker.
8. Is rescued by a Temperance man.
9. Signs the Pledge, and goes to work.
10. And becomes a reformed man.
11. Family arrangements of Jemima and her husband.
12. Johnny happily married.

The Stomach of the Drunkard.

(With descriptive reading.)

1. Stomach of a Temperance Man.
2. Stomach of the Moderate Drinker.
3. Stomach of the Drunkard.
4. Stomach after a Debauch.
5. Stomach of a hard Drinker.
6. Stomach of a habitual Drunkard.
7. Stomach of a Drunkard on the verge of the grave.
8. Stomach during Delirium Tremens.

William Jackson's Treat.

(With Poem.)

1. More Champagne! remarked Wm. Jackson. Foreign stuff, with a genuine tax on.
2. Bourbon again—and oh, I say, I'm Will Jackson. Hang it up till Saturday.
3. Don't you go to thinkin' I'm bust. I'm Bill Jackson, Guv, can't you trust?
4. Bill goes out, and the next you hear Of his last treat, off the end of a pier.

The Drunkard's Daughter.

With Descriptive Reading.

1. Her mother dying, she is left alone in the world.
2. She endeavors to support herself by sewing shirts.
3. Payment for her work is refused for alleged imperfections.

The above Views in styles of **Crayon Photographs, 50 cents each, \$45.00 per 100.**

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(Three inches in diameter ; each view mounted in slider 4x7 inches)

4. Unable to pay the rent, she is turned into the street.
5. In a moment of despair she plunges into eternity.
6. Take her up tenderly, lift her with care."

The Two Paths of Virtue and Vice.

1. Childhood.
2. Youth.
3. Manhood.
4. Old age.

The Life of a Country Boy.

1. Leaving Home.
2. Temptation and Fall.
3. Farther on—Gambing.
4. At last—The Forged Check.

The Ill-Fated Ship.

1. The Ship leaving the Wharf.
2. The Ship sailing with a Fair Wind.
3. The Commencement of Storm.
4. Height of the Storm.
5. The Ship on FIRE!
6. The Raft.—SAVED!

The Life of a Ship.

1. Ship leaving Port.
2. Ship among Icebergs
3. Ship on Fire.
4. Ship lost—crew saved in boats.

Tam O'Shanter.

(Rob't Burns.)

1. Tam's wife "nursing her wrath."
2. Tam carousing with Souther Johnny.
3. Tam mounts "gray mare Meg."
4. The witches dance at Alloway Kirk.
5. "Out the heli.sh legion sallied."
6. Tam's gray mare Meg loses her tail.

Cotter's Saturday Night.

(Rob't Burns.)

1. "The toil-worn cotter" returning from his labor.
2. His little children meet him with noise and glee.
3. "Their eldest hope, their Jenny, woman grown."
4. Jenny's lover—"a strapping youth."
5. Youth's tender tale of love.
6. Family worship. The big Hall Bible.

The above Views in styles of

Uncle Tom's Cabin.

(With descriptive reading.)

- (1. George Harris taking leave of his wife.
2. An Evening in Uncle Tom's Cabin.
3. Escape of Eliza and Child on the Ice.
4. Uncle Tom Sold and leaving his family.
5. Eva makes a friend of Uncle Tom.
6. Uncle Tom saves Eva from drowning.
7. George Harris resists the Slave Hunters.
8. Eva and Topsy.
9. Eva reading to Uncle Tom.
10. Eva's Dying Farewell.
11. Legree's cruelty to Uncle Tom.
12. Death of Uncle Tom.

A Visit From Santa Claus.

(With Poem.)

1. "The Children were nestled all snug in their beds."
2. "A miniature sleigh and eight tiny reindeer."
3. "And he looked like a peddler just opening his pack."
4. "Merry Christmas to all, and to all a good night."

"How Persimmons Took Cah ob Der Baby.

(With P. em.)

1. Persimmons and der bab
2. Persimmons' Granny.
3. Persimmons with the baby on the raft.
4. The mother finds her baby.

Irving's Rip Van Winkle.

(With descriptive reading.)

1. Rip Plying with the Children.
2. Rip at the Village Inn.
3. His Scolding Wife.
4. Rip on the Mountains.
5. Rip returns home after a nap of twenty years.
6. Rip relating his story.

The New Tale of a Tub.

(With Poem.)

1. Opening—the Bengal Tiger.
2. Bengal Ease.
3. The Artful Dodge.
4. Look before you Leap.
5. Under Cover.
6. The Climax of the Tail!

Dore's "Paradise Lost."

(The entire series consists of 50 views, a list of which will be sent if wished. The following 12 views comprise the most desirable.)

1. The infernal Serpent and his host of rebel Angels.
2. The arch fiend chained on the Burning Lake.
3. Satan at gates of Hell.
4. Satan viewing Paradise. Finds it a happy rural seat of various views.
5. Adam and Eve refreshing themselves at the fountain
6. Raphael's interview with Adam and Eve.
7. First fight of Michael and Gabriel against Satan and his Angels.
8. God creates fishes and fowls.
9. Satan re-enters Paradise at night involved in a mist.
10. Satan finds the Serpent asleep.
11. The Serpent has beguiled Eve to eat of the forbidden fruit and slinks back to the thicket.
12. Sin and Death going on their mission to destroy.

Dore's "Dante's Inferno."

(76 views.)

\$114 00 per set—Finely Colored Photographic Slides.
\$39.00 per set—Uncolored Crayon Photographic Slides.

Dore's "Ancient Mariner."

(38 views.)

\$57.00 per set—Finely Colored Photographic Slides.
\$19.00 per set—Uncolored Crayon Photographic Slides.

A Leap for Life.

(With Poem.)

New and very Dramatic.

1. "There stood the boy with dizzy brain, Between the sea and sky.
2. "A rifle grasped And aimed it at his son.
3. "That only chance your life can save; Jump, jump, boy?"
4. He sank—he rose—he lived—he moved— And for the ship struck out.

The Road to Ruin.

1. College Card Party.
2. Betting at the Races.
3. The Arrest for Forgery.
4. A Struggle for Existence.
5. The End at Hand.

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 (Three inches in diameter; each view mounted in slider 4x7 inches.)

ASTRONOMY.

1. The Sun, with all the Planets and their Satellites.
2. Comparative sizes of the Sun and Planets.
3. True and Mean place of a Planet in its orbit.
4. Law of Refract. on, as applied to Astronomical observations.
5. Parallels, Meridians, and Zones of the Earth and other Planets.
6. Inclination of the Axis of the Planets Venus, the Earth, Mars, Jupiter and Saturn.
7. Phases and apparent Dimensions of Venus at its extreme and mean distance from the Earth.
8. Earth's Annual Motion around the Sun—showing the twelve Constellations and the sign of the Zodiac.
9. Eclipses.
10. Tides.
11. Inclination of the Moon's Orbit.
12. Causes of the Moon's Phases.
13. Telescopic view of the Full Moon.
14. Telescopic view of the Moon past the last quarter.
15. Telescopic view of the Mountains of the Moon; very highly magnified.
16. Telescopic view of Mars.
17. Telescopic view of Jupiter.
18. Telescopic view of Saturn.
19. Telescopic view of the Comet of 1811.
20. Telescopic view of a portion of the Milky Way, showing Star Clusters, or Resolvable Nebulae.

The above Set of 20 Views, with descriptive Lecture, \$25 00.

Additional Astronomical Illustrations.

21. System of Ptolemy.
22. System of Tycho Brahe.
23. Egyptian Zodiac.
24. The Sun compiled from several dates.
25. Sun spots and faculae.
26. Sun spots, 1872.
27. Sun spots, 1873.
28. Sun spots (Naysmith).
29. Solar prominences 1872.
30. Solar prominences 1873.
31. Total Eclipse of Sun, 1869.
32. Total Eclipse of Sun, 1870.

33. Total Eclipse of Sun, (See *Lx Rue*).
34. Solar cyclone (Secchi), 1857.
35. Willow leaf appearance, (Naysmith).
36. Spectra of Sun, Chromosphere, Prominences and Corona.
37. Spectroscopic indications of Rapid Motion of Prominences.
38. Apparent size of the Sun, seen from the principal planets.
39. Map of the Moon.
40. Comparative size of the Earth and Moon's orbit.
41. The Earth as seen from the Moon.
42. Moon's Craters, 1872. Torricelli, etc.
43. Moon's Craters, 1872. Agatharchides, etc.
44. Moon's Craters, 1872. Cassini, etc.
45. Moon's Craters, 1873. Linné, etc.
46. Moon's Craters, Capernicus (Naysmith).
47. Moon's Craters, Environs of Tycho.
48. Moon's Nodes, Eclipses, etc.
49. Moon's first quarter.
50. Mars and Jupiter and Asteroids.
51. Eclipses and passages of the satellites of Jupiter seen from the earth.
52. Saturn, bird's eye view, ring system.
53. Saturn, position of rings, etc.
54. Saturn, luminous points visible near the period of the disappearance of rings.
55. Saturn, and Earth; comparative size.
56. Uranus and Neptune.
57. Direct and retrograde motion of Mercury and Venus.
58. Comet; Donati's, 1859.
59. Comet; Donati's, 1859.
60. Comet; Donati's, Head.
61. Comet; Coggia's, 1874.
62. North circumpolar stars, extending about 60 degrees from the Pole.
63. Orion and adjacent constellations.
64. Nebulae; in Orion, 1859-1863.
65. Nebulae; in Orion, 1874, central part.
66. Nebulae; in Andromeda, 1874.
67. Nebulae; in Lyra, 1874, ring.
68. Nebulae; in Leo, dumb bell.
69. Nebulae; in Leo, elliptical annular.
70. Nebulae; in Virgo, spiral.
71. Nebulae; in Canes Venatici, spiral.

72. Nebulae; trifold, 1874.
 73. Clusters in Hercules, 1874.
 74. Seasons, length of days, etc.
 75. The Earth and Seasons.
 76. Parallax.
 77. Refraction, parallax, light and heat.
 78. Ecliptic Chart.
 79. Discovery of Planet.
 80. Visible Heavens, Jan. 21 to April 17.
 81. Visible Heavens, April 18 to July 21.
 82. Visible Heavens, July 22 to Oct. 31.
 83. Visible Heavens, Nov. 1 to Jan. 20.
 84. Celestial Hemisphere, Northern.
 85. Celestial Hemisphere, Southern.
 86. Construction of Reflecting Telescopes.
 87. Lord Rosse's Telescope.
 88. Sir William Herschel's Telescope.
 89. Interior of Astronomical Observatory.
- (See "Additional Scientific.")

Revolving Astronomical Diagrams, with Rack Work Movements.

(With descriptive reading.)
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Spectrum Analysis

1. Decomposition of Light by prism.
2. Comparative intensity of heating, luminous and chemically active Rays.
3. Fraunhofer's Map of Solar Spectrum.
4. The Spectroscope.
5. Spectra of the Sun, Beta Cygni and Hydrogen.
6. Spectra of Potassium, Rubidium, Sodium, and Lithium.
7. Spectra of Carbon, Comet II. (1868), Spark and Nebulae.
8. Spectra of Aldebaran and Alpha Orionis.
9. Kirchhoff's Map (from 194 to 220) and Rutherford's Photograph of same.
10. Spectra of Chlorophyll, Chloride of Uranium, Magenta and Blood.
11. Gassiot's Spectroscope.
12. Huggin's Map of Metallic Lines, from 230 to 2790.
13. Huggin's Map of Metallic Lines, from 2790 to 5250.
14. Huggin's Star Spectroscope.
15. Map of Solar Spectrum, from 38 to 163.
16. Map of Solar Spectrum, from 162 to 287.
17. Map of Solar Spectrum, from 283 to 406.
18. Coincidence of Spectrum of Iron with 65 of the Fraunhofer Lines.
19. Spectra of the Sun, Chromosphere, Prominence and Corona.
20. The Atmospheric Lines.

(See also "Additional Scientific.")

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OPTICS.

1. Reflection of Light.
2. Formation of Image by Plain Mirror.
3. Formation of Image by Convex Mirror.
4. Formation of Image by Concave Mirror.
5. Foci of Concave Mirrors.
6. Refraction of Light.
7. Laws of Refraction and total Reflection.
8. Refraction in Body with Parallel Sides.
9. Forms of Lenses.
10. Formation of Image by Double Convex.
11. Formation of Image by Plano-convex.
12. Formation of Image by Concave Lens.
13. Spherical Aberration.
14. Action of Prism—Chromatic Dispersion.
15. Chromatic Aberration—Achromatic Prism and Lens.
16. Diagram to explain Wave Lengths.
17. Double Refraction—Iceland spar—Nichol Prism.
18. Polaroscope, etc.
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20. Colored Rings in unannealed glass Cube.

(Diagram with movements showing Wave Motion in its application to the Laws of "Light," \$5.00.)

(See also "Additional Scientific.")

GEOLOGY.

1. The Geological Record.
2. Ideal Section of the Earth's Crust.
3. Thickness of the Earth's Crust.
4. Section of a Volcano in Action.
5. Fingal's Cave.
6. Grotto of Antiparos.
7. Glacier, Mount Rose, Switzerland.
8. Glacier Tables.
9. Coral Island.
10. Corals.
11. Rain Drop Marks.
12. Trilobites.
13. Ammonites.
14. Pterichthys, Coccostes, Cephalaspis.
15. Fossil Fern, Impression of.
16. Forest of the Coal Period.
17. Ichthyosaurus, Plesiosaurus and Pterodactyle.
18. Megatherium Skeleton.
19. Fossil Footmarks.
20. The Mammoth Restored.

The above Set of 20 Views, \$25 00.

Additional Geological Illustrations.

21. Skeleton of Plesiosaurus.
22. Sigilari.
23. Lepidodendron.
24. Tracks (The Stone Books).
25. Bone Cavern (Wirksworth, Eng.).
26. Skeleton of Mastodon.
27. Pentacrinites Briareus.
28. Apicrinites and Actinocrinites.
29. Pterodactyle.
30. Lava Arch, Iceland.
31. Foraminifera (from Atlantic Soundings).
32. Dinornis Mantelli.
33. Section of the Cavern of Galenreuth (Hartz).
34. Sandstone Columns in Saxony.
35. Skull of Mosasaurus.
36. Temple of Serapis (Puzzuolo).
37. The Dodo (an extinct bird).
38. Convoluted strata.
39. Skeleton of Ichthyosaurus.
40. Diplacanthus striatus.

Ideal Geological Landscapes.

1. Silurian Period.
2. Devonian Period.
3. Transition Period.
4. Carboniferous Period.
5. Forest of Coal Period.
6. Permian Period.
7. Triassic Period.
8. Conchylarian Sub-Period.
9. Saliferous Period.
10. Lower Oolite Period.
11. Lower Cretaceous Period.
12. Cretaceous Period.
13. Eocene Period.
14. Miocene Period.
15. Drift Period.
16. Recent Period.

Extinct Animals.

(With descriptive reading.)

1. Plesiosaurus, Teleosaurus, Ichthyosaurus, Pentacrinites, Ammonites, Gryphaea.
2. Megalosaurus, Pterodactyle.
3. Iguanodon, Hylæosaurus.
4. Anoplotherium Commune, Anoplotherium Gracile, Peleotherium.
5. Megatherium, Glyptodon.
6. Elephas Primigenus, Hyæna Speleæ, Hippopotamus Major, Ursus Speleus, Machairodus Latidens.

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Anatomy and Physiology.

1. Human Skeleton.
2. Human Skull.
3. Section of the Spine, etc.
4. Teeth, structure, etc.
5. Muscles, front view.
6. Muscles, back view.
7. Muscles of the head, neck and face.
8. The Digestive Organs.
9. Intestines.
10. Stomach, Liver, Pancreas.
11. The Thoracic Duct.
12. Heart and Lungs.
13. Diagram of Circulation.
14. Skin, structure of.
15. Brain and Spinal Chord.
16. Nervous System.
17. Fifth pair of Nerves.
18. Facial Nerves.
19. Diagram of the Eye.
20. Anatomy of the Ear.

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(See Lecture Set, "Human Physiology," 52 views; also 335 views of Anatomy among the "Additional Scientific.")

ZOOLOGY.

- Albatross.
- Alligator.
- Armadillo.
- Barnacles.
- Basilisk.
- Bat.
- Bear, Grizzly.
- " Polar.
- Beaver.
- Bedbug.
- Beetle.
- Bird of Paradise.
- Boa Constrictor.
- Buffalo.
- Butterfly.
- Camel.
- Chameleon.
- Chamois.
- Cobra.
- Cockatoo.
- Condor.
- Crab.
- Crocodile.
- Deer.
- Dog.
- Dolphin.
- Eagle.
- Elephant.
- Falcon.
- Flamingo.
- Flea.
- Flying Fish.
- Fox.
- Gall Fly.
- Giraffe.
- Gopher.
- Gorilla.
- Hedgehog.
- Hippopotamus.
- Humming Bird.
- Hyena.
- Ibis.
- Itch Insect.
- Jaguar.
- Jelly Fish.
- Kangaroo.
- Kingfisher.
- Leopard.
- Lion.
- Lizard.
- Lobster.
- Louse.
- Monkey.
- Musk Ox.
- Nautilus.
- Opossum.
- Ostrich.
- Owl.
- Parrot.
- Pelican.
- Penguin.
- Plant Louse.
- Porcupine.
- Porpoise.
- Prairie Dog.
- Raccoon.
- Rabbit.
- Rattle Snake.
- Raven.
- Reindeer.
- Rhinoceros.
- Saw Fish.
- Saw Fly.
- Scorpion.
- Seal.
- Sea Horse.
- Sea Lion.
- Shark.
- Sheep.
- Silk Worm.
- Skeleton of Man and Monkey.
- Skunk.
- Spider.
- Squirrel.
- Star Fish.
- Stork.
- Sword Fish.
- Tiger.
- Torpedo.
- Turtle.
- Walrus.
- Whale.
- Whippoorwill.
- Wolf.
- Zebra.

(See Lecture Set, "Walk in the Zoo," 48 Views.)

BOTANY.

1. Parts of a Plant.
2. Germination.
3. Roots.
4. Buds and Leaves.
5. Flowers and Inflorescence.
6. Stamens and Pistils.
7. Exogenous Structure.
8. Crowfoot Family—Colum- [bine, etc.]
9. Pink Family.
10. Tobacco.
11. Clover.
12. Apple.
13. Rose.
14. Melon.
15. Composite Family—Chic- ory and Calopsis.
16. Oak.
17. Fir and Hemlock Spruce.
18. Endogenous Structure.
19. Date Palm.
20. White Garden Lily.

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Additional Botany.

- Almond, Flower and Fruit.
- Banyan Tree.
- Blackberry, Flower and Fruit.
- Black Pepper.
- Cactus.
- Camelia.
- Chrysanthemum.
- Cinnamon.
- Clove.
- Cocoa.
- Coffee.
- Convallaria.
- Dahlia.
- Dicentia.
- Figs and Olives.
- Fuschia.
- Geranium.
- Holly.
- Hyacinth.
- Ilex.
- Lily, Japanese.
- " Johnsoni.
- " of the Valley.
- " Pond.
- Magnolia and Passion Flower.
- Nasturtium.
- Nutmeg.
- Oleander.
- Pelargonium.
- Peony.
- Peruvian Bark.
- Pine Apple.
- Pitcher Plant.
- Pomegranate.
- Poppy.
- Sarracenia.
- Stanhopea.
- Stock Gilliflower.
- Strawberry, Flowers and Fruit.
- Tea.
- Tulip.
- Vanilla.
- Venus Fly-trap.
- Viburnum.
- Violets.

Natural Phenomena.

(With descriptive reading.)

1. Rainbow.
2. Aurora Borealis.
3. Will o' the Wisp.
4. Water Spouts.
5. Sand Storm.
6. Geysers.
7. Falls of Niagara.
8. Coral Reefs.
9. Glacier, Sea of Ice.
10. Icebergs.
11. Volcano.
12. Prairie on Fire.

Crystallography.

1. Primary Forms.
2. Regular System.
3. Quadratic System.
4. Hexagonal System.
5. Rhombic System.
6. Monoclinic System.
7. Triclinic System.
8. Ice Flowers (Tyndall).
9. Snow Crystals.
10. Ice Crystals.

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Nineveh and Babylon.

(From Layard's Work.)

1. Palace of Sennacherib.
2. Entrance to a Temple.
3. do do
4. do do
5. Process of Removing the Sculptured Slabs.
6. Sennacherib on Throne.
7. Pul or Tiglath Pileser in his Chariot.
8. Jewish Captives.
9. Warriors Driving over their Enemies.
10. Playing a Prisoner alive.
11. Besieging a city.
12. Removal of sculpture of a colossal Bull.
13. Tools and workmen for moving do.
14. Scales, etc. — Illustrating system of weights.
15. Bottles of Glass and Earthenware.
16. Pitcher of Soap-stone.
17. Terra-Cotta Tablet of Indian Dog.
18. Engraved Cylinder and Seal.
19. Coffins of glazed earthenware.
20. Cuneiform characters of the inscriptions; with parallel columns, showing the same names in Hebrew and English.

Assyrian Antiquities.

1. Nisroch.
2. The Great King.
3. Nimroud.
4. Expulsion of Evil by Good Spirit.
5. Plan of Babylon.
6. King putting out Eyes of Captive.
7. Sardanapalus and Altar.
8. Statue of Cyrus.
9. King on Throne with Attendants.
10. Sennacherib.
11. Ruins of Babylon.
12. Ruins of Sus.
13. Mount Ararat.
14. Bir Nimroud.
15. Source of Tigris.
16. Urfah.
17. Hamadan and Ruins of Castle Darius.
18. Ruins of Persepolis.
19. Interior of Caravanserai.
20. Great Mosque of Urfah.

Egyptian Antiquities.

1. Wine Press.
2. Royal Boat.
3. Armor.
4. Cooking Utensils.
5. A Harper.
6. Chair from Tomb of Rameses.
7. Golden Ewer and Basin from ditto.

8. Brick Making.
9. The Mummified Bull Apis.
10. Typical Heads Greek, Assyrian, and Egyptian.
11. Necklace and Earrings of Menes, the first Pharaoh, 2750 B. C.
12. Judgment of the Dead.
13. Mummy Cases.
14. Couch.
15. Granary.
16. Monurns.
17. Signet Rings.
18. Chariots.
19. Workers in Metal.
20. Great Rock Temple.

Grecian Antiquities.

1. Plan of Athens.
2. Ancient Athens Restored.
3. Ruins of Athens.
4. The Pyraeus.
5. Mars Hill.
6. Philosopher's Garden.
7. Ruins of the Parthenon.
8. The Parthenon restored.
9. Temple of Jupiter at Olympia.
10. Oracle at Delphi.
11. Sacrifice to Neptune.
12. Sacrifice to Mars.
13. Statue of Pallas Athenæ.
14. Olympian Games.
15. Grecian Warriors.
16. Grecian Chariot.
17. Grecian Dwelling.
18. Grecian Ceremony before Marriage.
19. The Areopagus.
20. The Assembly of Gods.

The Old Roman World.

(With Descriptive Reading.)

1. Liberality of the Roman Women.
2. Cornelia and her Jewels.
3. A Roman Chariot Race.
4. The Vintage Festival.
5. Death of Cæsar.
6. Roman Prisoners Passing under the Yoke.
7. A Roman Feast.
8. Antony and Cleopatra.
9. Gladiators Going to the Circus.
10. The Victorious Gladiator's Appeal.
11. Destruction of Pompeii.
12. The Wild Beasts and their Victims in the Coliseum.

The Catacombs of Rome.

(From Bishop Kip's Work.)

1. Ground Plan.
2. A Gallery.
3. Tomb of Valeria.
4. Tomb of Gemella.
5. Tomb of Lannus, Christian Martyr.
6. Tomb of Victoria, Christian Martyr.

7. Tomb of Veneria, the wool carder, showing the implements of his trade.
8. Antique Lamp sculptured on a Tomb, with symbol of Fish, and Constantinian monogram.
9. Signet Ring, with symbol of ship, fish, dove.
10. Sketch of Painting found in the Catacombs—"Christ the Good Shepherd."

Chinese Habits and Customs.

1. Street in Canton.
2. Temple of Buddha.
3. Great Temple at Honan.
4. Porcelain Tower, Nanking.
5. Apartment in a Mandarin's House.
6. Mandarin paying a visit of ceremony.
7. Marriage Procession.
8. Feeding silk worms.
9. Itinerant Barber.
10. Opium Smoker.
11. Kite Flying.
12. Chinese Cemetery.

MAPS.

- Map of United States.
 " British Isles.
 " Europe.
 " Asia.
 " Palestine.
 " London.
 " Paris.
 " Rome Ancient.
 " Rome Modern.
 " Jerusalem.
 " Pisa.
 " Venice.
 " The River Nile.
 " Northern Italy.
 " Florence.
 " The Walls of Rome.
 Plan of the Vatican.
 Ground Plan of St. Peters.
 Plan of Waterloo.

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 Sound, 177 views.
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Life of Garfield.

Young Garfield on the Tow-path.
Garfield at Battle of Chickamauga.
Garfield taking Oath at Inauguration.
The Shooting of Garfield.
Mrs. Smith supporting Garfield.
Garfield in Bed at White House.
Arrest of Assassin.
Guiteau in Prison Cell.
Garfield in Car going to Long Branch.
The Cottage at Long Branch.
Garfield and Wife at Cottage Window.
Death-bed of Garfield.
After Death. A Brave Struggle ended.
The Catafalque of Garfield, Cleveland.
Catafalque and Funeral Car.
Garfield's Mother praying beside Catafalque.
People viewing Body of Garfield.
Lawnfield—Garfield's Home, near Mentor.
Garfield's Letter to his Mother.
Garfield's Favorite Hymn.
Portrait of Garfield.
Portrait of Mrs. Garfield.
Portrait of Garfield's Mother.
Portrait of Guiteau.
Garfield Family Group.
Guiteau on the Scaffold.

Drake's Ode to the American Flag.

(With Poem.)

1. "When Freedom from her Mountain Height"—The Banner in the Sky.
2. "Majestic Monarch of the Cloud"—American Eagle.
3. "Flag of the Brave, thy Folds shall fly"—Battle of Princeton.
4. "And, when the Cannon-mouthings loud"—Battle of Chippewa.
5. "Flag of the Seas! on Ocean Wave."—Battle of Plattsburg Bay.
6. "Flag of the Free Heart's Hope and Home"—The Star-spangled Banner.

Life of Washington.

1. The Cherry Tree Incident.
2. Young Washington as a Peacemaker.
3. Courtship of Washington.
4. Washington Crossing the Delaware.
5. The Prayer at Valley Forge.
6. The Inaugural Address of Washington.
7. Lafayette at Mt. Vernon.
8. Last Moments of Washington.

ENGLISH HISTORY.

Battle of Shrewsbury, 1403.
Murder of the Princes in the Tower, 1493.
Marriage of Henry VIII. and Anne Boleyn, 1533.
Last moments of Mary, Queen of Scots, 1587.
Charles I. parting with his Children, 1649.
Cromwell dissolving the Parliament, 1654.
Cromwell refusing the Crown, 1656.
Defoe in the Pillory, 1702.
Battle of Trafalgar, 1805.
Quatre Bras, 1815.
Relief of Lucknow, 1857.
Charles I.
Duke of Wellington.
Lady Jane Grey.
Lord Nelson.
Prince of Wales.
Queen Anne.
Queen Anne Bolcyn.
Queen Elizabeth.
Queen Mary ("Bloody Mary").
Queen Mary of Scots.
Queen Victoria.

IRISH HISTORY.

St. Patrick going to Tara, A. D. 432.
Battle of Clontarf, 1014.
Death of Brian Boru, 1014.
Marriage of Strongbow and Eva, 1169.
Siege of Limerick, 1651.
John Philpot Curran.
Robert Emmet.
Lord Edw. Fitzgerald.
Henry Grattan.
Daniel O'Connell.
Chas. S. Parnell.
Sarsfield, Earl of Lucan.
Wolf Tone.

FRENCH HISTORY.

Storming of the Bastille, 1789.
Louis XVI. and the Mob in Tuileries, 1792.
Napoleon Crossing the Alps, 1796.
Battle of Austerlitz, 1805.
Napoleon at Sonmo Sierra.
Battle of Wagram, 1809.
Battle of Waterloo, 1815.
Napoleon parting with the Old Guard, 1815.
Napoleon parting with his Son, 1815.
Napoleon at St. Helena, 1815.
Death of Napoleon, 1821.
Napoleon's Clemency to the Sentinel.
Napoleon visiting the Ambulance.
Barnave, Deputy, 1793.
Camille Desmoullins.
Charlotte Corday.
Danton.
Empress Eugenie.
Joan of Arc.
Louis XVI.
Louis XVII.
Louis XVIII.
Marie Elizabeth.

Madame Roland.
Marat.
Marie Antoinette.
Marshal Ney.
Mirabeau.
Napoleon I.
Napoleon III.
Pompadour.
Robespierre.
St. Just.

Additional Historical Subjects.
United States History.

Puritans' First Sabbath in America.
John Brown on his way to Execution.
Destruction of Gosport Navy Yard.
Struggle on the Bridge at Manassas.
Battle of Cedar Mountain.
" " Chancellorsville.
Farragut at Mobile Bay.
Deathbed of Lincoln.
Barbara Freitchie.

ENGLISH HISTORY.

Parting of Sons of Edward IV.
The Princes in the Tower.
Mary Stuart and Rizzio.
Mary Stuart mourning over Douglass.
Deathbed of Queen Elizabeth.
Meeting of Wellington and Blucher.
Nelson on the San Josef.
Death of Nelson.
Princess Elizabeth.
Earl of Essex.
Sir Walter Raleigh.
Henry VIII.

FRENCH HISTORY.

Roll Call—Reign of Terror.
Death of Marat.
Charlotte Corday at Prison Window.
Marie Antoinette at Trianon.
Louis XVI. and Family in Prison.
Family of Louis XVI. awaiting Death.
Marie Antoinette in Prison.
Marie Antoinette before the Tribunal.
Marie Antoinette on her way to Execution.
Napoleon at the Pyramids.
Napoleon on board the Belleophon.
Empress Josephine.
Marie Louise.

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 Age of Gallantry. *Boughton.*
 Age of Gold.
 Agnus Dei.
 Alarm, The. *Detaille.*
 Alexander and Diogenes. *Landseer.*
 All that was left of the Homeward Bound. *Riviere.*
 Almee, Dancing Girl. *Gerome.*
 Alone at last. *Tofans.*
 Always speak the truth. *Nicol.*
 Amateur Quartette.
 American Eagle on National Shield.
 American Flag.
 American Railway Station.
 Amour Sharpening his Darts.
 Ancient Custom. *Gerome.*
 Ancient Greek Costume.
 Angel Choir. *Reynolds.*
 Angel of Light.
 Angel of Peace. *Kaulbach.*
 Angle of Purity.
 Appian Way, Rome. *Boulanger.*
 Apple Dumplings. *Nestle.*
 Apple Gathering. *Thompson.*
 Aquarium. *Brochart.*
 Arabian Advance Post. *Schreyer.*
 Arab Outpost. *Schreyer.*
 Arab Sheik Travelling. *Schreyer.*
 Aurora. *Hamon.*
 Autumn.
 Babes in the Wood. *Chant.*
 Baby's Better. *Staples.*
 Baptism of the Covenanters.
 Barber, The. *Fitzgerald.*
 Barber Shop of Licinius, Rome.
 Barcarolle by Moonlight. *Gleyre.*
 Bargaining for a Horse. *Mount.*
 Basket of Croquemitaine.
 Bassanio and Portia.
 Beatrice Cenci. *Berger.*
 Beatrice Cenci. *Reni.*
 Been to Town.
 Believer's Vision.
 Bell Rock Lighthouse. *Turner.*
 Blacksmith.
 Blessings of the House and Field. *Becker.*
 Blindman's Buff.
 Blindman's Buff. *Th Schor.*
 Blue Bird. *Lejeune.*
 Bolton Abbey. *Landseer.*
 Both Puzzled. *Nicol.*
 Boy with many Friends.
 Bridal Party, Bay of Naples.
 Brown Study. *Huggins.*
 Buffalo Hunt.
 Bulldozing.
 Burgomaster's Fete, The.
 Burial of the Bird.
 Burns and Highland Mary.
 Burns Plowing.
 Butterfly.
 Butterfly Chase.
 By the Sea Side. *Brochart.*
 Call to Prayer. *Gerome.*
 Can't you talk? *Holmes.*
 Catching the Crawfish.
 Cattle at Watering. *Bonheur.*
 Cavalry Charge. *Dubaste.*
 Challenge. *Landseer.*
 Cherry Ripe. *Millais.*
 Cherubs. *Raphael.*
 Chicken's Life Boat. *Charodeau.*
 Children making Wreatbs. *Von Bremen.*
 Children's Friend.
 Chimney Sweep. *Hardy.*
 Chorister Boys.
 Christmas Evening — Happy Home.
 Christmas Evening — Homeless.
 Christmas Presents. *Lobrichon.*
 Christmas Tree. *Dieffenbach.*
 Cinderella. *Lejeune.*
 Ciree. *Riviere.*
 City of Ancient Greece. *Linton.*
 Clear the Track. *Schuessle.*
 Cleopatra's Galley. *Picon.*
 Cocker and Woodcock.
 Coming through the Rye.
 Connoisseurs. *Gruetzner.*
 Conversion of Emp. Constantine.
 Cornelia and her Jewels. *Scho-pin.*
 Couriers of the Pasha. *Gerome.*
 Critics, The.
 Crossing the Tay.
 Crown, The.
 Cupid a Captive.
 Cupid Asleep. *Perrault.*
 Cupid Disarmed.
 Dance of the Veil. *Richter.*
 Dauphin, The.
 Death of Caesar.
 Death of the Wild Boar.
 Death Struggle.
 Deer-stalker's Return. *Landseer.*
 Defiance. *Coomans.*
 Departure of the Battalion. *De Newville.*
 Deserter, The. *De Newville.*
 Devotedness, Dog saving Child.
 Discovery, Father buried by an Avalanche.
 Distinguished Member of a Benevolent Society. *Bateman.*
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 Donkeyster Sweepstakes.
 Dream of Hope. *Brooks.*
 Driving a Pair. *O'Neill.*
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 Early Dawn.
 Early Morn.
 Eddystone Lighthouse.
 Effie Deans. *Millais.*
 Egyptian Feast. *Long.*
 Egyptian Threshing Macbine.
 English Channel Steamer.
 English Railway Station.
 Enthusiast, The.
 Entrance of Chas. V. into Antwerp. *Markart.*
 Era of the Reformation. *Kaulbach.*
 Eruption of Mt. Vesuvius.
 Evangeline.
 Evangeline. *Berger.*
 Evening.
 Evening Prayer.
 Evening Star.
 Expectation.
 Explanation of the Bible.
 Fairy Grotto.
 Falls of Terni.
 Fallstaff Mustering his Recruits. *Schroedter.*
 Family Cares. *Barnes.*
 Family Happiness. *Humin.*
 Farewell.
 Faust and Marguerite.
 Feather in her Cap.
 Fetching the Doctor. *Collins.*
 Fête at Court of Cleopatra.
 Fight for the Flag.
 First give me a Kiss.
 First Snowdrop.
 Fisherman's Beacon Light.
 Flaw in the Title. *Beard.*
 Flight from Pompeii.
 Flight of a Soul. *Bougereau.*
 Floreutine Painter.
 Flower of Dunblane.
 Flower of Heaven.
 Forester's Family. *Landseer.*
 Forgotten. *Noble.*
 Foundling Girls.
 Fountain of Love.
 Fox at Bay.
 Fresh Flowers.
 Friend in Suspense. *Landseer.*
 Friends or Foes.
 From an Unknown Shore.
 From Shore to Shore. *Dobell.*
 Gamekeeper's Return. *Cooper.*
 Game of Life.
 Gardner's Daughter. *Graves.*
 Getting in Hay.
 Gipse Fortune Teller.
 Glacier, The. *Brochart.*
 Gladiators going to Circus.
 God's Acre.
 Going to Church. *Kaemmerer.*
 Good Friends. *Brochart.*
 Good-Night, Girl with Candle.
 Good-Night, Words in Moonlight Sky.
 Good-Night, Words in Wreath of Flowers.
 Grandma's Sleep at Noon.
 Grandmother's Favorite.
 Great Expectations. *Lejeune.*
 Greedy Calves. *Weber.*
 Greek Maiden.
 Gretchen and her Pet Lamb.
 Guttenburg reading the First Proof.
 Half Afraid.
 Hammock, The. *Brochart.*
 Happy as a King. *Wilkie.*
 Happy Childhood.
 Harem Favorite.
 Harvest Wagon.
 Hen that Hatched Ducks.
 Hercules and Omphale. *Rudeux.*
 Here they Come.
 Hero.
 He won't burt you. *Millais.*
 Hide and Seek. *Meyerheim.*
 His only Pair. *Faed.*
 Hold on. Slessy.
 Holy Family. *Knaus.*
 Honor thy Father and Mother.
 Horse Fair. *Bonheur.*
 Hound, The. *Bonheur.*

The above Views in style of Crayon Photographs, 50 cents each, \$45.00 per 100.

Fine Colored Photographs, \$1.50 each, \$18.00 per Dozen.

(Three inches diameter; each view mounted in slider 4 x 7 inches.)

- Household Industry. *Detmeis.*
 Huguenot Lovers. *Millaïs.*
 Image of Mamma. *Schlesinger.*
 Immaculate Conception. *Müller.*
 " " *Murillo.*
 Industry.
 Infant Samuel.
 In Luck.
 Innocents Abroad.
 Interesting Family. *Carter.*
 Interview between Anthony
 and Cleopatra.
 In the Highlands. *Hofner.*
 Inundation. *Landseer.*
 Inundation of the Plants.
 Italian Shepherd Boy.
 Jack at Church.
 Jack in Office. *Landseer.*
 Jealousy. *Hall.*
 Jersey. *Douglas.*
 Journeying in the Desert.
 Jungfrau, Switzerland.
 Kabye Scout.
 Kittens, The.
 Kittens in Basket. *Lambert.*
 Knitting Lesson. *Meyerheim.*
 Ladies' Apartment, Rome.
 Lady in Waiting. *Barnes.*
 Lake, The. *Brochart.*
 Last Days of Pompeii.
 Last Moments of Cæsar. *Piloty.*
 Last Moments of Maximillian.
 Last Offspring. *Beyerschlag.*
 Last Prayer.
 Last Request.
 Last Token.
 Leisure Hours.
 Lesson in Geography. *Calic.*
 Liberality of the Roman Wo-
 man. *Coomans.*
 Liberty.
 Life Boat. *Brooks.*
 Life in Death.
 Lily of Ghent. *Absolon.*
 Lion at Home. *Bonheur.*
 Lion Hunt.
 Lion's Bride.
 Little Family. *Müller.*
 Little Frecholders. *Carter.*
 Little Harvesters. *De Metz.*
 Little Nellie.
 Little Red Riding-hood.
 Little Swansdown.
 Lobster Sauee. *Bateman.*
 Long Rocks at Fontainbleau.
Bonheur.
 Looking for a Safe Investment.
 Love at First Sight. *Hunt.*
 Love Athirst. *Hamon.*
 Love or Gold.
 Lovers on the Lake. *Ramberg.*
 Love's Labor.
 Love's Seal.
 Love Step.
 Lucretia and her Maidens.
 Luncheon, The. *Brochart.*
 Lurcher and Rabbit.
 Luther's Thesis nailed to the
 Church.
 Luther burning the Pope's Bull.
 Madonna of Cypriana.
 Madonna of the Candlestick.
Raphael.
 Madonna of the Chair. *Raph-
 ael.*
 Madonna St. Sixtus. *Raphael.*
 Magdalen. *Correggio.*
 Magnanimity of Scipio Africanus
- Margueritte.
 Marriage Offer.
 Ma's Birthday. *Dobson.*
 Meditation. *Cot.*
 Merchant of Habits, Cairo.
 Mexican News. *Woodville.*
 Midday. *Marak.*
 Midnight Challenge.
 Milkmaid.
 Mill and the Still.
 Minnette.
 Mitherless Bain. *Faed.*
 Momentous Question. *Setchel.*
 Monarch of the Glen. *Landseer*
 Monkeys' Duel. *Landseer.*
 Moorish Lady at Bath. *Gerome*
 Morning. *Marak.*
 Morning Call.
 Morning in the Highlands.
Bonheur.
 Morning Kiss. *Frere.*
 Mother's Blessing. *Brooks.*
 Mother's Dream. *Brooks.*
 Mother's Joy. *Amberg.*
 Mother's Nurse.
 Mother's Shadow. *Sant.*
 Mountebank. *Knaus.*
 Mud Pies. *O'Neill.*
 My Dog and I. *Symons.*
 My Horse.
 My Neighbor. *Edwards.*
 Nature's Mirror.
 Naughty Boy foreed back to
 School. *Girardet.*
 Nearing Home.
 Near the Falls. *Brochart.*
 New Baby.
 New Whip. *Barber.*
 New York Harbor. *Davidson.*
 Night.
 Night. *Douzette.*
 Night Session at the U. S. Capi-
 tol.
 Night Watch. *Riviere.*
 No fear of Hounds. *Barber.*
 Nothing Venture, Nothing
 Have. *Bateman.*
 Ocean Steamer at Sea.
 Ocean Steamer leaving Dock.
 Ocean Steamer, Moonlight.
 Ocean Steamer on Fire.
 Ocean Steamer on a lee Shore.
 Off Portland, England.
 Oh! *Fitzgerald.*
 Oh! Astonished Rustics. *Madon*
 Only a Penny.
 Open Bible.
 Othello relating his Story.
 Paradise of Mahomet. *Schopin.*
 Parting of Hector and Andro-
 mache. *Malgouan.*
 Past and Future.
 Past and Present. *Meyerheim.*
 Peek-a-Boo.
 Perilous Passage. *Coomans.*
 Persuasion. *Craig.*
 Pet of the Common. *Horsley.*
 Pet White Fawn.
 Pharaoh's Horses. *Herring.*
 Picture Gallery, Rome.
 Piper and Nutcrackers. *Land-
 seer.*
 Pirates Playing Dice.
 Planning the Route.
 Playing Doctors. *Hardy.*
 Playing Grandma.
 Pleasures of Childhood. *Lasch.*
 Pointer and Partridge.
- Poor Love.
 Poultry Yard. *Chialira.*
 Prairie Travelers on Plains At-
 tacked by Indians. *Landseer.*
 Precept and Example.
 Pretty Kettle of Fish. *Bateman.*
 Pride and Humility. *Cole.*
 Pride of Kildare.
 Princes in the Tower.
 Princess Elizabeth.
 Princess Louise of Bavaria.
 Priscilla.
 Prize for Laziness. *Meyerheim.*
 Promenade of the Harem. *Ge-
 rome.*
 Promised Land. *Schopin.*
 Promising Litter, A. *Barber.*
 Proposal, The.
 Protection. *Landseer.*
 Puss in Boots.
 Rabbit Seller.
 Reading a Will. *Wulke.*
 Reading Election Return.
 Remembered. *Noble.*
 Remember the Sabbath Day.
 Rent Day. *Wulke.*
 Retriever and Pheasant.
 Return of the Swallows.
 Return to the Convent. *Zama-
 cois.*
 Reunion at House of Aspasia.
 Roman Courtship.
 Rouian Feast.
 Roman Prisoners Passing
 under the Yoke.
 Roman Vintage Festival.
Tudema.
 Romeo and Juliet.
 Rose of Destiny. *Pott.*
 Ruined Abbey by Moonlight.
 Ruins of Persopolis. *Riviere.*
 Sabbath Day.
 Sailor's Return.
 St. Bernard Dogs. *Landseer.*
 Sanitary. *Landseer.*
 Sappho.
 Saved. *Landseer.*
 Scene at a Fire.
 Scene at a Tournament.
 Schoolmaster in Love.
 School Revisited. *Leslie.*
 Science trimming the Lamp of
 Life.
 Sculpture Gallery, Rome.
Tudema.
 Sea Gull Rock. *Courant.*
 Sea Sprite.
 See-Saw. *Webster.*
 Serenade, Flora.
 Serenade, Papa.
 Setter and Grouse.
 Shakespeare and his Friends.
 Sheepfold. *Chialira.*
 Sheep in Pasture. *Bonheur.*
 Shepherd's Bible. *Landseer.*
 Shetland Ponies. *Bonheur.*
 Ship striking a Rock. *Brooks.*
 Shipwreck Crew saved on a Raft
 Shores of Old England. *Hicks.*
 Siesta, The. *Winterhalter.*
 Sisters, The.
 Sisters at the Holy Well.
 Slave Market, Cairo.
 Slave Market, Constantinople.
 Sleigh Ride.
 Slide, The.
 Snowballing.
 Socrates instructing Alcibiades.

The above Views in style of **Crayon Photographs, 50 cents each, \$45.00 per 100.**

Fine Colored Photographs, \$1.50 each, \$18.00 per Dozen.
 (Three inches diameter; each view mounted in slider 4x7 inches.)

Song of the Nightingale. *Calix.*
 Spaniel and Wild Duck.
 Spanish Ladies at Bath.
 Spare the Weeds. *O'Neill.*
 Speaking Well. *The. Vely.*
 Stag at Bay. *De Penne.*
 Steady Johnny. *Nicholl.*
 Stream of Life. *Bouvier.*
 Street in Cairo.
 Storm, The
 Summer.
 Summer Afternoon.
 Sunday Afternoon. *Waldmüller*
 Sunrise in the Alps.
 Sunset at Sea. *Turner.*
 Sunshine and Shadow. *Stone.*
 Sweet Margery.
 Swing, The. *Coomans.*
 Swiss Lake—Moonlight.
 Sword Dance, Cairo.
 Sympathy. *Rivière.*
 Tambourine Girl.
 Thoroughbred.
 Thread of Love. *Antigna.*
 Three Members of a Temperance Society. *Herring.*
 Tight Cork. *Konigey.*
 Toilet of the Favorite.
 Tolling the Bell. *O'Neill.*
 To the Rescue. *Landseer.*
 Trapper's Last Shot. *Wranney*
 Traveled Monkey's Return. *Landseer.*
 Traveling in Russia.
 Trial of Patience. *Hardy.*
 Tug of War. *Morgan.*
 Twa Dogs. *Landseer.*
 Twins. *Landseer.*
 Uncle Toby and the Widow.
 Under the Leaves.
 Victorious Gladiator's Appeal. *Gerome.*
 Vigilance—Dog protecting Child
 Village Church.
 Village Pastor. *Frith.*
 Village Recruit. *Wilkie.*
 Village School in an Uproar. *Richter.*
 Wait for Me
 Waning of the Honey Moon.
 Washing Day. *Hardy.*
 Water Lillies. *Bouvier.*
 Wayside Inn.
 Wedding Day.
 Wedding Ring. *Willems.*
 Which do you like? *Holmes.*
 Whitewashing the Negro. *Begas.*
 Widow's Comfort. *Amberg.*
 Wife's Prayer. *Brooks.*
 Wildflower.
 Winning Chariot. *Wagner.*
 Winter.
 Winter Evening.
 Winter Morning in New England.
 Winter's Tale.
 Witness my Name and Deed.
 Wizard's Glen.
 Woodland Mother. *Carter.*
 Woodland Vows. *Beyschlag.*
 Wood-nymph.
 Yacht, The.
 Yes. *Millais.*
 Young Companions.
 Young Huntsman.
 Youthful Darwin expounding his Theory.

Dickens' Characters.

Alfred Jingle.
 Bill Sikes.
 Little Dorrit.
 Mr. Pickwick.
 Mrs. Gamp.
 Sydney Carton.

Gems of American Scenery.

(Direct Photos, from Nature.)

U. S. Capitol, Washington.
 White House, Exterior.
 " East Room.
 " Red Room.
 " Blue Room.
 " Green Room.
 Mansion House, Mt. Vernon.
 Independence Hall, Phila.
 City Hall, New York.
 East River View, New York.
 Brooklyn Bridge, New York.
 Hudson River, New York.
 Washington's Head-quarters, Newburgh, N. Y.
 Libby Prison, Richmond, Va.
 Niagara Falls.
 St. Louis Levee.
 Natural Bridge, Virginia.
 Mormon Tabernacle, Salt Lake.
 Garden of the Gods, Colorado.
 Old Faithful, Yellowstone.
 Yellowstone Falls.
 Mammoth Hot Springs, Yellowstone.
 Yosemite Falls, Yosemite Val.
 Mirror Lake, " "
 San Francisco Harbor.
 San Francisco, Chinese Joss House,
 State Capitol, Sacramento.

Gen. Phil. Kearney.
 Gen. Robt. E. Lee.
 Abraham Lincoln.
 Gen. G. B. McClellan.
 Gen. McDowell.
 Admiral David Porter.
 Gen. Rosecrans.
 Gen. Scott.
 Gen. Phil. Sheridan.
 Gen. W. T. Sherman.
 Gen. Franz Sigel.
 Gen. G. H. Thomas.
 President Cleveland.

Emp. Charlemagne.
 Peter the Great.
 Queen Victoria.
 Prince of Wales.
 Emp. William of Germany.
 Crown Prince of Germany.
 Bismarck.
 King of Belgium.
 King of Sweden.
 Emp. of Austria.
 King of Denmark.
 Czar of Russia.
 Queen of Greece.
 King of Portugal.
 Pope Leo XIII.
 Hon. Wm. E. Gladstone.
 Lord Salisbury.
 John Bright.
 Jos. Chamberlain.
 Jos. Arch.

Darwin.
 Huxley.
 Tyndall.
 Rev. C. H. Spurgeon.
 Tennyson.
 Sir Walter Scott.
 Shakespeare.
 Robt. Burns.
 Chas. Dickens.

Michael Angelo.
 Rosa Bonheur.
 John Singleton Copley.
 Dante.
 Doré.
 Albert Durer.
 Gerome.
 Hogarth.
 Holbein.
 Millais.
 Murillo.
 Poussin.
 Raphael.
 Rembrandt.
 Sir Joshua Reynolds.
 Rubens.
 Gilbert Stuart.
 Thorwaldsen.
 Titian.
 Vandyke.

Portraits.

Maj. André.
 Benedict Arnold.
 Benj. Franklin.
 Thos. Jefferson.
 Gen. Wayne.
 Gen. Gates.
 Lord Cornwallis.
 Lafayette.
 Washington. (Stuart.)
 Martha Washington.
 Washington Irving.
 Stephen Girard.
 Peter Cooper.
 Wm. H. Vanderbilt.
 Jay Gould.
 Brigham Young.
 Gen. Robt. Anderson.
 Gen. P. T. Beauregard.
 Gen. A. E. Burnside.
 Gen. B. F. Butler.
 Gen. Custer.
 Jeff. Davis.
 Col. E. E. Ellsworth.
 Commodore Farragut.
 Commodore Foote.
 Gen. U. S. Grant.
 Maj. Gen. Hancock.
 Gen. Joe Hooker.
 Gen. Stonewall Jackson.
 Gen. J. E. Johnston.

The above Views in style of *Crayon Photographs*, 50 cents each, \$45.00 per 100.

Fine Colored Photographs, \$1.50 each, \$18.00 per Dozen.

(Three inches diameter; each view mounted in slider 4 x 7 inches.)

SECRET SOCIETY VIEWS.

The most convenient, impressive and economical mode of illustrating the ceremonies of Secret Societies. The following lists give the views generally in demand, though other views can be made to order from any engravings or designs that may be furnished. (Price of such special views, finely colored, \$2.50 each.)

Masonic.



First Degree.

1. Holy Bible, Square, Compass and Warrant.
2. Ancient Lodge in Valley.
3. Form of Lodge.
4. Jacob's Ladder.
5. Furniture of Lodge.
6. Ornaments of Lodge.
7. Lights of Lodge.
8. Jewels of Lodge.
9. Tabernacle in Wilderness.
10. St. John the Baptist, and St. John the Evangelist.
11. Masonic Tenets.
12. Points of Entrance.

Second Degree.

13. Three Orders of Architecture.
- #### Third Degree.
14. Marble Monument.
 15. Ancient Three Grand Masters.
 16. Three Steps.
 17. Pot of Incense.
 18. Bee Hive.
 19. Book of Constitutions Guarded by Tyler's Sword.
 20. Sword Pointing to Naked Heart, and All-Seeing Eye.
 21. Anchor and Ark.
 22. Forty-seventh Problem.
 23. Hour Glass and Scythe.
 24. Emblems of Mortality.

Royal Arch Chapter.

25. The Burning Bush.

Commandery.

26. Angel at Sepulchre.
27. Three Marys at Tomb.
28. Ascension of Christ (with lever ascension, movement to the figure, \$3.50).

Prelate.

29. Valley of Dry Bones.
30. The Crucifixion.
31. Body of Christ in Tomb.
32. Resurrection of Christ.
33. The Cross.
34. The Pilgrim.
35. The Knight.
36. The Penitent.
37. Christ on the Cross.
38. Death on the Pale Horse.
39. Human Skull.
40. John at Patmos.
41. Faith at the Cross.
42. Cross and Crown of Glory with motto, "Crown of Life."

Odd-Fellows.



Initiatory Degree.

1. All-seeing Eye.
2. Three Links.
3. Skull and Cross Bones.
4. The Scythe.

First Degree.

5. Bow and Arrow.
6. The Quiver.
7. Bundle of Sticks.

Second Degree.

8. The Axe.
9. Heart and Hand.
10. The Globe.
11. The Ark.
12. The Serpent.

Third Degree.

13. Scales and Sword.
14. The Bible.
15. The Hour Glass.
16. The Coffin.

Encampment Emblems.

17. The Three Pillars.
18. The Tent.
19. The Pilgrim's Scrip, Sandals and Staff.
20. The Altar of Sacrifice.
21. The Tables of Stone, Crescent and Cross.
22. Altar of Incense.

Degree of Rebecca.

23. Moon and Seven Stars.
24. Bee Hive.
25. Dove with Outspread Wings.
26. Rebecca at the Well.
27. Ruth and Naomi.
28. Miriam.

Sons of America.

1. Landing of the Pilgrims.
2. Battle of Bunker Hill.
3. Washington Crossing the Delaware.
4. Battle of Stony Point.
5. Surrender of Cornwallis.
6. Battle of New Orleans.
7. Scott entering Mexico.
8. Bombardment Sumter.
9. Battle Pittsburg Landing.
10. Battle of Antietam.
11. Surrender of Gen. Lee.
12. Washington Praying at Valley Forge.
13. Rally at Washington, 1861.
14. School House.
15. Son of America in Regalia.

Grand Army of the Republic.

1. Artillery Duel.
2. Naval Battle.
3. Soldier on Guard in Snow Storm.
4. G. A. R. Member and Citizen clasping hands.
5. Lone Sentinel on a Rock.
6. Muster in of a Recruit into G. A. R.
7. One-armed Soldier and One-legged Sailor.
8. Cemetery on Decoration Day.
9. Widow and Orphan soliciting Charity.
10. Hospital.
11. Battlefield after the Battle.
12. Height of the Battle.
13. Eagle on Shield (Loyalty).
14. Bombardment of Fort Sumter.
15. Battle Scene.
16. Rallying round the Flag.
17. American Flag.
18. Surrender of Lee.
19. Shooting a Traitor.
20. Grand Army Badge.

American Mechanics.



1. Washington.
2. Punishment.
3. The Forge.
4. The Settlement.
5. The Increase.
6. Family Happiness.
7. Temptation.
8. Perdition.
9. Age and Infancy.

Temple of Honor.

1. Five-pointed Star.
2. Six-pointed Star.
3. Triangle and Six-pointed Star.
4. Temple of Honor.
5. Rainbow.
6. Open Grave.
7. Closed Grave.
8. Flash of Lightning.

The above Views in style of **Crayon Photographs**, 50 cents each, \$45.00 per 100.

SETS OF DISSOLVING VIEWS.

Fineiy colored, each on glass plate three inches diameter, mounted in slider 4x7 inches.

NOTE.—The following Views have been selected and executed with great care, so as to produce the best dissolving effects; they can be used separately in a single Magic Lantern, but the beautiful Dissolving effect can only be produced by a Pair of Dissolving View Lanterns or Stereopticons. See remarks on pages 7, 8, 20, 29, 32.

In Sets of two Slides, \$3.00 per Set.

- Abduction and Vengeance.—1. A Knight, clad in armor, elopes with the lady of the castle. 2. Deadly combat with his rival.
- About ben Adhem's Vision (with Poem).—1. "The angel wrote the name of those who love the Lord." 2. "And lo, Ben Adhem's name led all the rest."
- Advent of a Soul.—1. A beautiful moonlight scene. 2. A group of cherubs and angels bringing to earth the spirit of a newborn child.
- American Soldier's Dream.—1. A Soldier asleep by the camp-fire. 2. Vision of his home and family.
- Angel of Peace.—1. A city by night—the crescent moon shining down upon it. 2. An angel appears in the sky, bearing a child to the land of everlasting peace.
- Aspiring to Heaven.—1. A female figure lightly clad floats heavenward. 2. Her downward gaze proves that earth is not forgotten.
- Attack of the Monsters (comic).—1. The morning walk stopped by the wicked flea. 2. The sleep of the weary made miserable by the boarding-house bed-bug.
- Bachelor's Reverie.—1. An old bachelor taking his after-dinner nap in his lonely chamber. 2. Vision of his youthful loved-one.
- Bath in the Fields.—1. Roguish boy washing his face in a brook. 2. Mischievous girl dipping a cat in the pond.
- Believer's Vision.—1. A fair young girl asleep, with the open Bible by her side. 2. A vision of angels appear to her.
- Beethoven's Dream.—1. The great musician has been soothed to slumber by his own harmony. 2. The genius of Music hovers over him.
- Birth of Venus.—1. Morning on the surging sea. 2. The foaming waves break and the figure of Venus appears, surrounded by cherubs.
- Blackberries and Black Bruders (very comic).—1. A bunch of ripe blackberries. 2. Each berry replaced by a smiling ebony countenance.
- Burning of Sardanapalus—Destruction of Pompeii.—1. The Assyrian Monarch who fell in Nineveh about 800 B. C., rather than fall into the hands of his enemies, immolates himself and household on a funeral pile. 2. The inhabitants of Pompeii fleeing from the overwhelming torrent of fire and lava cast upon the city by Vesuvius, A.D. 78.
- Cain and Abel Sacrificing.—1. The offering on Abel's altar accepted. 2. The offering on Cain's altar rejected.
- Castle of Chillon, Lake Geneva.—1. A beautiful Summer view of this historic building. 2. Changes to a Winter view, the Lake frozen over, etc.
(Snow effect slider, \$1.50 extra, producing an excellent representation of Falling Snow, can be advantageously used in combination with this Set, or with any other of the Dissolving Sets in which there may be a Winter scene.)
- Castle of Drachenfels, on the Rhine.—1. "The castled crag of Drachenfels" in verdure clad. 2. Winter view of the ruined tower—road-side inn illuminated.
- Castle of Ehrenfels, on the Rhine.—1. A smiling Summer View. 2. Winter asserts its sway.
- Chariot Race in the Roman Colosseum.—1. Departure of the chariots. 2. Triumph of the successful charioteer.
- Chinese Question Settled (comic).—1. Ah Wing at his laundry door, blandly smiling on his rival Bridget. 2. Bridget puts another expression on his face.
- Christmas Eve in Camp and at Home.—1. The soldier by the camp-fire, thinking of home. 2. His wife, by the bedside of their child, praying for his safe return.
For \$2.00 extra a Mechanical Slide can be added, showing flames and smoke ascending from the camp fire.
- Christus Consolator, Christus Remunerator; from the celebrated pictures by Ary Scheffer.—1. Christ comforting those that mourn. 2. Christ rewarding the faithful.
- Colosseum's Martyrs.—1. The Roman Colosseum, with a thrilling scene of the Christian Martyrs thrown to the wild beasts. 2. A night view, showing a group of angels hovering over the prostrate forms of the dead martyrs.
- Conway Castle, England—Built 1284.—1. Summer view of the old castle and the new suspension bridge. 2. Changes to view of the same on a frosty Winter night, a full moon illuminating the scene.
- Death-Bed Scenes.—1. The death bed of one who loved himself. 2. The death-bed of one who loved his fellow men.
- Dream of Immortality.—1. Upon a couch is reclining one whose earthly pilgrimage is fast drawing to a close. 2. Vision of angels, extending a welcome to the land of eternal rest.
- Ecce Homo, Mater Dolorosa, a beautiful pair of companion pictures. 1. The celebrated "Christ crowned with Thorns," by Guido. 2. The equally renowned "Madonna," by the same artist.
- Emancipation Proclamation.—1. Before the Proclamation is represented by a slave

- with a sad, mournful countenance. 2. After the Proclamation shows the same face with a broad grin, displaying a fine set of ivories; very amusing.
- English Homestead and Farmyard.**—1. One of the Happy Homes of Merry England. 2. The Farmyard with its usual accompaniments.
- English Landscape.**—1. A quiet rural scene, Village Church in the distance, rain-storm. 2. Storm clears away, and a rainbow appears.
- Evening Prayer and Morning Greeting.** 1. A little child reciting the bedtime prayer. 2. The mother's happy morning kiss.
- Fairy Tale and Holy Psalm.**—1. A beautiful child, absorbed in a Fairy Tale. 2. Two children of older growth reading the Psalms of the Sweet Singer of Israel.
- Faust and Marguerite.**—1. Faust in his laboratory tempted by Mephistopheles. 2. Vision of Marguerite appears.
- Fire in New York.**—1. Distant view of a burning building, Steam Fire Engine drawn by horses at full gallop. 2. Near view of the conflagration, engines playing on the fire.
- First Christmas Morning.**—1. Shepherds on the plain of Bethlehem. 2. Vision of the heavenly host.
- Flight into Egypt.**—1. A Boat on the Nile, with Mary, Joseph, and the child Jesus. 2. Angels appear guiding the boat.
- Fligat of Aurora.**—1. Clouds with the rosy tints of early morn. 2. Aurora with her attendant train, scattering flowers before the Chariot of the Sun—a beautiful copy of Guido's great masterpiece.
- Fondly Gazing—Empty Cradle.**—1. A young mother, admiring her infant calmly sleeping in the cradle.
"Fondly gazing on that young face
With anxious thoughts of future years;
The mother watched each budding grace,
And mused on all her hopes and fears!"
2. Death has removed the darling, and the mother mourns by the empty cradle.
"Gone; from a world of pain and woe!
Gone! from death—from sin's alloy,
Gone! from temptation's wiles a d, Oh!
Gone! Gone! from grief to endless joy!"
The set of "Angel of Peace" forms an admirable sequel to this set.
- Fops, Past and Present.**—1. The Pre-Historic Fop "according to Darwin" represented by a Monkey. 2. Evolution of a modern Fop "according to the 15th amendment."
- Fountain of Love; Cupid Captive.**—1. A Maiden of Ancient Greece, drinking from a fountain over which an image of Cupid presides. 2. The scene changes, and she has made a capture of the little God of Love.
- French Wedding Procession.**—French Baptism party. Two scenes of fashionable French Life in the last century, showing the costumes of the "old Regime."
- Going against the Stream, and with the stream.**—1. Lovers in a boat have quarrelled and find it difficult to progress against the stream. 2. Reconciled, their boat floats calmly on the swelling tide.
- Going to the Club and returning from the Club (comic).**—1. A Fine Old English Gentleman leaving home in good condition, at 5.10 P.M. 2. Returning at 4.15 A.M., rather overcome by the club dinner.
- Golden Age, and the Modern Age.**—1. In the Golden Age, the Lion and the Lamb repose peacefully side by side. 2. In the Modern Age of Monopoly, the Lamb has disappeared, having been devoured by the Lion.
- Good Morning.**—1. A window with the shutters tightly closed. 2. These open and the cheering face of the mistress of the house is seen, wishing all a "Good Morning."
- Grand Canal, Venice.**—1. Day View, showing Palaces, Gondolas, etc. 2. Same by Moonlight.
- Handwriting on the Wall.**—1. King Belshazzar in his festal hall. 2. The fatal words, "Mene, Mene, Tekel Upharsin," are made visible on the wall.
- Haunted Abbey.**—1. Midnight view of an old abbey with sculptured tomb. 2. A ghost appears above the tomb.
- Highlander's Departure and Return.**—1. Scotch Highlander bidding farewell to his wife. 2. Returned from the war, and gladly welcomed home.
- Highlander's Dream.**—1. Asleep by the fitful light of the Bivouac fire, he dreams of home. 2. Vision of his dream.
- High Life versus Low Life.** From paintings by Landseer. 1. The dainty greyhound in an abode of luxury. 2. The sturdy bull dog in the market-place.
- Hovering Angels.**—1. Childhood's peaceful slumber. 2. Coup of cherubs appear hovering over the innocent sleeper.
"How happy could I be with either,"
e.c. (Figures in old English costume) 1. Woodland scene—the gallant seated between two ladies. 2. One lady going out of his sight he makes love to the other.
- Isola Belle—Italy.**—1. A beautiful view of this earthly paradise by day. 2. Changes to the same view by moonlight.
- Israelites Crossing the Red Sea.**—1. The children of Israel passing safely through the sea. 2. Pharaoh and his host drowned.
- Jerusalem; in her Grandeur and in her Fall.**—From the celebrated paintings by the French artist, *Selous*. 1. The Holy City as seen in the time of Christ, with temple crowning Mt. Moriah. 2. As seen at the present day with the Mosque of Omar on the site of Solomon's Temple.
- Jig and Melody.**—1. An Irish fifer playing "St. Patrick's Day in the Morning." 2. Followed by the "Angel's Whisper."
- Joy and Sorrow.**—1. A little German girl joyfully playing with a Punchinello puppet. 2. Accidents will happen, and her face is sorrowful.
- Lite near the North Pole.**—1. Arctic scene Esquimaux huts, dog-sled, reindeer, etc. 2. Combat with polar bear.
(For \$2.00 extra a mechanical slide can be added, producing the effect of the Aurora Borealis.)
- Light in the Window (Very attractive).** 1. The snow clad window of a cottage. 2. A beautiful girl appears at the window.
- Little Coquette and Little Gourmand.**—1. A little girl before a mirror powdering her face. 2. Then investigating a jar of preserves.
- Little Foxes' Retreat.**—1. A trunk of furs having at the foot a dark hole constituting the retreat of the Little Foxes. 2. Out

- which appear the cunning heads of three young foxes.
- Look not upon the Wine.**—1. A beautiful woman with cup of wine in her extended hand. 2. As we gaze upon her, she becomes transformed into a ghastly skeleton, and serpent appears in the cup, illustrating the words of Solomon. *Prov. xxiii, 31.*
- Magic Bouquet.**—(For *Very beautiful and attractive.*) 1. A vase containing a bouquet of buds. 2. The buds gradually expand until all are in full bloom.
- Martyred Christian.**—1. The lifeless figure of a Woman, the victim of heathen persecution, floating upon the water. 2. Her spirit borne to heaven by angels.
- Melrose Abbey, Scotland.**—1. A charming view of Fair Melrose by day. 2. Then by the pale moonlight.
- For \$1.50 extra a mechanical slide can be added, showing the moon slowly rising.
- Mercy's Dream.**—1. Mercy represented by a female figure reclining beneath a tree. 2. An angel appears placing a crown of glory on her head.
- Mosque of Omar, Jerusalem.**—1. The Mosque by day, showing the area of the ancient Temple of Solomon. 2. Moonlight view, the Mosque illuminated.
- Mother's Grave.**—1. Children decorating the grave with flowers. 2. Spirit of the mother hovers over them.
- My First Sermon, and my Second Sermon.**—1. A little girl's first appearance at church, all attention. 2. The novelty has departed and she is sound asleep.
- Napoleon, Powerful and Powerless.**—1. *Powerful*, at the head of his grand army. 2. *Powerless*, a prisoner on the distant Isle of St. Helena.
- Noah Building the Ark and Sacrificing.**—1. Noah receives advice from above for the construction of the ark. 2. The ark has landed on Mt. Arrarat and Noah offers his sacrifice.
- Onconvaniance of Single Life and Convaniance of Matrimony (Comic).**—1. Hibernian bachelor clumsily attempting to mend his clothes. 2. Bridget does it so "nately and convaniently."
- Orphan's Dream.**—1. The slumbering orphan. 2. The spirit of the mother looking down.
- Outward Bound and Homeward Bound.**—(Comic.)—1. The emigrant leaving the old country as steerage passenger. 2. Returning home as cabin passenger.
- Pet of the Fancies and Pct of the Ladies.**—(Comic Dog Pictures.)—1. The prize fighter (bull dog). 2. The dude (King Charles spaniel).
- Protecting Scout.**—1. The trapper and his family surprised by Indians. 2. The scout appears and protects them.
- Rescue from Fire (an incident in the Life of John Wesley).**—1. House on fire at night. 2. A sleeping child rescued from the flames.
- St. Peter's and the Castle of St. Angelo, Rome.**—1. Day view of these noted buildings, with the River Tiber. 2. Night view, illumination of the Dome of St. Peter's.
- For \$2.00 extra a mechanical slide can be added, showing display of fireworks from the Castle of St. Angelo.
- Salisbury Cathedral, England, erected A. D. 1220.**—1. Day view of this handsome specimen of Gothic architecture. 2. Moonlight view of same.
- Saul and the Witch of Endor.**—1. Saul in the house of the Witch of Endor. 2. Apparition of Samuel.
- Schoolboy's First Cigar (very funny).**—1. At the first puff he feels like a man. 2. After a brief interval he does not feel quite so manly.
- Settlement in the Backwoods.**—1. The rude beginning; a log cabin in the clearing. 2. The development; comfortable farm-house, railroad, happy family, &c.
- Shadow of Washington.**—1. Washington's Tomb, Mt. Vernon. 2. Spirit of Washington, in Continental uniform, appears within the tomb, then fades away.
- Shipwrecked Mariner's Hope.**—1. Cast upon the rocks are seen the two survivors of a shipwreck; the first glimmer of dawn reveals a ship in the distance. 2. Morning breaks and the ship now approaches them.
- Simply to Thy Cross I Cling.**—1. A dark and stormy sea; waves dashing against a stone cross; a wreck in the distance. 2. The wreck fades away and the figure of a woman appears clinging to the cross (very effective).
- Star of Bethlehem.**—Shepherds are seen seated upon the ground, and in the distance a bright shining light appears, from which comes forth the figure of the Son of Man.
- Storm in the Rocky Mountains.**—1. A midnight storm in the wilds; the moon obscured. 2. Lightning rends the rocks.
- Study—Prayer.**—1. A child mastering a hard lesson. 2. Another child in the attitude of devotion.
- Summit of Happiness and Depth of Despair (Comic).**—1. Sambo serenades Dinah on a high key. 2. Appearance of her father, and Sambo's sudden fall to the lowest base.
- Temperance and Intemperance.**—Forceful illustrations of the benefits of temperance contrasted with the degradation caused by drink.
- Temptation and Perdition.**—1. *Temptation*, a young man's first drink. 2. *Perdition*, the demon of drink has destroyed him in mind, body and estate.
- War and Peace; by Gustave Doré.**—1. Peace re-resented by a charming view of a prosperous village. 2. War, showing the same village in ruins; the pale moon illuminating the scene.
- War and Peace; by Sir Edwin Landseer.**—1. Peace, a quiet pastoral scene. 2. War, the night after the battle.
- Washington's Dream.**—1. Overcome by the duties of his camp life, Washington is seen asleep in his tent. 2. The vision of Columbia, with Justice and Plenty on either side, appears in clouds above him.
- Westminster Abbey, London.**—1. The noble pile by day. 2. Then by the crystal moonlight.
- White and Red Roses.**—1. A White Rose, typifying purity. 2. A Red Rose, with Cupid, emblematic of Love.
- Windsor Castle, the Residence of England's Sovereign.**—1. A summer view of this abode of royalty, with the flag of Old England

floating from the tower. 2. Moonlight Winter view; the Castle illuminated.
 Wood-Nymph.—1. A moonlight view

of a still lake in the deep recesses of the primeval forest. 2. The Wood-Nymph floats upon a couch of lilies, typifying the purity of this ideal Goddess of Nature.

In Sets of two Slides, one of which has Movement.

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 Haunted Chamber, Berlin.—1. Throne-room of the Royal Palace. 2. A spectral figure with uplifted arm glides across the floor, halting in front of the throne. \$1.75
 John Gilpin's Famous Ride.—1. The tavern at Islington; his wife at the window. 2. Gilpin gallops past, his wig in the air, &c. \$5 00
 Mount Hecla, Iceland.—1. A Moonlight View of the Volcano. 2. Fire and Smoke rising from the Crater. \$5 00
 Naiad Queen.—1. A Lake, the moon glistening on the water, a castle in the distance. 2. The Naiad Queen appears sailing in a pearl-shell boat, playing on a harp (music can be used very effectively with this view. \$3.50

Ocean Steamer.—1. View of a Harbor. 2. Steamer putting out to Sea. \$3.50
 Race Course.—1. The Grand Stand. 2. Horses rushing along the course. \$5 00
 Rialto at Venice, built 1588.—1. Day View of the Ancient Bridge. 2. By Night, Gondolas moving in the Grand Canal. . \$4 50
 Serenade.—1. Moonlit Lake, on the borders of which is seen a brilliantly illuminated castle. 2. The Serenader appears sailing in a Gondola and playing a Guitar. A lady appears on the balcony of the castle (music can be used with effect).... \$4 00
 Skeleton Dance.—1. The Ruins of Alloway Kirk, the moonlight casting its weird light on the tombstones in the foreground. 2. A skeleton appears dancing. \$5.50
 Stocks Down.—1. Men in the Stocks. 2. A Succession of different faces. \$5 00
 Train of Cars.—1. A Railroad Bridge by moonlight. 2. A train of cars dashes by, the headlight and sparks from the engine making a very brilliant effect. \$3.50
 Water Mill in the Alps.—1. In Summer, the wheel revolving. 2. In Winter, the wheel stopped by the ice. \$4.50

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 Magician's Cave.—1. Interior of a gloomy cave, magician standing by a smoking caldron, waving a magic wand. 2. As he waves the wand, witches, hobgoblins, etc., arise from the caldron and vanish in the air. \$6 00

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Bay of Naples and Vesuvius.—1. By Day. 2. By Moonlight. 3. Eruptions of Vesuvius. For \$2.00 extra a Mechanical Movement Slide can be added to the above Set, which will give the effect of showing fire and smoke arising from the crater.
 Courtship of Second Wife.—1. The Widower popping the question. 2. Ghost of the first wife appears. 3. And creates the utmost consternation.
 Fort Sumter. 1. Day View of the Fort before the War. 2. Moonlight View of the Bombardment. 3. The Fort on fire. For \$2.00 extra a Mechanical Movement Slide can be added to the above Set, which will give the effect of showing fire and smoke arising from the burning fort.
 Ghost Adventure.—1. A Moonlight Reverie. 2. A Ghostly Problem. 3. The Problem Solved.

Joan of Arc.—1. She makes a vow to devote her life to God and her country. 2. Scatters the enemies of France from before the gates of Orleans. 3. After rendering the most signal service to her Prince and People is suffered to die a Martyr in their cause.
 Life's Day.—1. Morning. 2. Noon. 3. Night.
 Love and Marriage.—1. The Lovers' First Meeting. 2. Five Minutes after, Declaration of Love. 3. Five Years afterward, the Happy Home.
 Niagara Falls.—1. Day View in Summer. 2. Winter View. 3. The Falls by Moonlight.
 Steamboat Race on the Mississippi.—1. Wooding up. 2. The Start, the rival Steamer. 3. Too much Steam, Explosion.

The following are in Sets of three Slides, Special Subjects, Photographed from Nature, \$5.50 per Set.

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| <p>Antiquary's Dream.—1. An Antiquary falls asleep by day within the walls of a ruined abbey. 2. He dreams of olden time, and sees the abbey restored to its original beauty, with a procession of monks passing along the aisle. 3. He wakes, after a long slumber, to find him-</p> | <p>self the sole tenant of the now moonlit ruins.....\$6.00</p> <p>Venice, Panorama.—1. The City by Day. 2. By Moonlight. 3. Illumination of the Palace, Moonlight ripples on the water..\$6 00</p> |
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| <p>Cinderella.—1. Her Sisters Preparing for the Ball. 2. Fairy appears to Cinderella in the kitchen. 3. Cinderella enters the ball-room. 4. The glass slipper fits her foot, envy of her sisters.</p> <p>Four Elements, Earth, Air, Fire, Water.—Four views showing the deities which, according to the Grecian Mythology, governed each element.</p> <p>Four Seasons, Spring, Summer, Autumn, Winter.—Represented by four views of children engaged in sports or pleasures appropriate to each season.</p> <p>How Jones Became a Mason.—1. Jones starting for the Lodge. 2. The Oath of Secrecy. 3. Riding the Goat. 4. Jones has become a Mason.</p> <p>Magic Pictures in Artist's Studio.—1. The interior of an artist's studio. An easel holding a picture frame, in which appears successively portraits of: 2. Washington. 3. Lincoln. 4. Grant.</p> | <p>No Cross, no Crown.—1. A female figure reclining. 2. The vision of the cross appears in the distance. 3. The figure of Christ, nailed to the cross, is made visible. 4. Lastly, an angel hovers over her, in whose extended hand is the crown, the reward of her faith. <i>Very impressive.</i></p> <p>Rock of Ages.—1. The Rock, washed by the angry waves of the sea. 2. On the top of which grows a cross. 3. A female figure is seen clinging to the cross (emblematical of her faith). 4. Born to the throne on high. <i>One of the best closing pieces.</i></p> <p>Spiritual Manifestations (Comic).—1. Vaterfamilias makes the Parlor table dance. 2. The chairs follow him around the room. 3. And into the street, where a policeman arrests him. 4. And locks him up as a disturber of the public peace.</p> <p>Way of Salvation.—1. The repentant sinner searching the Scriptures. 2. Knocking at the gate, convinced of error. 3. Led by Jesus through the dark valley. 4. Welcomed to the shores of the Beautiful River.</p> |
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In Sets of four Slides, one of which has Movement.

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35 Black Draught.
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37 Punch and Bowl.
38 Parson Carving Pig.
39 Tailor Working.
42 Jim Crow Dancing.
44 Scotchman Taking Snuff.
45 British Tar.
46 Pair of Spectacles.
47 Naval Engagement.
48 A Vegetarian.
49 A Somnambulist.
50 Topsy (Moving Eyes).
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52 Opening Rose and Cupid.
53 Performance on Two Chairs.
54 Woman Smoking.
55 Clown Falling in Pieces.
56 Gobbler at Work.</p> | <p>57 Girl Skipping.
59 Tailor and Goose.
60 Vesuvius in Eruption.
61 Harlequin Falling in Pieces.
63 A Pigeon Pie.
64 Clown and Beer Cask.
65 Sailor Dancing.
66 A Woodman.
68 Man with Growing Nose
69 Harlequin in Bottle.
70 Hush! (Child's Face).
71 Serenader.
72 Blacksmith at Work.
73 Resurrectionist.
74 Sambo Lecturing.
75 Cat, and Fish in Globe.
76 Treading in Father's Shoes.
77 Lamp Black.
78 Gooseberry Fool and Clown.
79 Opening Rose.
80 Joey Grim.
81 Mexican Ratcatcher—Man Sleeping with his mouth open, and rats running down his throat.
82 Bottled Porter.
83 Juggled Hare.
84 Adieu, in Wreath of Flowers.
84a Good-night, in Wreath of Flowers.
85 Boy Catching Butterfly.
86 Butterfly, Grub and Chrysalis.
88 Pair of Snuffers.
89 Tax Collector.
91 Bleeding Nun.
92 Punch—Good-night.
93 Boy Riding Pig—is thrown off.
95 Irishman Driving Pig.
97 Tightrope Dancer.
98 Acrobat Balancing Ball.
99 Woman with Cat's Head.
100 Lion and Horse.
101 Lion—Moving Eyes and Jaw.
102 Peacock.
104 Good-night—Herald.
105 Good-night—Pickwick.</p> | <p>106 Ghost—Donkey in Churchyard.
107 Woman Beating Man.
108 Rappée.
109 Boy Robbing Till.
110 Sailor Dancing on Horse.
112 Policeman and Cook.
113 Bluebeard.
116 A Life-like Portrait (Donkey's Head).
117 Lover at Tower.
119 Christmas Fare.
123 A Pear (Fair).
124 Fisherman Tossed by Bull.
125 Clown (Moving Eyes).
126 Boy Jumping Posts.
127 Clown Tumbling.
129 Monkey Dipping Cat.
131 Tailor and Cabbage.
132 Countryman and Dog Changing Heads.
133 A Turnstile and Crinoline.
136 Magic Rose Plant.
141 Tacking Off Boots.
143 Pine and Face.
144 Irishman Dancing.
145 Dead Soldier and Horse.
146 Rowing.
147 Woman with Growing Nose.
150 Magician and Ghost.
151 Clown Headless.
152 Miser and Burglar.
154 Boy Bird's-nesting.
156 Jack in the Box.
157 Conjuror Tossing Balls.
159 Clown on Kicking Donkey.
160 Greenwich Pensioner.
161 Combat with Smuggler.
165 Sailor's Pigtail.
166 Farmer Carrying Pig.
167 Picnic and Serpent.
168 Beggar.
169 Lovers in Boat.
170 Passion Flower.
171 Cauliflower and Woman's Head.
172 London Porter.
173 Clown and Policeman.
174 Patent Trousers.</p> |
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- 175 Light of other days (a watchman).
 176 Turk's Cap Flower.
 180 Cook, Pudding and Woman's Head.
 182 Tiger's Head (Moving Eyes).
 183 Cottage with Bridge and Boats.
 184 Woman with Growing Nose and Chin.
 185 Discovering the (Omnibus) Pole.
 186 Birth of Cupid.
 187 Pegtop Trousers.
 188 Artist and Brigand.
 189 Drinking Fountain.
 192 Time.
 195 Clown and Flying Bottle.
 196 Pepper.
 197 A Chameleon.
 199 Sailor Smoking.
 200 Ginger Pop.
 201 A Guy.
 205 Clown and Cannon.
 206 Cook and Chimney Sweep.
 207 Clown and Sausages.
 208 Parrot Pulling off Man's wig
 210 Jew Pedler.
 211 Lamplighter.
 214 Choice Spirits.
 215 Lecture on Tobacco.
 216 Chimney-pot and Sweep.
 221 Man Dancing with Flags.
 222 The Young Companions.
 223 Diver and Shark.
 224 Two heads are better than one.
 225 Storm and Calm.
 227 Nightmare.
 228 Tulips.
 229 Female Tight-rope Dancer.
 230 Harlequin in Box.
 231 Spoon Bonnet.
 233 Hold out your hand.
 234 Hamper and Goose.
 237 Chinese Punishment.
 238 Pig and Farmer's Nose.
 239 Merry Andrew.
 240 The Young Artist.
 241 Tumbler on Ladders.
 242 Man on Stilts.
 244 Postboy caught on Tree.
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 248 Organ-man and Monkey.
 251 Punch and Policeman.
 252 Sawyers.
 253 Fisherman and Cat.
 254 Man Putting out Tongue.
 255 Female Circus Rider.
 257 Peepaler and Policeman.
 258 Tiger and Crocodile.
 259 Man and Lions.
 260 Blue Devils.
 262 Boy and Sugar Cask.
 265 Bluebeard and Fatima.
 266 A Ballet Girl.
 268 Skating.
 270 Double-Breasted.
 273 The Botanist.
 274 Catsmeat-man.
 275 French Puppy.
 277 Guy Fawkes.
 278 Coastguard.
 279 Bathing Machine.
 280 Britannia.
 281 Looking-glass and Nose.
 282 Woman Shaving Man.
 283 Boy with Magic Lantern.
 284 Boy Spinning Top.
 285 Coal Black Rose.
 286 Clown Hanging.
 287 Cats on Tiles.
 288 Frog Pie.
 289 Rose and Fairy.
 290 Lodging House Bedstead.
 291 Lion Jumping through Hoop.
 292 Lighthouse in Storm.
 293 A Witch.
 294 Serpent Charmer.
 295 British Port.
 296 Balloon Ascent.
 297 Domestic Shower Bath.
 298 Capers.
 299 Clown Jumping Horse.
 300 Trespasser and Bull.
 301 Napoleon's Grave.
 302 Performing Elephant.
 303 Smuggler's Cave.
 304 Cricketer Stumped out.
 305 Big Drummer.
 306 Old Tom.
 307 Cutting Corns.
 308 Pegtop and Pegtops.
 309 Chip of the Old Block.
 310 Turtle Soup.
 311 A Flying Beard.
 312 Statue and Servant.
 313 Fairy Chariot.
 314 Figured Frontispiece.
 315 Cook and Flying Goose.
 316 French cook cooked.
 317 Summer and Winter.
 318 Excursionists and Diver.
 319 Cat and candle.
 320 Plum Pudding, and Changing Heads.
 321 Rustic and crow.
 322 Soldiers Drilling (Heads Shot Off).
 323 Hot Codlings.
 324 Crossing Sweeper.
 325 Fairy Star.
 326 Photographic Portrait.
 327 Performing Acrobats.
 328 Spanish Dancer.
 329 Brother Smut.
 330 Professor of Magic.
 331 Costermonger and Donkey.
 332 Peace Makers.
 333 Shoeing Horses.
 334 St. George and the Dragon.
 335 Man and Donkey's Tails.
 336 Elephant Tossing Keeper.
 337 Poll and My Partner Joe.
 338 Father and Child.
 339 Beware of the Gorilla.
 340 Robbing the Eagle's Nest.
 341 Lady on Kicking Donkey.
 342 Rabbits O!
 343 Butcher and Kicking Pig.
 344 Cutting it Short.
 345 Clown Grinning through Horse Collar.
 346 Death on the Pale Horse.
 347 Dutchman Moving Eyes and Jaw.
 348 Stocks.
 349 My own Blue Bell (e).
 350 Punch (Welcome).
 351 Ditto (Silence).
 352 Acrobat Tumbling on Horse.
 353 "Don't you wish you may get it?"
 354 Boy letting off Cannon.
 355 Skeleton Taking off Head.
 356 The Harvest Queen.
 357 A Bottle Imp.
 358 A Real Native.
 359 Take a Light.
 360 "Obadiah!"
 361 Swans Swimming.
 362 Joey's Sea Trip.
 363 Boy's Playing at Leap-frog.
 364 The Last New Fashion (Chignons).
 365 Hair Brushing by Machinery.
 366 Sailor Fishing, and Sea Monster.
 367 Moving Water and Swan.
 368 Monkey and Pudding.
 369 Full Speed (Gent on Horseback).
 370 Flying Trapeze Performance.
 371 Hearts of Oak.
 372 Clown and Boxes.
 373 Moving Face (Derlision).
 374 Man throwing Stick in water and Dog Swimming.
 375 A Stout Denial.
 376 Eastern Travelling.
 377 A Family Umbrella.
 378 Highland Fling.
 379 Oyster Bolting.
 380 "Who's that Knocking at the door?"
 381 Aggravation (Monkey holding Mouse to Cat in Stocks).
 382 Meeting a Settler.
 383 Cockney Sportsman.
 384 Peace (Piece) and Plenty.
 385 Spider and the Fly.
 386 Stock in Hand.
 387 Division of Labor (two Shoeblocks).
 388 A Fall in China.
 389 The Artist Alarmed.
 390 Skeleton Falling to Pieces.
 391 Masquerading.
 392 Good-morning.
 393 Monkey Smoking.
 394 Pulling Bon-bons (Explosion).
 395 Pure Milk from the—
 396 Result of Carelessness.
 397 A Faithful Spouse.
 398 "When shall we three meet again?"
 399 Nearing Shore (Dog with Child in Water).
 400 Taking it Cool.
 401 Real Scotch.
 402 Wombell's Menagerie.
 403 A Pair of Ducks.
 404 An Unexpected Visit.
 405 A Base Attempt.
 406 Napoleon Crossing the Alps.
 407 Pantomime Stars.
 408 The Midnight Surprise.
 409 Mangling Things.
 410 Snow-balling.
 411 Paul Pry.
 412 Dog Pulling Monkey's Tail.
 413 Pianoforte Playing (extraordinary).
 414 Dancing Lesson.
 415 Ghost Stories.
 416 Much above that sort of thing.
 417 Gipsy Nuisance.
 418 German Musician.
 419 Boy and Beehive.
 420 Clown and Fishmonger.
 421 A China Mug.
 422 First Cattle Prize.
 423 Caudle Lecture.
 424 Hottentot Hotel.
 425 Gone to Tea.

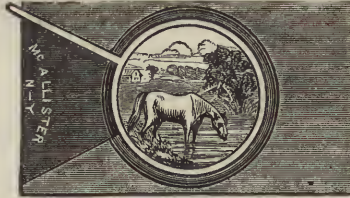
- 426 Will-o'-the-Wisp.
 427 Officious Policeman.
 428 Dancing Shaker.
 429 Chinaman and Ball.
 430 Acrobat Performing with Knives.
 431 Magic Bouquets.
 432 Girl Tossing Ball.
 433 Clown and Phantom Policemen.
 434 Clown and Plum-pudding.
 435 Magic Umbrella.
 436 Punch's Railway Carriage.
 437 The Magic Portrait.
 438 French Baker.
 439 Scottish Chief.
 440 Clown Nursing Baby.
 441 Pantaloon and Cracker.
 442 Theatrical Dancing Performance.
 443 Water Lilies.
 444 Canary and Cannon.
 445 A very High Wind.
 446 Fighting Cocks.
 447 Topsy Dancing.
 448 Getting him up to the Standard.
 449 Dancing Sprite.
 450 Dancing Dragon.
 451 Launoe's Lecture.
 452 Longing for a Drink.
 453 Scotch Piper.
 454 Silencel (Schoolmaster with Cane).
 455 Hi! Hi! Bus!!
 456 A Real Native.
 457 A Ghost.
 458 Boy and Demon's Head.
 459 A Weighty Performance.
 460 Magician and Demon.
 461 Professional Fencer.
 462 King Koffee.
 463 The Birdnester Caught.
 464 The Pipe of Peace.
 465 The Surprised Birdcatcher.
 466 A Granny-dear.
 467 Gala Balloon.
 468 Move on I Move on I
 469 A Telescopic View.
 470 Have you seen the "Shah?"
 471 Looking In and Looking Out.
 472 Act I. Scene! Tableaux!
 473 Dr. Bolus.
 474 Horse Exercise.
 475 Valentine and Orson.
 476 Beware of the Cat.
 477 Girl Skipping and Policeman.
 478 Election Time.
 479 Children and Bath.
 480 Lake by Day and Night.
 481 Raw Recruit and Polish³d Soldier.
 482 Monkey Teasing Cat.
 483 A Good Hard Scrub.
 484 Exalted Artist.
 485 Boy and Squib blown up.
 486 Explosive Beer Barrel.
 487 A Repulsive Reflection.
 488 Cupid (Moving Eyes).
 489 Serenader and Water-but^t.
 490 French Clown Dancing.
 491 The Perplexed Huntsman.
 492 Caught in the Act.
 493 Just Hatched.
 494 Magic Hair Restorer.
 495 Wolf (Moving Eyes).
 496 The Magic Cap.
 497 Rat caught in Trap.
 498 The Morning Bath.
 499 Feeding Baby.
 500 Walking Extraordinary.
 501 Fiddler and Crocodile.
 502 Cold *versus* Heat.
 503 A Grand Bawl.
 504 A Stout Lad wanted.
 505 Sentinel in Snowstorm.
 506 A Bear Adventure.
 507 A Brigand.
 508 Boy chasing Birds.
 509 Bull Dog and Rats.
 510 Feeding the Elephant.
 511 Tumbler and Children.
 512 Elephant's Cas^o. Box.
 513 Hindoo Worship.
 514 Grandmother's Chair
 515 Profuse Angling.
 516 Indian Corn.
 517 Dancing Savoyard.
 518 Swan and Dog.
 519 Skating Rink Adventure.
 520 A wind instrument.
 521 A Hogs-head.
 522 Tumbler and Ball.
 523 White-washer.
 524 Shutting-up.
 525 Sand-witch?
 526 Train and Tunnel
 527 A Rude Boy.
 528 Dancing Imp.
 529 Donkey Cart Mishap.
 530 Giant and Imp.
 531 Amateur William Tell.
 532 Old and New Year.
 533 Not Afraid but Humane.
 534 Shell Out.
 535 Unkind Donkey.
 536 Boy, Bull and Bull Dog.
 537 Boy and Washing Tub.
 538 Baked Dinner; Anxious Moments.
 539 Both Sides of Umbrella.
 540 Eccentric Dancer.
 541 Monkey and Man Shaving.
 542 An Old Crab.
 543 Spelling Bee.
 544 A Smoking Carriage.
 545 Clown's Cannonade.
 546 Babes in the Wood.
 547 Negro Meeting House and Parrot.
 548 Sea Serpent ahead
 549 Flute Player.
 550 Irish Girl Dancing.
 551 Bat, by Day and Night.
 552 Performing Dogs.
 553 A China Dish.
 554 Going and Returning to Bird's Ball.
 555 Red Riding Hood and Wolf.
 556 Old Mother Goose.
 557 Punch's Showman.
 558 Winter Sports.
 559 All Hot!
 560 Spring Showers and May Flowers.
 561 The Lively Flea.
 562 Last Train for London.
 563 Before and After Marriage.
 564 Rival Channel Swimmers.
 565 Caution to Young Smokers.
 566 Spec-taters.
 567 Aquarium Visitors.
 568 The waits.
 569 The wrestlers.
 570 Excited Orator.
 571 Performing Bear.
 572 Fiddler.
 573 Before and After the Battle.
 574 The Four Donkeys.
 575 Jack Ashore.
 576 Best Shag.
 577 A cheap warm.
 578 Irish Stew.
 579 An Electric Shock.
 580 Boy and water plug.
 581 Polite Old Gent.
 582 I'm so chilly.
 583 Indian Servant.
 584 Cat and Bird Drinking.
 585 Ship, sails furled and full sail.
 586 Negro Minstrels.
 587 There's Many a Slip, &c.
 588 Feeding the Ducks.
 589 The Maid was in the Garden, &c.,
 590 Disputed Rights.
 591 Out of Work.
 592 On the Look-out.
 593 First of April.
 594 A Heavy Load.
 595 Indian and Ball.
 596 Performing Monkey.
 597 Blind Man's Buff.
 598 A Summer Delicacy.
 599 Music hath charms.
 600 Mind Your Eye.
 601 After the Canter.
 602 Before and After the attack.
 603 Three Chairs (cheers).
 604 Who said Rats?
 605 Wet Paint.
 606 Between two Stools.
 607 Heavy Fall of Sn w.
 608 Carving the Turkey.
 609 Cheap Mourning.
 610 A Foul Chimney.
 611 In Memoriam.
 612 Oh! Snakes!
 613 On Duty.
 614 Tumbler and Barrel.
 615 A Christening.
 616 Nigger Melody.
 617 Mr. Pongo.
 618 A Dancing Wonder.
 619 Puss in Boots.
 620 Jack and Jill.
 621 Bill Sticker.
 622 A Heavy Weight.
 623 The Two Obadiahs.
 624 A Street Arab.
 625 A Good Bite.
 626 Clown's Transformation.
 627 Horsemanship.
 628 Boy with Squirt.
 629 See saw.
 630 Dog Cart and Children.
 631 A Swing.
 632 Whale Fishery.
 633 Local Steamer.
 634 Diogenes and Tub.
 635 A View on Both Sides.
 636 Hitting the Bull's Eye.
 637 Disputed possession.
 638 Mop Combat.
 639 A Couple of Dancers.
 640 Gallantly Show.
 641 A Pair of Seals.
 642 Dog and Kettle.
 643 Blowing Bubbles.
 644 The Biter Bit.
 645 Athletics.
 646 Our Sunflower.
 647 Roundabout.
 648 Fitted to a T.
 649 Caught at Last.
 650 Spirit and Water.
 651 After Dark.
 652 Hamlet's Soliloquy.
 653 Ride a Cock Horse.
 654 Kissing.

HUMOROUS TRANSFORMATIONS,

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- 701—She never told her love. (Drink behind the door.)
 702—Backing out of going to market. (Pigs jumping out of the cart.)
 703—Lunar Caustic. (The crescent moon enclosing an angry face.)
 704—Oh my prophetic soul—My Uncle. (Pawnbroker.)
 705—A Bill Sticker. (Ostrich sticking his bill in a boy.)
 706—For China Direct. (Bull attacking a china store.)
 707—Spring and Fall. (Boy falls in jumping a fence.)
 708—Two Garden Rollers. (An iron roller, and a pig rolling on the flowers.)
 709—All's well that ends well. (Mermaid.)
 710—A go-as-you-please race. (Men pursued by a bull.)
 711—Oh listen unto my tale of woe. (Dog with cant to tail)
 712—Q Bridge. Bridge at the village of Kew.)
 713—Your money or your life! What you say? (Highwayman, and a deaf man.)
 714—How happy could I be with either. (Mouse between a cat and a dog.)
 715—A Piece of Fancy Work. (The worsted prize fighter)
 716—An Unnecessary Remedy. (Man with wooden legs needs no "Corn Cure.")
 717—A Real Friend, and a Friend in Need. (A needy fellow picking a Quaker's pocket.)
 718—Clearing the Letter Box. (A boy jumping over it.)
 719—A Spoilt Child. (Old nurse sitting down on the baby.)
 720—Good-bye to the Old [Y]ear (Boy hollowing good-bye to his deaf grandfather.)
 721—The Complete Angler. (Fisherman pulled under water.)
 722—A Stitch in Time. (Old Father Time mending his garments.)
 723—I Come to Bury Cæsar. (Burial of the old dog, Cæsar.)
 724—Elbow Grease. (Woman slapping child.)
 725—Mend your Habits. (Tailor repairing a coat.)
 726—A Skipper. (Girl skipping rope.)
 727—Two Hares. (Hair pie, and hair on landlady's head.)
 728—A Donkey Stir Race. (Boys attempt to ride a donkey.)
 729—Stolen Sweets. (Boy appropriating the sugar.)
 730—You must move on. (Assault and battery.)
 731—Green Monster. (A dragon.)
 732—Will o' the Wisp. (Fantastic dancing figure.)
 733.—Mr. Chairman. (Legerdmain chair feat.)
 734—Hold up your head. (Arab tosses his head in the air.)
 735.—The Fair Equestrienne. (Circus rider.)
 736—The fair Danseuse.
 737—Old Uncle Ned. (Negro dancing.)
 738—Three Friends. (Two donkeys in the pound; when shall we meet again?)
 739—At the Top. (Boy at play.)
 740—We Part. (Good night.)
 741—A Hard Drive. (Driving a pig to market.)
 742—The End of the Line. (Clown hanging.)
 743—A Silent Moment. (Schoolmaster orders silence.)
 744—Battledore and Shuttlecock. (Girl at play.)
 745—Child Chasing Butterfly. (Catches it with a net.)
 746—A Pinch of Scotch Snuff. (Highlander taking snuff.)
 747—The Stubborn Donkey. (Man heating him.)
 748—Pet of the Family. (Child kissing his father.)
 749—Irish Scenery. (Paddy and the pig.)
 750—A Boyish Adventure. (Attempts to ride a pig, and falls off.)
 751—Human Skeleton. (Orderly and disorderly.)
 752—Human Rat Trap. (Moral: Don't sleep with your mouth open.)
 753—Public Characters. (Organ-grinder and monkey.)
 754—A Cat-astrophe. (Cat and mouse.)
 755—Extraction of Roots. (Tooth-pulling.)
 756—A Balled Head. (Cricketer catches the ball in his face)
 757—The Net Result. (Lady catches a man with a net.)
 758—A Bowl of Punch. (Mr. Punch in a bowl.)
 759—What's in a Name? (Old Tom Gin, and Old Tom Cat)
 760—Oriental Music. (Arab beating a drum.)
 761—Long Drawn Out. (Man with extension tongue.)
 762—Punch and Judy Show. (Punch strikes policeman)
 763—Old Bachelor Shaving. (His pet cat looking on.)
 764—Elephantine sport. (Baby elephant dancing.)
 765—Picous Frogs. (Frogs jumping out of a pie.)
 766—Circus Crackers. (Clown with fire-crackers.)
 767—Circus Chairs. (Acrobat on chairs.)
 768—Circus Feat. (Acrobat tossing globe with his feet.)
 769—Darwinian Hydropath. (Monkey administering Hydropathy to a cat.)
 770—Ball Performance. (Acrobat tossing balls.)
 771—Sword Combat. (Duel between sailor and pirate.)
 772—Sailor's Hornpipe. (Jack Tar dancing.)
 773—The Village Blacksmith. (Making a horse-shoe.)
 774—Where Are You Going? (Boy chasing a butterfly, falls in a pond.)
 775—I Can a Tale Unfold. (Peacock spreads his tail.)
 776—Christmas is Coming. (Butcher and goose.)
 777—Circus Dog. (Jumps through ring.)
 778—Cow with the Crumpled Horn. (That tossed the dog that worried the cat.)
 779.—Punch and his Dog Toby. (Dog sits on end of Punch's nose.)
 780—Stern Chase. (Sailor attacked by an alligator.)
 781—Juvenile Artillerists. (Fourth of July morning.)
 782—Circus Ballet. (Lady on tight rope.)
 783—Something for a Rainy Day. (An umbrella protecting the whole family.)
 784—Old Woman and her Pet Monkey. (Monkey pulls her cap off.)
 785—Wizard. (A goblin appears at his command.)
 786—John Chinaman. (Keeps the ball a-rolling.)
 787—The Horse Marine. (Jack Tar taking a ride.)
 788—The Uneasy Rider. (Lady on a kicking mule.)
 789.—A Tale of a Monkey. (Dog pulls off a monkey's tail.)
 790—Grand Trunk Line. (Elephant lifts his attendant with his trunk.)
 791—Photographic Arrangements. (Photographer arranging his sitter.)
 792—The Separation. (Man and donkey—donkey goes over a precipice.)
 793—Heads Off! (Soldiers obey)
 794—A Penny, Your Honor? (London street-sweeper.)
 795—Plum Sauce. (Look out for the cook.)
 796—Pussy's Tormentor. (Monkey has the mouse.)
 797—Boy Teasing a Dog. (The dog's turn now.)
 798—A Petty Fear. (A pair of lovers)
 799—Child Standing on Two Stools. (Falls to the ground.)
 800—The End of the Tale. (Dogs hunting a rabbit, catch its tail.)



LEVER SLIDES.

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| <ul style="list-style-type: none"> 1 Lady Riding. 2 Stag. 3 Woodman. 4 Moving Chin. 5 Cobbler at Work. 6 Bill-sticker. 7 Man's Face. 8 Horse drinking. 9 Sambo Lecturing. 10 Stone-breaker. 11 Large Ship by Night. 12 Small Ship and Lighthouse. 13 Boy on Donkey. 14 Swan Drinking. 15 Stag Drinking. 16 Cow Drinking. 17 Beggar. 18 See-saw. 19 Boy Stealing Apples. 20 Gout. 21 Digger. 22 Monk Praying. 23 Boy Cleaning Boots. 24 Reaper. 25 Fractious Child. 26 Monkey Dipping Cat. 27 Lady Playing Pianoforte. 28 Gent in Pegtops taking off Hat. | <ul style="list-style-type: none"> 29 Horse Eating. 30 Children in Boat. 31 Grooming Horse. 32 Donkey riding Extraordinary. 33 Sam Weller Cleaning Boots. 34 Woman Beating Boy. 35 Lady Praying. 36 Ship in Gale. 37 Girl Feeding Goat. 38 Fiddler. 39 Volunteer. 40 Monkey and Fish. 41 Doctor and Patient. 42 Dying Camel. 43 Bathing. 44 Dog of St. Bernard. 45 Native Nursing. 46 Pleasure Boat in Rough Weather. 47 Steam Boat Pleasure Trip. 48 Goat Feeding. 49 Natives. 50 Look Before You Leap. 51 Robinson Crusoe on his Raft. 52 Looking out for Papa. 53 Signals of Distress. 54 Farmer and Pig. 55 Lioness and Cub. 56 Monkey Beating Cat. | <ul style="list-style-type: none"> 57 Boy Shooting Cat. 58 Scrubbing Boy in Bath. 59 Rocking the Baby. 60 Eagle and Lamb. 61 Monkey Roasting Cat. 62 Rustic Serenader. 63 Dead Soldier and Horse. 64 Monkey and Birdcage. 65 Enraged Cook. 66 Cavalier Carousing. 67 Shoeing Horse. 68 Negro Vanity. 69 Brother Neddy. 70 A Mendicant. 71 Feeding the Calf. 72 The Wayside Nap. 73 Negro and Crocodile. 74 Fording the River. 75 Feeding the Donkey. 76 Alligator on the Scent. 77 Crossing the Desert. 78 Bear Climbing Pole. 79 "It Wasn't Me, Mr. Policeman!" 80 "Who Shot the Gardener?" 81 Elephant and Keeper. 82 Caught, and No Mistake. 83 Drawing teeth extraordinary. 84 A Broken-down Fisherman |
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| <ul style="list-style-type: none"> Holyrod Chapel. Dover Castle. Barnard Castle. Virginia Water. Conway Castle. Lambeth Palace. Sidon. Smuggler's Cave. | <ul style="list-style-type: none"> Newstead Abbey. Pyramids of Egypt. Warwick Castle. Thames Tunnel. Menagerie. Israelites Crossing the Red Sea. Noah Entering the Ark. Arctic Whaling. | <ul style="list-style-type: none"> Arctic Regions. Train of Cars. Alpine Travelers. Downton Castle. Bell Rock Lighthouse. Street in Jerusalem. Sphinx—Egypt. Niagara Falls. |
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|---|--|--|
| <p>Achilles.
Achilles and Briseus.
Acis and Galatea.
Adonis.
Adonis Dying.
Africa (Albert Memorial).
After the Bath.
Amalthea.
Amazon Combat.
Amazon going to Battle.
America (Albert Memorial).
Angel and Child.
Angel's Love.
Antonia.
Antoninus.
Apollo, Belvidere.
Apollo, Citharède.
Apollo, Pythian.
Apollo, Sauroctan. <i>Praxiteles</i>.
Apollo and Daphne.
Ariadne and the Tiger.
Ariadne Sleeping.
Ariadne. <i>Clesinger</i>.
Armida.
Asia (Albert Memorial).
Athlete.
Atlas.
Augustus, Emperor.
Baby.
Bacchante.
Bacchante Drinking.
Bacchante and Tiger.
Bacchus.
Bacchus, Infant.
Bacchus and Ampelo.
Bacchus and Silenus.
Balbus.
Bashful Child.
Bather.
Bathers Surprised.
Bernadotte, King of Sweden.
Birth of Cupid.
Blind Boy and Dumb Girl.
Blind Man's Buff.
Boy after the Bath.
Boy and Dead Dog.
Boy and Sea Shell.
Boy and Top.
Bruce, King of Scotland.
Burd Family Monument, Phila.
Cain.
Caius Caligula.
Camille.
Cassandra and Pallas.
Centaur and Nereid.
Centaur ruled by Love.
Charles IV., of Austria.
Chastity.
Chicago Incendiary (Cow).
Child and Bee.
Child and Bird.
Child and Dove.
Child and Goose.
Child at Play.
Child at Prayer.</p> | <p>Childish Curiosity.
Choctas.
Christ.
Christ and the Apostles.
Christ and His Disciples.
Christ and Mary.
Christ Blessing Children.
Christ in Gethsemane.
Christmas Morning.
Cincinnatus.
Claudius.
Cleopatra.
Clio.
Clytie.
Compulsory Prayer.
Countess de Bellay.
Courtship.
Crispina.
Croquet Player.
Cupid.
Cupid Reclining.
Cupid with the Bow.
Cupid and Psyche.
Dancer.
David. <i>Michael Angelo</i>.
David hurling the Stone.
Demosthenes.
Diana the Huntress.
Diana and the Stag.
Diana at the Bath.
Diana Beholding Endymion.
Discobolus.
Durer, Albert ; Nuremberg.
Edward, the Black Prince.
Egeria.
Emancipation.
Emily and the White Dove.
Epaminondas.
Esculapius.
Europe (Albert Memorial).
Eva St. Clair.
Eve.
Eve. <i>Carrier</i>.
Eva at the Fountain.
Exile.
Fairy Story.
Faith.
Faith at the Cross.
Family Pets.
Farnese Bull.
Faun, Villa Borghese, Rome.
Faun, Dancing.
Faun, Drunken.
Faun and Infant Bacchus.
Faun and Nymph.
Faust and Marguerite
Fireman Rescuing Child.
First Grief.
First Impressions of Cold Water
Fisher Boy.
Fisherman's Daughter.
Flight Into Egypt.
Flora.
Flower Girl.
Flying Time.</p> | <p>Forced Prayer.
Fox, English Statesman.
Foxhounds.
Galatea.
Genius of Death. <i>Canova</i>.
Genius of the Vatican.
Germanicus.
Giotto.
Girl Embroidering.
Girl Knitting.
Girl Reading.
Girl Spinning.
Girl Writing.
Girl with Doll.
Girl with Parasol.
Girl with Parrot.
Girl with Pet Fawn.
Girl with Pet Rabbit.
Gladiator, Dying.
Gladiator, Fighting.
Gladiator, Wounded.
Good Morning.
Good Night.
Greek Slave.
Gretchen.
Grief.
Guardian Angel.
Gutenberg Monument, Mayence
Hagar and Ishmael.
Hebe and Ganymede.
Henry IV. Monument, Paris.
Hercules.
Hercules, Farnese.
Hercules and Omphale.
Hercules and Silvanus.
Hercules as a Woman.
Holy Family.
Horse Attacked by Anaconda.
Impudence.
In a Fix.
Inconsolable Widow.
Industry.
Infantile Amusement.
Innocent.
Innocent Sleep.
Irish Peasantry.
Italian Peasants.
Jacob Wrestling with Angel.
James I., King of England.
Jason.
Joan of Arc.
Joseph II. of Austria.
Joyous Child.
Juno.
Kiss of Love.
Kittens at Play.
Koutzoff Monument, St. Petersburg.
Krickhoff Monument, St. Petersburg.
Lady Godiva.
Lacoon.
Leopold I.
Little Beggar Boy.
Little Flower Girl.</p> |
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Little Grape Gatherer.
 Lot's Wife.
 Louis XIV.
 Louis XVII.
 Love Among the Roses.
 Love Blindfolded.
 Love Bound.
 Love Letter.
 Love's Messenger.
 Love's Mirror.
 Love's Net.
 Lucius Verus.
 Magdalen.
 Maidenhood.
 Marguerite in Prison.
 Masquerader.
 Mausolus.
 Meditation.
 Meleager.
 Memling Monument, Bruges.*
 Memorial Statue, Cawnpore.
 Mercury, Belvidere.
 Mercury, Flying.
 Messalina.
 Michael Angelo.
 Milo of Crotona.
 Minerva.
 Minerva Medica.
 Mithras, *Chaldean Sun-God*.
 Monforio.
 Morning.
 Morning of Life.
 Morning of the Resurrection.
 Moses, *Michael Angelo*.
 Moses Found by Pharaoh's
 Daughter.
 Moses in his Youth.
 Mother and Child.
 Motherless Children.
 Murat.
 Muse of History.
 Muse of Painting.
 Music.
 Naiad.
 Napoleon I., in Youth.
 Napoleon I., Dying.
 Narcissus.
 Neapolitan Fisher Boy.
 Neapolitan Gipsy Dance.
 Nereid.
 Nero.
 News Boys of Paris.
 Night.
 Niohe.
 Nora Creina.
 Nydia, the Blind Girl.
 Olympia.
 Omphale.
 Ophelia.
 Orpheus Descending to Hell.
 Orpheus with the Lyre.
 Pandora.
 Parting of the Lovers.
 Paul and Virginia.
 Paul I., of Russia.
 Peace--Sleeping Child.
 Peace--Arc de l'Etoile.
 Peel, Sir Robert.
 Persens. *Canova*.
 Persens and Andromeda.
 Pharaoh's Daughter.
 Phebus.
 Phorbas the Shepherd.
 Pitt, English Statesman.
 Poetry.
 Polymnia, Muse of Harmony.
 Polymnius.
 Polyxena.
 Pope Pius IX.
 Prayer.
 Prince of Wales.

Princess of Wales.
 Prisoner of Love.
 Prodigal Son.
 Psyche. *Canova*.
 Psyche. *Pradier*.
 Fuglist. *Canova*.
 Fuzzled Gamekeeper.
 Quarrelsome Blacksmith.
 Queen Mary.
 Queen Victoria.
 Queen of Sheha visits Solomon.
 Rebecca.
 Red Riding Hood.
 Rejected Lover.
 Religious Liberty.
 Remorse.
 Return from the Vintage.
 River Nile.
 River Tihir.
 Roma.
 Roman Emperor.
 Roman Minstrel.
 Roman Orator.
 Romans Carrying off the Sabine
 Women.
 Romeo and Juliet.
 Romulus and Remus.
 Rose of Sharon.
 Rubens.
 Ruth.
 Saint Agnes.
 Saint Martin and the Beggar.
 St. Sebastian.
 Salvatoriello.
 Sappho.
 Shakspeare.
 Shepherd.
 Silvio and Aminta.
 Simply to Thy Cross.
 Slave. *Michael Angelo*.
 Sleeping Boy.
 Soldiers' Orphans.
 Somnolence.
 Spartacus.
 Storm.
 Sunshine.
 Susannah at the Bath. [*burg*].
 Suvaroff Monument, St. Peters-
 Tam O'Shanter.
 Tasso.
 Tasso in Youth.
 Temptation of St. Anthony.
 Theseus.
 Three Graces, Antique.
 Three Graces. *Canova*.
 Three Graces. *Pilon*.
 Three Graces. *Pradier*.
 Three Graces. *Thorwaldsen*.
 Tiberius.
 Tired Out.
 Toilet of Atalanta.
 Toilet of Venus.
 Tomh, Frederick III. and Queen.
 Tomh, Marshal Saxe.
 Tomh, Julian de Medicis.
 Tomb, Lorenzo de Medicis.
 Tomh, Campo Santo, Pisa.
 Tomh of the Stuarts, St. Peters.
Canova.
 Torso Belvidere.
 Three Marys.
 Tragedy.
 Trajan.
 Treasure Trove.
 Triton Carrying off Nereid.
 Ulysses and His Dog.
 Una and the Lion.
 Uncle Tohy and Widow Wad-
 man.
 Vanity.
 Veiled Model.

Venus, Accroupie.
 Venus, Anadyomene.
 Venus, Callipyge.
 Venus de Medicis.
 Venus de Milo.
 Venus Genitrix.
 Venus Leaving the Bath.
 Venus Marine.
 Venus Pudica.
 Venus of Victory.
 Venus of Arles.
 Venus of Florence. *Canova*.
 Venus of Vienna.
 Venus of Villa Borghese. *Canova*.
 Venus at the Bath.
 Venus. *Praxiteles*.
 Victim of the Deluge.
 Victim of Samothrace.
 Virgin and Child.
 Virgin Crowned, at Lourdes.
 Virtue Crushing Vice.
 Vision of the Red Cross Knight.
 Widow at the Tomh.
 Wrestlers.
 Young Chimney Sweeper.
 Young Fawn.
 Young Girl of Megara.
 Young Satyr.
 Young Shepherd.

THORWALDSEN
 STATUARY.

The following are all by the celebrated Danish Sculptor, Thorwaldsen, and are fine specimens of his pure and simple style.

Morning. }
 Night. }
 Spring. }
 Summer. }
 Autumn. }
 Winter. }
 Wisdom. }
 Strength. }
 Justice. }
 Health. }
 Earth. }
 Air. }
 Fire. }
 Water. }
 Matthew. }
 Mark. }
 Luke. }
 John. }
 Christ.
 The Apostles.
 Holy Family.
 Christ Blessing Children.
 St. John Preaching.
 Shepherd.
 Shepherdess.
 Harvest.
 Boys Gathering Fruit.
 Cupid with the Dog.
 Cupid with the Net.
 Cupid and Bacchus.
 Cupid and Psyche.
 Hebe.
 Ganymede.
 Venus.
 Three Graces.
 Lord Byron.
 Copernicus and Schiller.
 Monument Pope Pius VII.

Choice Statuary—75 cents each.

ROGERS' GROUPS;

By the celebrated American Sculptor, John Rogers, whose productions have attained the highest popularity in all parts of the Union.

Many of them refer to the stirring incidents of the Civil War, and can be made very available and attractive illustrations in Lectures on that subject; while others are admirable realizations of the familiar scenes of American Home Life, The Drama, etc.

- Balcony.
- Bushwhacker.
- Challenging the Union Vote.
- Charity Patient.
- Checker Players.
- Checkers at the Farm.
- Coming to the Parson.
- Council of War.
- Country Postoffice.
- Courtship in Sleepy Hollow.
- Fairy's Whisper.
- Favored Scholar.
- Fetching the Doctor.
- Foundling.
- Fugitive's Story.
- Going for the Cows.
- Home Guard.
- It is so Nominated in the Bond.
- Mail Day.
- Mock Trial.
- One More Shot.
- Othello.
- Parting Promise.
- Peddler at the Fair.
- Photographer.
- Picket Guard.
- Playing Doctor.
- Polo.
- Private Theatricals.
- Referee.
- Returned Volunteer.
- Rip Van Winkle at Home.
- Rip Van Winkle on the Mountain.
- Rip Van Winkle Returned.
- School Days.
- School Examinations.
- Sharpshooters.
- Shaughraun and Tatters.
- Taking the Oath.
- Tap at the Window.
- Town Pump.
- Traveling Magician.
- Uncle Ned's School.
- Union Refugees.
- Village School-Master.
- Washington.
- Weighing the Baby.
- Wounded Scout.

BUSTS.

- Antinous.
- Bashfulness.
- Charlotte Corday.
- Clytie.
- Coquetry.
- Dante.
- Desdemona.
- Dryden.
- Elaine.
- Francis of Austria.
- Giovaninna.
- Girl with Lizard.
- Happy Memories.
- Hope.
- Hop Queen.
- Italian Girl.
- Lincoln.
- Livingstone, African Traveller.
- Madonna.
- Maiden's Prayer.
- Milanesa Lady.
- Modesty.
- Morning.
- Mother and Child.
- Nanella.
- Nelson.
- Odalisque.
- Orphan.
- Pharaoh's Daughter.
- Pompeian Belle.
- Prayer.
- Prince of Wales.
- Queen of the Sea.
- Rameses.
- Religion.
- Roma.
- Sailor Boy.
- Scott Siddons.
- Seward.
- Shakspeare.
- Sunshine.
- Sunshine and Shower.
- Sweetness.
- Thetis.
- Thotmes III.
- Whisper of Love.
- Winter.
- Young Augustus (Roman Emperor).

BAS RELIEFS.

- Agony in the Garden.
- Angel Reapers.
- Ariel.
- Choristers. *Lucca della Robbia.*
- Consolation.
- Pastoral Reed.
- Puck.
- Simplicity.
- Water Babies.
- Morning.
- Night.
- Spring.
- Summer.
- Autumn.
- Winter.
- Sunrise.
- Repose.
- Blossom.
- Tired Cleaner.
- Mother's Joy.

Heads of Children.

- Genius of War.
- Victory Crowning Napoleon.
- Resistance to Invasion.
- Return of Peace.

Arc de l'Étoile, Paris.

TINTERS.

These are plates of colored glass, 3¼ by 4 inches, and are very useful in connection with Statuary. We have them of various colors, Blue and Crimson being the most preferred.

First Quality, 25 Cents Each.
Second Quality, 10 Cents Each.

In a Dissolving View apparatus, or Stereopticon, the "Tinter" is first placed in one lantern, projecting a delicately colored field on the screen; the Statuary Slide is then placed in the other Lantern, and by the dissolving arrangement, is gradually developed, showing a pure white statue upon a richly colored background, and then slowly dissolved out, thus producing a very beautiful and novel effect.

In a single Magic Lantern, a Tinter can also be advantageously used to give a tone of color to a landscape, etc.; thus a Blue Tinter passed slowly before the front lens will give a landscape the appearance of being seen as by moonlight; an orange Tinter will produce sunrise effect, etc.

ICE, SNOW, WATER AND CLOUD EFFECTS.

Each on glass plate 3¼ by 4 inches, with protecting cover glass.

50 Cents Each.

A variety of very beautiful photographs of above, taken from nature, which are very attractive, and produce handsome effects in dissolving, either in combination with Views of Scenery, or as a background for Statuary. The various hues of Sunshine, Moonlight, etc., can be imparted to the Views by holding a Tinter of proper color in front of the tube of the instrument.

Tinted Clouds - 75 Cents Each.

MOTTOES.

\$1.00 Each.

Upon colored glass, three inches in diameter, with protecting cover glass; each motto is mounted separately in a neat wooden frame, seven inches long by four inches wide.

- Good Night.
- Silence.
- Welcome.
- A Merry Christmas.
- A Happy New Year.
- Adieu.
- Buenas Noches.
- Adios.

In addition to our large assortment of Statuary, we would call attention to the annexed selection of "BUSTS" and "BAS RELIEFS," which embraces many very desirable examples of Ancient and Modern Sculpture, and which often prove to be more appreciated by an Audience than full-length pieces of Statuary.

CRAYON TRANSPARENCIES.

50 cents each; \$45.00 per hundred.

These are *uncolored* Photographs on Glass, reproductions of Fine Engravings, Original Crayon Drawings, etc., adapted for exhibition, with Oxy-Hydrogen, or any other form of Illumination. The assortment embraces a large variety of subjects besides those named below, and is being increased from time to time by novelties to meet the current demand. Great care having been exercised in the selection of originals, and in the Photographic preparation, they present when magnified on the Screen the appearance of finely finished Crayon Drawings. These "*Crayon Transparencies*" are each on square glass plate, 3 1/2 inch wide, with a covering glass to protect from injury, and are most conveniently used in the Combination Carriers, Nos. 711 and 712, see pages 44 and 45.

Comic.

Æsthetic Monkey.
 Angel Voices sweetly calling.
 Attack on Watermelon—No. 1.
 " " " " No. 2.
 Babies on our Block.
 Bare Chance.
 Between Two Fires.
 Boss of the Road.
 Bride, and One Year after.
 Bull-dozing.
 Capital Joke.
 Come into the Garden, Maud.
 Come where my Love lies dreaming.
 Coming thro' the Rye.
 Coolness between Friends.
 Darktown Fire Brigade—To the Rescue.
 Darktown Fire Brigade—Saved.
 Darling, I am growing old.
 Deacon Jones' Experience—No. 1.
 Deacon Jones' Revenge—No. 2.
 De Breed am small—No. 1.
 No small Breed dis yer—No. 2.
 Division of Labor.
 Don't you forget it.
 Dot Little German Band.
 Every Dog has his day.
 Excuse haste and a bad Pen.
 Fatherless.
 Finding of Moses, *by Titan.*
 " " " *by Mark*
Twain.
 Five Degrees of Intemperance.
 Game Dog.
 Girl I left behind me.
 Going! going! gone!
 Golly, no wonder Missis don't get up 'fore 10 o'clock.
 Good Morning, Babies.
 Good Night, Babies.
 Good Story.
 Go 'way down dar—No. 1.
 I knew dere was mischief—No. 2.
 Grab the Ball, Johnny, I'll wait.
 Great Expectations.
 In Happy Moments—No. 1.
 Star of the Evening—No. 2.
 Inspiration.
 I want to be an Angel.
 I wonder if it's loaded—No. 1.
 It was loaded—No. 2.
 I would not ask to press that Cheek.
 Joy! He sees Her—No. 1.
 Hoy! She sees Him—No. 2.
 Laying back stiff for a Brush—No. 1.
 Hung up with the Starch out—No. 2.

Listen to the Mocking-bird.
 Lovely Calm, No. 1.
 Black Squall, No. 2.
 Man as he expects to be.
 Mary had a little Lamb.
 Mary Jane on Skates, No. 1.
 " " " " No. 2.
 " " " " No. 3.
 Masher, No. 1.
 Masher Crushed, No. 2.
 Maternal Solitude.
 Me and Jack—No. 1.
 Jack and Me—No. 2.
 Moving Day.
 Mr. (G)ras Hopper.
 Mr. Murphy is rising with the world.
 Mule Train on an Up-grade—No. 1.
 Mule Train on a Down-grade—No. 2.
 No one to love.
 Parson's Colt trots if it is Sunday.
 Picturesque Africa.
 Pleasure before Business.
 Pleasure Party
 Bustin' a Picnic
 Profit and Loss.
 Put my little Shoes away.
 Rehearsal.
 Richard is himself again.
 She is not fair to outward View.
 She stoops to conquer.
 She wandered down the Mountain Side.
 Shimplly, hic, waiting for a Fren'.
 Something has got to come—No. 1.
 Something did come—No. 2
 Stolen Pleasures are sweet—No. 1.
 No Pleasure without Pain—No. 2.
 Summit of Happiness—No. 1.
 Depth of Despair—No. 2.
 Sure of a Bite.
 Take back the Heart thou gavest.
 That Husband of mine.
 They all do it.
 Thou art so near and yet so far.
 Three Graces.
 Three Scape-graces.
 Three Systems of Medicine.
 Too late for the Train.
 Triumph of Women's Rights.
 Trouble in the Church—No. 1.
 " " " " No. 2.
 'Twas a calm, still Night.
 'Twere vain to tell thee all I feel.
 Two Heads are better than one.

Two Souls with but a single Thought.
 Utah's best Crop—(Our Pet Babies).
 Venus rising from the Sea.
 Victor and Vanquished.
 Victory Doubtful.
 Walked Home on his Ear.
 War, Boarding-house—No. 1.
 Peace, " " " " No. 2.
 War Dance.
 War of Races
 We met by Chance.
 We've had a healthy Timc.
 What are the wild Waves saying—No. 1.
 Scoot, Brother, scoot—No. 2.
 What does little Birdie say.
 What is Home without a Mother-in-law?
 Where is my leedle Dog gone?
 Who says I stole dem Chickens?
 Who threw that Snowball?
 Why did you sup on Pork?

Irish Characters.

"Aisey, Acushla, while I hoist my ould coat forinist the baste. Faix, he'd drop his sthandin' if he thought it was on a single fare yer ladyship would be takin' him."
 "Do not hesitate, Pat, but drink; its Jameson's seven years' old." "Siven! ye honor! Begor thin she's mighty small iv her age!"
 Donnybrook Fair in the Rael Ould Times.
 Gettin' ready to Go a-Countin'.
 Goin' to "the Beds"—No. 1.
 Coming from "the Beds" [the Spill.]—No. 2.
 Haulin' off the Bride—No. 1.
 Haulin' Home the Bride—No. 2.
 "I say, Paddy, what are those figures up there?" "Oh I sirs, thim's the Twelve Apostles!" "Oh! nonsense I why there are only three!" "Sure, yer honor would't want thim all out at once. That's the Post Office, and the rest is inside sortin' the letters!"
 "Kissing the Blarney Stone"—No. 1.
 Goin' to Kiss the Rael Blarney Stone—No. 2.

VIEWS OF WORLD-RENOUNDED PLACES OF INTEREST.

“What is the need of further journeying?
Here is the world in small—
From Asia to America,
The distance of a Hall!”

These are *uncolored* views upon glass, photographed directly from nature; are very transparent and carefully prepared to yield brilliant effects, and reproduce the original scenes upon the canvas, thus placing them before the eye in all their truth and beauty.

It is impossible to give a *complete* list of all of this style of views in stock, as new subjects are continually being added to the assortment, so that almost every noted building or scene of interest in the Old World or America can be furnished. The following list, therefore, is intended rather as an indication of the variety of the stock, than as a specification of the particular views on hand.

These views of “*world-renowned places of interest*” are each on square glass plate, 3¼ inches wide, with a covering glass to protect from injury.



T. H. McAllister's Combination Carrier,

(Price 50 cents), is the best means of holding all square views while in the apparatus.

The illustration shown above is the arrangement for a *Single Magic Lantern*.—(See No. 711.)

For a *Dissolving View apparatus or Stereopticon*, a *Pair of Carriers* are required, of different construction. Price \$1.50 per pair.—(See No. 712.)

Places of Interest—America. 50 cents each; \$45.00 per hundred.

Alabama.

Dauphin Street, Mobile.
Mobile Academy.

Arizona.

Colorado River in the Cañon.
Grand Cañon, Colorado River.
Colorado Cañon.
Three Lakes, Cañon Kanab.
Grand Gulch, Sylvan Shower
Bath.
Pipe Springs.

California.

Summit of the Sierras.
Railway Ferry Landing, Oakland
Truckee Station.

Sacramento City.

State Capitol.
Panorama from Dome of Capitol

San Francisco.

The City, from Russian Hill.
The Harbor.
The Seal Rocks.
Chinese Joss House, exterior.
“ “ interior.
Street in the Chinese Quarter.
United States Mint.
Starr King's Grave.
Mrs. Hopkins' Residence.
Baldwin Hotel and Market St.

Palace Hotel.
Montgomery Street.
City Hall.
Merchants' Exchange.
Golden Gate.

Yosemite Valley, etc.

General View of the Valley
from Inspiration Point.
Looking up the Valley.
Looking down the Valley.
Yosemite Falls, 2,600 ft. high.
Upper Yosemite Falls.
Lower Yosemite Falls.
Vernal Falls, 350 ft. high.
Nevada Falls, 700 ft. high.
Bridal Veil Falls, 940 ft. high.
Eagle Falls.
Lincoln Falls.
Ribbon Falls.
South Cañon Falls.
Teneyar Falls.
North Dome, 3,725 ft. high.
South Dome, 6,000 ft. high.
South Dome and Valley.
Half Dome.
Washington Columns and
Royal Arches.
Sentinel Rock, over 3,000 ft high.
Cathedral Rocks, 3,000 ft. high.
Cap of Liberty.
El Capitan, 3,300 ft. high.
Three Brothers, 4,000 ft. high.
Glacier Rock.
Eagle Peak.
Union Peak.

Register Rock.
The Old Chief.
Bear Skin Mountain.
Cloud's Rest.
Inspiration Point.
Mirror Lake.
On the Merced River.

Mariposa Grove of Big Trees.

Entrance to the Grove.
The Butt End Section of the Big
Tree, showing the mode of
felling these immense Trees,
viz., by Pump Augers.
House built over Stump of Big
Tree.
Chip of the Old Block.
Washington, 87 ft. circum.
Mother of Forest, 350 ft. high,
63 ft. circum.
Pride of the Forest, 45 ft. circum.
Abraham Lincoln, 281 ft. high,
44 ft. circum.
U. S Grant, 55 ft. circum.
Grizzly Giant.
The Fallen Monarch.

Colorado.

Sangre de Christo Pass.
Greenhorn Mt.
Sternes' Ranch.
Camp Williams.
Coming from a Scent.
The Headquarters.
Ranch near Garland.
Dairy Ranch

Places of Interest—America. 50 cents each; \$45.00 per hundred.

Trout Fishing.
Return from Fishing.
Ft. Garland.
Ft. Garland, interior.
Camp at Fisher's Ranch.
Camp Loma.
Camp Scene.
Officers' Tent.
Dress Parade, Cavalry.
Dress Parade, Infantry.
Rio-Grande-del Norte.
Granite Cliffs, at Loma.
Rifle Cañon.
Wagon Wheel Gap.
Cañon Willow Creek.
On Willow Creek.
Antelope Park.
Clear Creek.
Mary's Cañon.
Lake Mary.
Fall on Clear Creek.
East from Lost Trail.
Camp at Lost Trail.
Cunningham Pass.
Cunningham Falls.
Cunningham Gulch.
Eureka Gulch.
Eureka Falls.
Arasta Gulch.
Little Giant Gulch.
Borra Train.
Little Giant Mill.
Little Giant Mine.
Little Giant.
Cañon of Cascade Creek.
Mountains on Cascade Creek.
Prout's Peak.
Camp at Sundown.
Summit of Lake Fork.
On the Lake Fork.
Capitol Mt.
Lake San Christobel.
Falls of San Christobel.
Valley of Lake Fork.
Upper Cañon of Lake Fork.
Grand Cañon on Lake Fork.
Sand Hills, San Louis Park.
Moscoe Pass.
Camp in Moscoe Pass.
Camp Burnt Out.
Waiting for Lost Mules.
Camp on Ohio Creek.
Elk Mountain.
Mt. Strassburg.
On Slate River.
Lake on Slate River.
Mt. Washington, Slate River.
Lone Mt., Slate River.
South from Lone Mt.
North from Lone Mt.
Looking up Cañon Creek.
Cascade on Cañon Creek.
Mt. Mill, Bear River.
" Spencer, "
" Huxley, "
Cañon of "
Castle Rocks, "
Mt. Campbell, "
Waiting for Game.
Snowy Range.
Taylor Cañon.
In Taylor River.
Cañon of Taylor River.
Pass Creek.
Summit Twin Lake Pass.
Twin Lake Pass.
From Twin Lake Pass.
Natural Bridge.
Twin Lake.

Twin Lake Creek.
Mt. Harvard, Chalk Creek.
Valley of the Arkansas.
Cañon of the Arkansas.
Granite Cliffs.
Mt. Pass.
Arkansas Cañon Exit.
The Party.
Sierra Blanca Mt.
Veta Pass.
Dump Mountain.
Mt. of the Holly Cross.

Manitou, and Vicinity.

Navajoe Soda Springs.
Manitou Spring.
Little Chief Iron Spring.
Manitou House
Gracc Greenwood's Cottage.
Stage Coach.
Ute Pass.
Eden Cañon.
Pic-nic among the Rocks.
Rainbow Falls.
Rainbow Glen.
Engleman's Cañon.
Engleman's Fall.
Boulder Fall.
Gog.
Magog.
Pike's Peak.
Cameron Cone.
Glen Eyrie.
The Punch Bowl.
The Major Domo.
Queen's Cañon.
Fairy Fall.
Cheyenne Cañon.
Cheyenne Falls.
Williams' Cañon.
Temple of Isis.
Cave of the Winds.
The Narrows.
Glen Athol.
Austin's Glen.
Colorado Springs.
A Family Group.
Magog and Cameron Cone.
Trail to Pike's Peak.
Signal Station, Pike's Peak
Summit.
Camp on the Plains.

Garden of the Gods.

The Gate.
Gate Looking East.
Cathedral.
Cave Rocks.
Steeple Rock.
The Toadstools.
Buena Vista Drive.
Balanced Rock.
The Simpleton.
Siamese Twins.
Seal and Bear.
Tower of Babel.

Monument Park.

The Tramp.
Vulcan's Anvil.
Dutch Wedding.
Dutch Parliament.
The Colonade.
The Flying Dutchman.
The Old Maid.
Vulcan's Workshop.

Denver.

Larimer Street.
Exposition Building.
Tabor Block.
Lawrence Street.

Leadville.

Panorama.
California Gulch.
Mt. Massive.
Fryer Hill.
Iron Mine, Brece Hill.
Main Street.

Connecticut.

Hartford.

State Capitol.
" " interior.
Panoramic View from State
Capitol.
The Athenaeum.
Trinity College.
Old State House.

New Haven.

The Common.
Temple Street Arch of Elms.
Old State House.
Savin Rock.
View of the Sound and Savin
Rock.
Residence of Arnold.
Regicides' Cave.

Yale College.

Old Brick Row.
Avenue of Elms.
Farnam and Battell Chapel.
Divinity Hall.
Peabody Hall.
Alumni Hall.
New Laboratory.
Statue of Benj. Silliman.
Hall of Fine Arts and Silliman's
Laboratory
Reading Hall and Treasury.
Scroll and Keys.
North Sheffield Hall.
The Observatory.

Dakota.

Black Hills.

Deadwood City.
Street in Deadwood.
Deadwood Gulch.
Custer City.
Street in Custer City.
Gordon's Stockade.
Government Train.
Miners' Claim.
Camp in Black Hills.
Miners' Camp.
Black Hills or Bust.

Florida.

Fort Pickens, Pensacola.
Navy Yard, "
Isle of Santa Rosa.
Street in Pensacola.
The Sink, Paine's Prairie.
Silver Springs.
Ocklawaha River.

Places of Interest—America. 50 cents each; \$45.00 per hundred.

Boiling Springs.
A Florida Cracker.
Ox Wagon.
Residence of Harriet Beecher Stowe.
Shooting Alligators.
Florida Express.
Crow's Nest.
Plantation Scene.
Cotton Picking.
Flip-Flap Militia.
Log Cabin.
Orange Grove.
Cypress Swamp.
Sugar Cane Mill.
Green Cove Springs.
St. Clair Hotel, Green Cove Springs.
Magnolia House, Magnolia.
U. S. Hotel, Palatka.
Street View, Cedar Keys.
Panorama of Cedar Keys.
Ocala House, Ocala.

Jacksonville.

Panorama.
Live Oaks, Forsythe Street.
Adams Street.
Street Scenc.
East Bay Street.
Piers and Shipping.
May Point Light House.
May Point Landing.
A Cracker's Home.
Group of Palmettoes, Arlington Creek.
An Isle of Palms.
Bayou Scene, St. John's River.
Sanford Park.
Sanford Pier.
Sanford Hotel.
St. James Hotel.
" " Parlor.
" " Dining Hall.
The Windsor.
The Duval.
The Everett.
Carleton House.
St. Marks Hotel.
Tremont House.
Elm Wood.

St. Augustine.

Panorama.
Bay Street and Sea Wall.
Treasury Street.
St. George's Street.
Old Market Street.
Old Market House.
Old City Gates.
Oldest House.
Spanish Cathedral, Exterior.
" " Interior.
Confederate Monument and Old Slave Market.
Slave Market, Interior.
Old Fort Marion.
" " Lookout Tower.
" " Moat.
" " Entrance.
" " Interior.
" " Stairway to Parapet.
" " Quadrangle.
" " Hot Shot Furnace and Moat.
" " Powder Magazine.
" " The Dungeon.
Anastatia Island.

Anastatia Island Light House.
Marine Band—Third Regiment.
Parade Ground—U. S. Barracks.
Military Review.
Street Scene, St. Augustine.
Col. Tyler's Residence.
St. Augustine Hotel.
San Marco Hotel.
Sunnyside House
Sago Palm.
Lover's Lane.
Light House.
The Beach.
A Tropical Paradise.
Villa Zarada.
Old House in Charlotte Street.
A Florida Garden.
Date Palm.
Artesian Well—50 feet high.
Arcvne of Palms.
Monster Live Oak.
Little Minorcan Girl.
Group of Donkeys.
A Study from Still Life—(Fruits of the Soil).
Palmetto Tree, 100 years old.

Georgia.

Fort Hood, Atlanta.
Spot where General McPherson fell, near Atlanta.
Steamboat Landing, Flint River
Central City Park, Macon.
Cobblers' Headquarters, Macon.
Savannah.

Panorama.
Ball Street.
Ball Street Fountain.
Broughton Street.
Pulaski Monumcnt.
Forsythe Park, Ball St. Entrance
Savannah Market.
Bonnevventure Cemetery.
Avenue of Live Oaks.

Illinois.

Rock Island.
" " Bridge.
Chicago.

Panorama.
Clark Street.
Lake "
La Salle Street.
State "
Otis Block.
Times Office.
Tribune Office.
Mich. So. R. R. Depot.
Pacific Hotel.
Water Works.
Lumber Exchange.
Grain Elevator.
Douglass Monument.
Lake Erie.

Iowa.

Panorama of Council Bluffs.
R. R. Depot, "

Louisiana.

National Cemetery, site of Chalmette Battlefield, 1814.

Pine-woods Farm House.
On the Tchfunctcha River.
Port Hudson.

New Orleans.

Panorama.
Levee.
Entrance to Barracks, Chalmette Road.
Tower at Barracks.
Bishop's Palace.
Urserline Convent.
Lee Monument.
Canal Street.
Jackson Square.
St. Louis Cathedral.
Old City Hall, where the officers of the feet came to demand the surrender of the city, 1862.
St. Louis Cemetery.
Mississippi Steamer.
Orange Tree.
French Market.
The Mint.
Rue Royale.
The Old Criminal Court.
Home of Geo. W. Cable.
A Creole Home.
Sugar Cane and Oranges.
A Street Cobbler.
French Quarter.
Old Spanish Houses.
Stonewall Jackson's Monument.
St. Charles Hotel.
Custom House and Post-Office.
Exchange Alley.
Milk Man.
Washington Cemetery.
Metaire Cemetery.
House of Louis Phillipi.
Sieur Georges House.
Old Orleans Theatre.
Rampart Street.
Lafayette Square.
Live Oaks.
Leland University.
Yuca Tree.
Gathering Oranges.
West End, Palmetto Group.
" " Pier.
" " Swamp view.

Baton Rouge.

Panorama.
Street where Farragut's men landed.
National Cemetery.
Magnolia Cemetery.
The State House.

Maine.

Old Orchard Beach.
Lewiston.
Bangor.
Penobscot River.

Mt. Desert.

Great Head.
Schooner Head.
The Ovens.
S. W. Harbor.
Bar Harbor.
Duck Brook.

Maryland.

The Potomac Canal and Dam near Sharpsburg.

Places of Interest—America. 50 cents each; \$45.00 per hundred.

Bluff near Sharpsburg.
National Cemetery, Granite
Statue, "At Rest," Antietam.
The Old Dunker Church.
The Battlefield, Antietam.
Burnside's Bridge across the
Antietam.
Antietam Creek.
Ruins of the Boteler Mansion,
Shepherdstown.
Confederate Monument, Shep-
herdstown.

Baltimore.

Panorama of the City.
Battle Monument.
Washington Monument.
Seaboard Institute.
City College.
Catholic Cathedral.
St. Paul's Church.
Mt. Vernon Church.
Broadway.
Baltimore Street.
Charles "
Mt. Vernon Square.
Eutaw Place.
Monument Square.
Druid Hill Park.
North St. Bridge.

Washington.

Panorama of the City.
U. S. Capitol, Front.
" " Perspective.
" " Dome.
" " Paintings in Dome
" " Marble Room.
" " President's Room.
" " Supreme Court.
President's House, Front View.
" " Rear.
" " East Room.
" " Red "
" " Blue "
" " Green "
Senate Chamber, Exterior.
" Interior.
House of Representatives, Ex.
" In.
Patent Office, Exterior.
" Interior.
Post-Office.
Treasury Building.
U. S. Treasury Cash Room.
New Army and Navy Building.
Smithsonian Institute.
New National Museum.
Agricultural Department.
Pennsylvania Avenue.
Jackson Square.
Grand Opera House.
Freedmen's Bureau & N. Y. Ave.
Corcoran Art Gallery.
Main Magazine.
The Army Med. Museum, old
Ford's Theatre, where Lin-
coln was shot.
Chain Bridge on the Potomac.
View of the Long Bridge.
Soldier's Home.
" Capitol Vista.
National Cemetery.
Arlington, Soldiers' Monument.
The Arbor at Arlington.
Arlington.
Lee's Residence, Arlington.

Monument "to unknown dead."
Statue of Civilization.
" Columbus.
" Jackson.
" Lincoln.
" McPherson.
" Rawlins.
" Scott.
" Washington.
" Thomas.
" Farragut.
" Com. Porter.
Washington Monument.
The John Howard Payne Monu-
ment, Oak Hill Cemetery,
Georgetown.
Falls of the Potomac near
Washington.

Massachusetts.

Old House at Dedham, 200
years old.
Barn, Baker's Estate, Wellesley
Battle Monument, Lexington.
John G. Whittier's House,
Amesbury.
Skipper Ireson's House Marble-
head.

Boston and Vicinity.

Panorama of the City.
City Hall.
Custom House.
Faneuil Hall.
Old State House.
New State House.
The Old South Church—Front.
" " —Rear.
The New " "
Old North Church.
Trinity Church.
Masonic Temple.
Stone Chapel.
Art Museum.
Boston Museum.
Hotel Brunswick.
Hotel Vendome.
Tremont Street.
Washington Street.
Commonwealth Ave.
Milk Street.
Boston Harbor.
Quincy Market.
Athenæum.
Long Wharf, Harbor of Boston.
Scene of the Destruction of
Tea, 1773.
Public Library.
Technological College—old and
new.
Old Corner Book Store.
Public Gardens.
Boston Common.
Frog Pond, Boston Common.
Beacon Ave., "
Washington Monument.
Ether "
Soldiers' "
Summer "
Navy Yard.
Boston Harbor.
Shipping.
Dry Dock.
Italian Garden.
Mt. Auburn Cemetery.
Forest Hills.
Entrance to Culp's Hill Burial
Place.

Cotton Mather's Grave, Culp's
Hill.
Gen. Gage's Headquarters, 1775.
Paul Revere's House.
Old Bridge, Charlestown River.
Charlestown Common.
Street View of Charlestown.
Bunker Hill, Charlestown.
Bunker Hill Monument.

Cambridge.

Longfellow's House.
Washington Elm.

Harvard College.

Gore Hall.
The Old Building.
Soldiers' Monument.
Gymnasium Building.
Tablets in Memorial Hall.
Statue of John Harvard.
Dormitory.
Memorial Hall—exterior.
Seyern Hall.
Holden Chapel and Moss Hall.
Hollis Hall, Thayer Hall and
University Hall.
Moss Hall and Mathews Hall.

Concord.

Battle Monument, Concord Brg.
Minute Men Monument, "
Wright Tavern, British Head-
quarters, House where Revolution-
ary Stores were concealed.
Hawthorne's Old Manse.
Emerson's Residence.
Home of Louisa M. Alcott.

Plymouth, Mass.

Forefathers' Rock.
Sea View from Burial Hill.
Bradford Monument, Burial
Hill.
Court Street, Plymouth.
Pilgrims Hall, the Forefathers'
Church.
Forefathers' Monument.
East Avenue.
Faith Monument.

Minnesota.

Steamer at St. Paul.
Panorama of St. Paul.
Street at St. Paul.
Suspension Bridge at St. Paul.
Falls of Minnehaha, Summer.
" " Winter.
Falls of St. Anthony.
Rapids "
Bridge near St. Anthony's Falls.
Sandstone Cave near St. Paul.
Bridge and Tower, above St. P.
Fort Snelling.
Distant View of Fort Snelling.
Eroded Rock Formation.
On the Shores of Lake Pepin.
Bluff on the Banks of the Miss.
Vermilion Falls.
Trampléau Bluffs, Upper Miss.
View from Trampléau Bluffs.
Steamboat Landing on Lake
Pepin.
A Snowy Lane, Minneapolis.
Cutting Ice on the Upper Miss.
An Ice Plow on the Mississippi.
Suspension Bridge, Minneapolis.

Places of Interest—America. 50 cents each ; \$45.00 per hundred.

A Mississippi Steamer loading.
Interior of a Mississippi Steamer
Rapids, Falls of Minnehaha.
Mississippi River near St. Anthony's Falls.

Mississippi.

Beauvoir, Home of Jefferson Davis.
Old Slave Bell.
River Steamers.

Vicksburg.

Vicksburg, from the River.
Spot where Generals Grant and Pemberton arranged for the surrender.
Fort Hill.
Pearl River, house in swamp.
A Cane Brake on Pearl River.
In the Swamp.
The Monarch of the Swamp, the largest Cypress on the Pearl River.

Missouri.

St. Louis.

Panorama, N. E.
" S. E.
The Levee.
Mississippi Steamers.
Saloon on Mississippi Steamer.
Fourth Street.
Washington Square.
Suspension Bridge.
Snag Boat.
City Hall.
Post Office.
Jail, Interior.
Court House.
Masonic Temple.
Southern Hotel.
Lindel House.
Pickwick Theatre.
Schneider's Theatre.
Lafayette Park.
Oldest House.

Kansas City.

Panorama.
Main Street.
Delaware Street.
Union Depot.
Coates' House.
Court House.

Nebraska.

Omaha.

Panorama.
Bridge.
U. P. Depot.
Farnam Street.
Withnell's House.

Lincoln.

Panorama.
Post Office.
B. & M. R. R. Depot.
Commercial House.
Arlington House.
Ziener's Ticket Office.
State Prison.
Lancaster Jail.

Sod House.
Big Tree, Chief of the Forest, Milford.

New Hampshire.

Plymouth.

Concord.

Law Office of Franklin Pierce.
The Home " "
The Grave " "

White Mountains.

Lake Winnipiseogee.
Diana's Bath.
Artist Falls.
Crystal Falls.
Glen Ellis Falls.
Frankenstein Trestle.
Deep Cut, P. & O. R. R.
Ammonoosuc Falls.
Twin Mt. House.
Fabyan House.
Crawford Notch.
" House.

Glen House.
Mt. Webster.
Willey House.
Echo Lake.
Old Man of the Mt.
Profile House.
Profile Lake.
Maplewood Hotel.
Flume.
Flume House.
Pool.
Basil.
Moat Mt.
Cathedral Ledge.
Emerald Pool.
Elephant's Head.
Gibbs Falls.
First Beecher's Cascade.
Second " "
Third " "
Kearsarge House.
Mt. Kearsarge.
Ripley Falls.
Purple Lake.
Casco Lake.
Mt. Willard.
Pulpit Rock.
Lake Chocorou.
Hartz's and White Horse Ledge.
Ellis River.
" " Falls.
Squam Lake.
On the Saco.
On the Androscoggin.
Mt. Pleasant House.
Sunset Hill House.
Goodnow House.
Jefferson Hill House.
Waumelek House.
Wentworth House.
Intervale House.

Mt. Washington.

Railway.
Workmen descending.
Railway Train.
Lizzie Bourne's Monument.
Summit House.
Tip Top "
Tower.
Jacob's Ladder.
Mt. Washington in Winter.
Weather Bureau Station.

New Jersey.

Looking to Sea from Highland Lights.
Brick Church, Orange.
Car Elevator, Hoboken.
Marl Beds near Monmouth.
View of Trenton.
Trenton Falls.
Passaic Falls.

Princeton.

Stony Creek Battlefield.
Quaker Meeting House on the Battlefield.
Tree under which Gen. Mercer was shot.
Mercer or Clark House, where Gen. Mercer died.
Grave of Jonathan Edwards.
Graves of Aaron Burr and Jonathan Edwards.
Com. Stockton's House and Grounds.
Seminary and Theological Bldg.
West College and Quadrangle.
East " "
Nassau Hall.
Witherspoon Hall.
Scientific Hall.
Library and Dickens' Hall.
The Observatory.
Philadelphian Society Building.

Atlantic City.

Instantaneous Bathing Scene, Crowded Beach.
The Pier from the Board Walk.
The Beach South from Pier.
The Beach North from Pier, showing Light House.
Watching the Yachts.
A Crowded Beach and Board Walk.
Racing in the Inlet.
Instantaneous Marine.
Board Walk, crowded, from the Pier.

Cape May.

Full view of New Iron Pier.
View from Iron Pier, North.
" " South.
Cape May from New Iron Pier.
On the Beach.
Pier and Steamer.
The Stockton House.

Long Branch.

The Beach.
Ocean Avenue.
Cottages.
Grant's Cottage.
U. S. Hotel.
West End Hotel.
Iron Pier.

New Mexico.

Embudo-Comanche Cañon.
Old Mill, Chamita.
Passengers Crossing the River on Indians.
Stage for Santa Fé.

Albuquerque.

Panorama.
Main Street.

Places of Interest—America. 50 cents each ; \$45.00 per hundred.

Old Mexican House.
Placita in Mexican House.
Cathedral
Santiago Street.
Plaza

Isleta.

Panorama.
Indian Girls.
The Estufa.
Family Group.
View of Plaza.
Indian Group.
Mud Roofs.
Indian Home.
Old Church.

San Juan.

Panorama.
Old Church.
" " interior.
North Plaza.
Husking Corn.
Indian Boys on Burros.
A Caretta.

Santa Cruz.

Panorama.
Old Church.

Santa Fé.

Panorama.
Palace.
Mexican Houses.
The Plaza.
Military Headquarters.
Santa Guadalupe Chapel.
Burros loaded with wood.
San Francisco Street.
Shelby Street.
Chapel and Convent of Loretto.
Oldest House.
Church of Mignel.
Church and Brothers' College.

New York City.

Panoramic Views.

City and Bay.
" East River Bridge.
" North River.
" Governor's Island.
" East River Front.

River and Harbor Views.

East River.
Governor's Island Landing.
" " Officers' quarters
Iron Steamboat Pier.
South Ferry.
Ocean Steamer, in bay.
" " at dock.
" " deck.
Ferry Boat.
Shipping.
East River Bridge, Tower.
" " Span.
" " Approach.
" " Gen'l View.
" " Brooklyn
" " Approach.
" " Stairway,
where the accident May 30th,
1883, occurred.
Oyster Market.
West Street.
Dust Barge.

Canal Barges.
Harlem Railroad Bridge.
Harlem Bridge.
High Bridge.
Steamer Osseo.
Steamer Providence.
Steamer Pilgrim.
" " interior.
Steamer Narragansett.
Grain Elevator.

Prominent Buildings.

Castle Garden.
Barge Office, Battery Park.
Custom House.
Post-Office, front.
" " rear.
Treasury, Wall St.
City Hall,
Court House.
Tombs Prison.
Jefferson Market Court House.
Five Points House of Industry.
Blackwell's Island.
N. Y. Herald Office.
" " Tribune "
Staats Zeitung "
Bible House.
Y. M. C. Association.
Western Union Telegraph.
Equitable Life Ins. Co.
Stock Exchange, exterior.
" " interior.
New Produce Exchange.
Mills Building.
Domestic S. M. Co.
A. T. Stewart, Store.
A. T. Stewart, Mansion.
Vanderbilt Mansion.
Historical Society.
Astor Library.
Lenox Library.
Seventh Regiment Armory.
Union League Club.
Florence Flat.
Masonic Temple.
Grand Opera House.
Academy of Music.
Academy of Design.
Clinton Hall.
Tammany Hall.
Cooper Institute.
Normal College.
N. Y. College.
Columbia College.
United Bank Building.
Union Dime Bank.
Park Bank.
Grand Central Depot, exterior.
" " interior.

Hospitals.

Bellvue.
Mt. Sinai.
St. Luke's.
Homoeopathic.
Womens'.

Churches.

Calvary Baptist.
Catholic Cathedral, exterior.
" " interior.
Tabernacle, Congregational.
Collegiate, Dutch Reformed.
Trinity Episcopal.
" " interior.
St. Paul, "

Grace, Episcopal.
Holy Trinity, Episcopal.
Heavenly Rest.
The Little Church around the
Corner, Episcopal.
Madison Avenue Synagogue,
Jewish.
5th Ave. Synagogue, Jewish.
First Methodist.
Dr. Hall's Presbyterian.
Messiah, Unitarian.
5th Avenue Universalist.

Hotels.

Metropolitan.
Buckingham.
Astor House.
5th Avenue.
Gilsey House.
Hotel Victoria.
Windsor.

Street Views.

Broadway, near Post Office.
" " looking down.
" " looking up.
Wall Street.
Madison Avenue.
5th Avenue, looking down.
" " " up
Union Square.
Madison Square.
Steam Fire Engine.

Statues, etc.

Washington.
Seward.
Lincoln.
Farragut.
Franklin.
Worth Monument.

Elevated R. R.

New Bowery.
Chatham Square.
West Broadway.
23d Street Station.
33d Street Station.
100th Street.
110th " Curve.

Central Park.

59th Street Entrance.
5th Avenue Lake.
Fountain and Terrace.
Mall.
Rustic Bridge and Path.
Lake and Boat House.
Boat House.
Bow Bridge.
Marble Bridge.
The Loch.
The Loch Bridge.
Statue Morse.
" Webster.
" Seventh Regiment.
" Indian Hunter.
" Lion and Cubs.
" Shakespeare.
" Auld Lang Syne.
The Belvidere.
The Obelisk.
Metropolitan Museum.
Arsenal.

Places of Interest—America. 50 cents each; \$45.00 per hundred.

Brooklyn.

Panorama.
Fulton Ferry.
City Hall.
Court House.
Municipal Building.
Plymouth Church, exterior.
" " interior.
Talmage's Church.
Lincoln Statue.
Deck of Man of War, Navy Yard

Prospect Park.

Rustic Bridge.
Dairy Farm House.
Goat Team.
Lake.

Greenwood Cemetery.

Entrance.
Lake.
Canda Monument.
Jas. G. Bennett's Monument.
Soldiers' " "
Morse " "
Garrison's " "

Coney Island.

Panorama.
Tower.
" Pier.
Brighton Beach Hotel.
Manhattan Beach Hotel.
Oriental Hotel.
Amphitheatre Manhattan Beach
Bathing Scene.
The Beach.
The Sea.

New York State.

Little Falls.
Canal Boat entering Lock.
Mohawk River.
Oneida Community Buildings.
R. R. Depot, Rome.
Genesee Falls.
Grave of John Brown, North
Elba.
House of Edgar Allan Poe,
Long Island.
House of Garibaldi, Staten Is.

Hudson River.

Locomotive.
Palace Car.
Spuyten Duyvil Junction.
" Creek.
" Station.

Palisades.
Mt. St. Vincent.
Forrest's Castle.
Yonkers, Landing.
Morris Manor House, Yonkers.
Livingston Mansion, Dobbs
Ferry.
Van Courtland Manor House,
Croton.
Storm King, Cornwall.
The Crows' Nest.
Cold Spring.
Treason Hill, Haverstraw.
Dunderberg.
Sunny Side, Home of Irving.
Garrisons.
Sing Sing Prison.

Vassar College.
" Laboratory.
" Observatory.
" Museum.
Poughkeepsie R. R. Depot.
Livingston Manor House,
Poughkeepsie.
Washington's Headquarters,
Newburg.
Highlands.
New Hamburg Cut.
Peekskill.
" Station.
River at Peekskill.
Verplank Manor House, Fish-
kill.
House Referred to in Cooper's
"Spy."

Constitution Island.
Cozzen's Hotel.
Highland Falls.
Hudson River, below Garrisons.
Anthony's Nose.
Wappinger Falls.
Garner's Mills.
High Rock, above Hyde Park.
Falls above " "
Bridge and Falls above " "
Rhinebeck Station.
Hudson.
Hudson R. R. Depot.
River from Park View, Hudson.
Mt. Mereno.
Tappan, André Monument.
" where André was con-
fined.
Rockland Lake.
Hook Mountain.
Break-neck Mountain.
R. R. Bicycle.
Stony Point.

Tarrytown.

R. R. Train.
Old Church.
Old Mill.
André Monument.
Drive.
Grave of Washington Irving.
Sleepy Hollow.
" Bridge.

West Point.

Headquarters.
Library.
Drive and Academy.
Riding Academy.
Custer Monument.
Trophy Park.
Revolutionary Chain.
Summer Camp.
Looking up the Narrows.
Water Battery.
Light House.
From River.
Parade Grounds.
Campus.
Old Fort Clinton.
The Cemetery.
Ruins of Fort Putnam.
West Point Hotel.
Col. Thayer's Statue.

Catskill.

Boat Landing.
Mountain House.
Hotel Kaaterskill.
Laurel House.

Kaaterskill Falls.
View from Sunset Rock.
Bastion Falls.
Haines Falls.
High Peak and Round Top.
Land Slide.
Profile Rocks.
Fawn's Leap.
Above Fawn's Leap.
Kaaterskill Clove.
Clove Bridge and Falls.
Palenville.
Emma Falls.
Palenville Hotel.
Stony Clove.
Rip Van Winkle House.

Saratoga.

Broadway.
Congress Hall.
Grand Union Hotel.
" Dining Room.
" Office.
" Ball Room.
" Drawing Room.
" Hallway.

U. S. Hotel.
" Court.
" " Drawing Room.
Clarendon Hotel.
Congress Park.
Columbian Spring.
Congress " "

High Rock " interior.
Geyser " "
Pavilion " "
Empire " "
Washington " "
Star " "
United States Spring.
Saratoga Lake.
Moon's Hotel, Saratoga Lake,
R. R. Station.

Glen's Falls.

Falls and Mills.
Lumber District.
Devil's Punch Bowl.
Fountain Square.
Soldiers' Monument.
Rockwell House.

Lake George.

The Lake.
Lake House.
" Landing.
Ft. Wm. Henry Hotel.
" Porch.
Ft. George.
" Ruins.

Crosby House.
Half-way House.
100 Island " "
Mohegan " "
Sagmore " "
Kattskill " "
Bolton.
Caldwell.
Hulet's Landing.
Pearl Point.
The Narrows.
French Point.
The Stage Coach.
Trout Pavilion.
Tea Island.
Roger's Slide.

Places of Interest—America. 50 cents each ; \$45.00 per hundred.

Black Mt.
Mt. Defiance.
Ft. Ticonderoga.
Ft. Ticonderoga Hotel.
R. R. connection at Ft. Ticonderoga.
Ticonderoga, Lower Fall.

Watkins Glen.

Amphitheatre.
Stillwater Gorge.
Minnehaha Fall.
Cavern Cascade.
Glen Mt. House.
Sylvan Gorge.
Cathedral Bridge.
Pluto Falls.
Central Falls.
Rainbow Falls.
Buttermilk Falls.
Artist's Dream.
Narrow Pass.
Staircase.
Elfin Gorge.
Fairy Pool.

Adirondacks.

Blue Mt. Lake.
Raquette Lake.
Phelps Falls.
Prospect House.
Paul Smith's.
Cascade House.
Elizabethtown.
Schroon Lake.
" " Hotel.

Au-Sable Chasm.

General View.
Cathedral Rocks.
Hell Gate.
" Bridge.
The Basin.
Split Rock.
Birmingham Falls.
Au-Sable Ponds.

Albany.

Panorama.
R. R. Depot.
R. R. Bridge.
Boat Landing.
Albany Basin.
State Street.
Delavan House.
Post Office.
The Capitol.
" Staircase.
" Court of Appeals.
" Hallway.
" Golden Corridor.
" Assembly Chamber.
" Fire Place.

State Library.
North Pearl Street.
City Hall.
Van Rensselaer Home.
Schnyler Mansion.

Troy.

City Hall.
Music Hall.

Schenectady.

Erie Canal.
Union College.
Memorial Hall.

Utica.

R. R. Station.
Genesee Street.
John "
Residence of Roscoe Conkling.
Erie Canal.

Syracuse.

Canal.
Court House.
Panorama.

Buffalo.

City Hall.
Jail.
Park.
Breakwater.
Lake Erie.

Ithaca.

Taghkanic Falls.
" Ravine.
Enfield Falls.
" Ravine.
Steeple Rock.
" Falls.
Cathedral Gorge.
Cayuga Lake.
Bridal Veil Fall.
Indian Grist Mill.

Portage.

Genesee River.
Glen Iris.
Old Bridge.
New "

Niagara.

General View.
American Falls from Goat I.
Horse Shoe Falls.
Sunset at Niagara.
View from Prospect, Niagara.
Profile Rock.
Horse Shoe Falls from below.
American Falls from Canada.
Horse Shoe Falls from Canada.
Falls above Canada Side.
American Falls from Luna I.
The Old Terrapin Tower.
Terrapin Tower in Winter.
Bridge to 3 Sisters in Winter.
Rapids above American Falls.
Ice Mound below.
American Fall from below.
Cave of the Winds from below.
Rapids below the Falls.
Sister Sisters from Goat I.
R. R. Suspension Bridge.
" " " interior
" " " interior
View of New Suspension Bridge.
New Suspension Bridge, front.
Tower of the New Bridge.
Ice Bridge.
" by Moonlight.
Ice Mounds in Horse Shoe Falls
Horse Shoe Falls in Winter.
American Falls in Winter.
Cave of the Winds in Winter.
Frost Work on Luna Island.
Ferry Landing, Winter.
Luna Island Bridge, Winter.
Dog Island.
Bridal Veil.
New Cantilever Bridge.
Three Sisters' Island.
Little Brother Island.

Lake Champlain.

Steamer Landing at Port Kent.
Essex.
Below Westport.
Below Essex.

North Carolina.

Round Knob Hotel.
Railroad Bridge on Mill Creek.
Viaduct Bridge, Round Knob.
High Trestle, W. N. C. R. R.
Old Round Knob Hotel.
Deep Cut, near Round Knob.
Big Fill Trestle, W. N. C. R. R.
Cascades on Mill Creek.
Big Fill Trestle—Looking up—
" 165 feet High."
Series of Tunnels from Lick
Log to McIlroy.
Entrance to Swannanoa Tunnel.
Blue Ridge at Royal Gorge.
Mt. Mitchell Hotel.
Swannanoa Valley.
Black Mt. Station.
French Broad Valley.
Main Street, Asheville.
Swannanoa Hotel, Asheville.
Village Market Cart.
Bumcombe Co. Court House.
French Broad River.
Beaucatcher Mountain.
Iron Bridge over the French
Broad River.
An Asheville " Cider Cart."
Group of Villagers.
Village Jubilee—Asheville.
Hotel at Alexanders.
Major Blackwell's Hotel.
Turnpike House.
Chalybeate Spring.
Turnpike House and R. R.

Waynesville and Vicinity.

Haywood White Sulphur Spring
Waynesville, East.
National House, "Waynesville"
Waynesville, West.
Group of Cherokee Indians.
Main Street, "Waynesville."
Sulphur Mountain.
Sulphur Spring.
Old Mill—"Story Run."
Balsam Hotel.
Cascades of Scotch Creek.
A Tobacco Farm & Fox Hunters
Covee Tunnel.
On the Tuckasegee.
Cascade of the Tuckasegee
River.
View of the Tennessee River.
Bridge over the Tennessee River.
Marble Cut.
A Mountain Home.
A Rock House, Nantahala R.
Corn-Cracker or Native Grist
Mill.
Cat Stairs—Terminus of the W.
N. C. R. R.
A Mountain Farm.
Nantahala River.
Nantahala Val.
Fish Dam.
The Moonshiners' Camp.
A Mountain Still.
Cascades of Nantahala River.
Cloud Effect on the Mountain.
Valley of Noon-day Sun.

Places of Interest—America. 50 cents each ; \$45.00 per hundred.

The Chain Gang.
North Carolina Grist Mill.
Log Cabin—Family Group.
Valley of Valley River.
Ploughing in W. N. C.
On the Mountain Trail.
Nelson's Knob.
Bird's Eye View of Murphy.
Cherokee Co. Court House.
The Hiawassee River.
Macon Co. Court House.
Franklin House.
The "Hoss" Trader.
Corundum Mine near Franklin.
interior.
Whiteside Mountain.
Satulah Falls.

Ohio.

Cincinnati.

Suspension Bridge.
Tyler Davidson Fountain.

Pacific Railroad.

Exterior of a Pullman Pal. Car.
Interior of a Sleeping Car.
All aboard! Em. Tr. going W.
Echo Cañon.
Hanging Rock, Echo.
Pulpit Rock, "
Valley of the Weber.
Weber River.
Devil's Gate.
Trestle Work.
Reed's Rock.
1,000 Mile Tree.
Devil's Slide.
Donner Lake.
Exterior of the Snow Sheds.
Interior "
Hydraulic Gold Mining.
Mirror View on Mary's Lake.
Witches' Rocks.
Building Snow Sheds on Cen-
tral Pacific R. R.

Pennsylvania.

Haverford College.
Panorama of Alleghany City.
" " Pittsburg.
Ohio River
Western Penitentiary, Pittsburg
Washington's Headquarters,
" Valley Forge.
Panorama of Pottsville
Atkins Furnaces, Pottsville.
Cedarcroft, Bayard Taylor's
" Home.
Birthplace of Bayard Taylor.
Lodge at Cedarcroft.
Chestnut trees at Cedarcroft.
Library "
Birmingham Meetinghouse, Bat-
tlefield of Brandywine.
Old St. David's Church, Radnor
Old St. Peter's "
Wheatland, House of Buchanan
Grave of President Buchanan.
Grave of Thaddeus Stevens.
Panorama of Ebensburg.
Maplewood Hotel, Ebensburg.
Cherry Valley.
Spouting Oil Well.
Massacre Monument, Wyoming
Valley.

Philadelphia.

Panorama of Philadelphia.
Independence Hall, front.
" " interior.
Old Independence Bell.
Hancock Chair.
Washington Statue.
Carpenter's Hall.
Custom House.
U. S. Mint.
Girard College.
Masonic Temple.
Continental Hotel.
Christ Church.
Fairmount Park.
" " Water Works.
Lincoln's Monument, F. P.
Girard Avenue Bridge.
Callowhill Street Bridge.
Schuylkill River R. R. Bridge.
Schuylkill River.
On the Wissihickon.
New City Hall.
Post-Office.
Union League Club.
University of Pennsylvania.
Academy of Music.
Academy of Fine Arts.
Horticultural Hall.
Memorial Hall.
Pennsylvania R. R. Depot.
Statue, Dying Lioness.
St. George's Hall.
The Cathedral.
Wanamaker's.
Hotel Bellevue.
Hotel Lafayette.
Merchants' Exchange.
St. George's Hotel.
McCaull's Theatre.
Chestnut St. Opera House.
Penna. R. R. Grain Elevator.
Y. M. C. A. Building.
Eastern Penitentiary.
Old Swedes Church.
Old Market St. Bridge.
Reynolds' Statue.
Broad Street.
Old Millin Mansion.
Penn Mansion.
Revolutionary House.

Bethlehem.

Moravian Mill.
Street and Moravian Church.
Old Moravian Sun Inn.
Moravian Burial Ground.
Moravian Dead House.
Moravian Sisters' Convent.
Moravian Church.
View of the Town.
Paeker Hall, Lehigh University.
Library and Gymnasium, "
Laboratory, "

Cresson Springs.

The Mountain House.
Lower Spring House.
Alum Spring.
Cottage Row, Mountain House
" Grounds.
Summit of the Alleghanies.
The Old Portage Road.
Big Trees near Cresson Springs.
Fallen Tree near Big Trees.
Wildwood Hotel near Cresson.
Bell's Gap.

Bell's Gap R. R. toward Stony
Point.
Rhododendron Park.

Delaware Water Gap.

Mts. Minsi and Tammany.
Marshall's Falls.
Bridal Veil Falls.
Raymondskill Falls.
High Falls.
Fulmer Falls.
Freedom Falls.
Sawkill Falls.
Eureka Glen.
G. W. Child's Arbor.
The Soap Trough.
Water Gap House.
Kittatinny Hotel.
Bushkill Falls.
The Gap.
Point of Rocks.
Dingman's Falls.
Rebecca Cascade.

Gettysburg.

Main Street.
The Battlefield.
Devil's Den.
Monterey Gap.
Big and Little Round Top.
Cemetery Hill.
Culp's Hill.
National Cemetery.

Mahanoy City.

Mahanoy Tunnel.
Foggt's Colliery.
A Miner's Home.
Reading Colliery.
Panorama of Mahanoy City.
The Mahanoy Plane.
Coal Regions.

Mauch Chunk.

Mt. Pisgah.
Bear Mountain.
General View.
View on the Lehigh.
General View of the Lehigh
Valley.
View from Summit of Mt. Pisgah
Mt. Jefferson Plane, 2070 ft. long
Burning Mine Summit.
Coal Breaker.
Scenes around a Coal Breaker.
Slate Pickers in a Coal Breaker.
Mining Bosses at Powder House
Entrance to a Coal Mine.
A Train coming out of a Coal
Mine.
Old Bastile.
Burning Mines.
Broadway.
Coal Chutes, Loading Boats.
Glen Onoko.

Rhode Island.

Newport.

The Harbor.
The Beach.
Purgatory.
Cliffs.
Old Stone Mill.
Cottages.
Perry Statue.
Ida Lewis Lighthouse.

Places of Interest—America. 50 cents each ; \$45.00 per hundred.

Old Wind Mill.
The Casino, Exterior.
" Garden.
Lovers' Lane.
Nigger Head Rock.

Narragansett Pier.

Bathing Scene.
Indian Rock.
Hotels.

Watch Hill.

Hotels.
Atlantic House.
The Beach.

Providence.

Arcade.
Roger Williams' Monument.

South Carolina.

Charleston.

South Battery Street.
Shipping.
Steamer.
Fort Sumter.
Magnolia Cemetery.
Charleston Hotel.
Washington Square.
Marion Square.
City Hall.
Battery Park.
Custom House.
Hnguenot Church.
Meeting Street.
Beauregard's Headquarters Dur-
ing the War.

Utah.

Sphinx Boulder.
Ogden.
Wasatch.
Wasatch Mountains.
Corinne.
Mt. Nebo from West.
West view of Gunnison, San
Pitch and Sevier River.
San Pitch Mts.
Looking down Volcanic Peak,
Wasatch.
A Ranch in Southern Utah.
Rio Virgin Cañon.

Salt Lake City.

Panorama of City and Wasatch
Mountain.
Brigham Street.
Brigham Young's House.
" Grave.
The Temple, unfinished.
Post Office.
The Tabernacle, exterior.
Great Organ in Tabernacle.
View of City, with Tabernacle
and Temple.
Deseret Store.
Court House.
Theatre.
Main Street.
Brigham Young's Bee Hive.

Vermont.

Breakwater, Burlington.
St. Albans.
Winooski Falls.

Virginia.

Natural Bridge.
Fortress Monroe.
Harpers Ferry.
Down the Potomac.
Looking up the Shenandoah.
John Brown's Fort.

Bull Run.

The Henry House.
Soldiers' Monument.
The Battlefield.
The Battlefield where Gen. Bee
fell.
The Bridge at Bull Run.
The Old Stone House.
The Ford at Sudley Springs.
The Old Mill near Sudley Ford.

Chancellorsville.

The Marie House.
Gen. Lee's headquarters.
The Old Red Church.
General view of Battlefield.
Chancellor's House.
Ely's Ford Road.
Stone, marking spot where
Stonewall Jackson fell.
Scene of Charge of 8th Penn'a
Cavalry.
Dowdall's Tavern.
Old Wilderness Church and
Melzie, Chancellor House.

Fredericksburg.

Fredericksburg from the Lacy
House.
The Lacy House.
Burnside's headquarters.
Group in front of Scott House.
Slave quarter, Scott House.
Gen. Sumner's headquarters.
Sumner's Crossing.
Tomb of Washington's mother.
Marie's Heights.
The National Cemetery.
Confederate Monument and
Cemetery.
Ruins of the Bernard Mansion.
View on the Rappahannock
from Bernard Mansion.
Franklin's Crossing, Rappahan-
nock.

Mount Vernon.

Steamboat Landing.
Washington's Home.
Butler's House.
Entrance to Washington's Tomb
The Sarcophagus, Washington's
Tomb.
The Tomb of Washington.
The First Tomb of Washington
Porter's Lodge.
Walk on the Potomac.
View from Window of Wash-
ington's chamber.
Old Pohick Church.
Washington's Barn.

Petersburg.

Fort Rice.
Fort Mahone.
Fort Stedman.
The Mine.
The Crater.
Blanford Church.

Richmond.

Panorama.
Docks.
Libby Prison.
Confederate Capitol.
Statue of Washington, in Cap-
itol.
Statue of Henry, in Capitol.
Confederate White House.
Washington Monument.
Jackson " "
Soldiers' " "
Richmond College.
St. John's Church, where Patrick
Henry made his famous speech
Washington's Headquarters, the
oldest house in Richmond.
Terrace on Burk Hill.
Main Street.
Franklin Street.
Old Southern Residence.
Old Virginian ox-team.
House in which Stonewall Jack-
son died, Guinea Station.
Room in which Stonewall Jack-
son died, Guinea Station.
The Old Court House, Bowling
Green.
The National Cemetery.
The National Cemetery, showing
the Post Flag.
Confederate Monument, Oak-
wood Cemetery.
Confederate Cemetery, Oakwood
Monument to Gen. J. E. B. Stuart,
Hollywood Cemetery.
President Monroe's Tomb,
Hollywood.
Belle Isle.
Rapids of the James River.

Williamsburg.

The Old Court House.
The Old Powder House.
Main Street.
The Old Churchyard.
William and Mary College.
The Ravine, Williamsburg.
Fort Magruder, interior.
Fort Magruder, earthworks.
Camp meeting shouters, negro.
The Old Episcopal Church, in-
terior.

Western.

Elko Station, Nevada.

Indian Life.

Yosemite Indians Fishing.
Traders' Cabin.
Indians and Mud Lodge.
Iron Bear Chief.
Scene in a Digger Indian Camp.
Indian Burying Ground.
Trout Spearing on Donner Lake
Ute Chiefs.
Ute Squaws.
Ute Village.
Indian Lodges.
Red Cloud Agency.
Spotted Tail Agency.
Little Big Man's Teepees.
No Flesh Teepees.
Sioux Village.
Sioux Camp.
Sioux Wigwam.
Indian Graves.

Places of Interest—America. 50 cents each ; \$45.00 per hundred.

Graves near Fort Laramie.
Grave of Crazy Horse.
Sioux Council.
Red Dog.
Young Man Afraid of his Horse
Little Big Man.
American Horse, with his war
shirt trimmed with Scalps.
American Horse and Squaw.
American Horse Lodge and
Family.
Iron Crow.
Rocky Bear and Squaw.
Red Cloud.
Black Bear.
Spotted Tail.
Little Wolf.
Big Bear.
Sioux Kate.
Portrait of 24 Indian Chiefs,
with the names under each.
Crow Village.
Iron Bull's Camp.
Jimmie Cammeron, the oldest
Scout and Guide.
Winnabago Chief.
" Squaws.
" Squaw carry'g wood
Group of Omaha Indians.

Wisconsin.

Booming Timber over a dam,
Kinnikinnik Falls.
Upper Kinnikinnik Falls.
Dalles of St. Croix.
Winter view on St. Croix River.
The Devil's Chair, Dalles of St.
Croix.
St. Croix River and Town.
The Ink Pot, St. Croix River.
Curious Rock Formation on St.
Croix River.
Sentinel Rock, St. Croix River.
A Picturesque Waterfall.
A Log Jam, Upper Wisconsin.
Breaking of Log Jam, Upper
Wisconsin.
Falls at Summit Mill.

Kilbourn Dalles.

Stand Rock.
Luncheon Hall.
Hornets' Nest.
Witches' Gulch.
Head of the Dalles.
Steamboat Rock.
Rock Glen.
Gates Glen.
Up the Dalles.
The Elbow.
Rafting on the Dalles.
Tower Rock.
Pine Bluff.
Lone Rock.
Sugar Bowl.
Ink Stand Rock.

Devil's Lake.

Minne-Waunken.
East Cliff.
Tornahawk Rock.
Pine Cliff.
Split Rock.
Kirkland.
Devil's Doorway.
Old Shady.

Echo Cliff's Rock.
Echo Cliff.
Wonder Notch.
North from Echo Point.
South from Echo Point.
Thunder Cliff.
Turk's Head.
Grove at Kirkland.
Cleopatra's Needle.
The Tower.
Paffrey's Glen.
Pewitt's Nest.
Old Mill at Pewitt's Nest.

Wyoming.

Bad Lands.
Sandstone Bluff.
Castellated Rock.
Green River.
McDaniel's Theatre.
Cheyenne.
Guard House, Ft. Robinson,
Cheyenne.
Petticoat Rock.
High Trestle near Cape Horn.

**Yellowstone National
Park.**

Map of the Park.
Old Faithful Geyser, Crater.
" " in Eruption.
" " Pools.
Lion Geyser, Crater.
Giantess Geyser, Crater.
Monarch Geyser.
Fountain Geyser.
Castle Geyser, Crater.
" " near
" " in Eruption.
Bee Hive Geyser, Crater.
" " in Eruption.
Grand Geyser, Crater.
" " in Eruption.
Black Sand Geyser, Crater.
Grotto Geyser, Crater.
Comet Geyser, Crater.
Saw Mill Geyser, Crater.
Minute Geyser.
White Dome Geyser.
Fan Geyser, in Eruption.
Soda Geyser, in Eruption.
Crater of Mud Volcano.
Tourists at Giant Geyser.
Giantess Group of Geysers.
Group of Grand Geysers.
Mammoth Hot Springs, Central
Basins.
Mammoth Hot Springs, Cove
Springs.
Mammoth Hot Springs, Giant
Springs.
Mammoth Hot Springs, Coating
Terraces.
Mammoth Hot Springs, Pulpit
Basin.
Mammoth Hot Springs, Diana's
Bath.
Mammoth Hot Springs, Coral
Pools.
Mammoth Hot Springs, Coral
Springs.
Mammoth Hot Springs, Snow
Drift Springs.
Mammoth Hot Springs, Upper
Basin.

Mammoth Hot Springs, Midway
Basins.
Mammoth Hot Springs, Giants'
Bath.
Mammoth Hot Springs, Mirror
Pools.
Mammoth Hot Springs, East
Slope.
Mammoth Hot Springs, Natural
Troughs.
Mammoth Hot Springs, Pearl
Pools.
Mammoth Hot Springs, Grotto
in Glen.
Mammoth Hot Springs, Build-
ings at Spring.
Crystal Forest, Trees coated
with calcareous deposit.
Liberty Cup, 47 feet high.
Periodical Lake—Formation on
bottom.
Periodical Lake—Pedestal on
bottom.
Gardiner River Falls, 140 feet.
Gardiner River Cascades, East
Fork.
Gardiner River Cascades, West
Fork.
Petriified Tree.
Profile Rock.
Tower Falls, 220 feet.
Looking over Tower Falls.
Tower Rocks, Tower Creek
Cañon.
Yellowstone Falls.
Yellowstone Falls, from Red
Butte.
Yellowstone Falls from Inspira-
tion Point.
Yellowstone Falls, Upper Falls.
Yellowstone Falls, looking over
the Great Falls.
Yellowstone Falls, Rapids above
Falls.
Yellowstone Lake, Boiling Pool.
Grand Cañon, from Lovers'
Leap.
Grand Cañon, from the Big
Boulder.
Grand Cañon, looking down
the Cañon.
Grand Cañon, Dismal View.
Yellowstone Cañon, Eagle Cliff.
Cathedral Rock.
Crystal Cascades.
Upper Terrace Pools.
Devil's Well.
Fire Hole Falls.
Fairies' Well, Upper Geyser
Basin.
Fairies' Isle, Fire Hole River.
Fairies' Fall, Specimen Creek.
Soda Creek and Sheep Mountain
Hermit Mountain.
Mount Huston.
Crown Butte.
Rocky Mountain View.
Fishing—300 pounds Trout in 2
hours.
Successful Hunter.
Sherman's Camp.
Monument Rocks.
Silver Cascade, Steven's Creek.
Natural Paint Pots.
Heart Lake and Mount Sheridan
Camel Cliff, Hoodoo Basin.
Conglomerate, Hoodoo Basin.

GUIDE BOOK TO THE YELLOWSTONE NATIONAL PARK,

Giving Descriptions of the above Views, Price, \$1.00.

Places of Interest—America. 50 cents each; \$45.00 per hundred.

Hoodoo Sentinel.
Devil's Gate to Fire Hole Basin.
Devil's Slide and Cinnabar Mountain.
Castle Rock and Pyramid Mountain.
Roman Sentinel.
Finger Rock.
Hunter's Camp.
Bridger Cañon.
Bear Rock.
Debri Hill.
Debri Hill, Stairway.
View on Fire Hole River.
Grotto Pool.
Grotto Bridge.
Boulder Fall, Tower Creek.
Crater Hill.
Natural Bridge.
Monument Park.

Canada.

Panorama of Port Arthnr.
" " Winnipeg.
Main St. "
Panorama of Hamilton.
The Market "

Montreal.

Panorama.
River Front.
James Street.
Notre Dame.
Notre Dame Bell, (24,780 lbs.)
New Cathedral.
English Cathedral.
Hotel Dieu Hospital.
McGill College.
Montreal College.
Post Office.
City Hall.
Custom House.
Montreal Bank.
Windsor Hotel.
Victoria Bridge.
Monument at Victoria Bridge.
Soldiers' and Sailors' Monument.
Bonsecours Market.
Grand Trunk R. R. Depot.

Ottawa.

Parliament Buildings.
Victoria Monument.
Post Office.
Governor's House.
Catholic Cathedral.
Battery.
Rideau Canal.
Chaudier Falls.
Panorama.

Quebec.

Harbor.
Point Levi.
Dufferin Terrace.
Old Parliament Buildings.
New Parliament Buildings.
Kent Gate.
St. John's Gate.
St. Louis Gate.
Citadel.
Martello Tower.
French Cathedral.
Y. M. C. A. Building.
Montgomery House.
Montcalm Market.
New Jail.

Skating Rink.
Grand Battery.
Wolf Monument.
Montcalm Monument.
Where Montgometry fell.
Natural Steps.
Montmorenci Falls.

Toronto.

Lieut.-Governor's House.
Post Office.
Normal College.
University College.

Thousand Islands.

Alexandria Bay.
Thousand Island House.
Bonnie Castle.
Mt. Benlah.
Arcadia.
Observatory.
Landing, Westminster Park.
Ina Island.
Little Ina Island.
Warner's "
Ft. Carleton Ruins.
Peel's Dock.
Lister's Lighthouse.
Old Wind-mill.
Crossmon House.
Fisher's Landing.
Anthony's Point.
Isle of Pines.
Camping Out.
Summerland.
Sailing Yacht.

Mexico.

Organ Cactus.
Woman Making Tortillas.
The Woman in White.
Pyramid of Cholula.
Pulque Gatherer.
Silver Hacienda of Regla.
Castle of Chapultepec, Exterior.
" " A Corridor.
" " The Grove.
Mexican Moss.
Tree of Cortez.
Chapel above Guadalupe.
Hill where Maximilian was shot.
Cathedral of Guadalupe.
Interior of Church of Our Lady of Guadalupe.
Popocatepetl.

" Summit.
" Climbing up.
Aqueduct, on Mex. Nat. R'way.
Pachuca.
Panorama of Vera Cruz.
Harbor of Vera Cruz.
Cascade of Atoyac.
Mount Orizaba.
Orizaba and Milniehie.
Ave. of San Pablo, Atlazalpam.
Cathedral and Plaza, at Puebla.
Hand Dug Canal.
Street in Oxtacalco.
Street to Calvary of Ayotla.
Ford on Montezuma River.
Sentry Palm.
Palms of Atoyac.
Open Rocks.
Basaltic Cliffs.
Iron Bridge, Built by Natives.
Curved Iron Bridge, Vera Cruz
Railway.

Horseshoe Bridge at Cordova.
Tunnel, Vera Cruz Railway.
Native Hut.
Native Refreshment Stand.
Traveling Merchant.
Market Women on Canal.
Canal at Ixtapalapa.
Native Horse Cart.
A Happy Family.
Donkeys.
Donkeys Loaded with Pulque.
The Indian Cook of Maximilian.
Mexican Bride.
Aqueduct of San Cosine.
Cathedral of Merida.
Coach at Merida.
Market Place, Monterey.
Cathedral, Monterey.
La Mitra, Monterey.
La Silla, Monterey.
Cathedral at Chihuahua.

City of Mexico.

Panorama.
Throne Room, Palace of Maximilian.
Street View.
Aqueduct.
Gates for Collecting Customs.
San Domingo and the Spanish Inquisition.
Aztec Monument.
Aztec Sacrificial Stone.
Aztec Calendar.
Aztec God of War.
Group of Aztec Gods.
National Library.
Cathedral.
Church of the Holy Well.
Statue of Columbus.
Zocalo Gardens.
Old Palace of Emp. Iturbide.
Episcopal Church.
Statue of Charles IV. of Spain.
Coach of Empress Charlotte.
Street Market.
Celebration of 16th of Sept.
Site of Cortez Defeat.
Canal entering Mexico.
Tomb of Juarez.
Las Casas, Painting in San Carlos Academy.

South America.

Panorama of Pernambuco.
Harbor of "

Rio Janeiro.

Harbor.
Brazilian Packet—Vessel entering the Harbor.
Palms in the Botanical Gardens.
Botanical Garden, entrance.
Corcovado (Broken Back).
Tropical Shrubbery.
Picturesque View of Rio Janeiro.

Bahia.

Plaza del Customs.
Rue de Commercio.
Church of Bomfim.
Ocean Tramps.
View toward San Antonio Light House.
Harbor View.
Bay of All Saints.

Places of Interest—Foreign. 50 cents each; \$45.00 per hundred.

London.	St. Paul's Cathedral.	Tomb of Tom Hood, Kensal Green.
Map of London.	“ “ West Front.	“ “ <i>Westminster Abbey.</i>
Panorama of the City.	“ “ Interior, the Nave.	Exterior, North Side.
Trafalgar Square.	“ “ The Aisle.	“ “ from Dean's Yard.
Buckingham Palace.	“ “ The Transept.	“ “ West Towers.
Hampion Court Palace.	“ “ The Choir.	“ “ North Porch.
Kensington Palace.	“ “ Monument to Corn-	“ “ Henry VII.'s Chapel.
Somerset House.	walls.	“ “ Jerusalem Chamb'rs
Lambeth Palace.	St. Paul's Monument to Nelson	“ “ Flying Buttresses.
Lord Mayor's Mansion House.	Harrow Church.	“ “ of Chapter House.
St. James Palace.	Spurgeon's Tabernacle.	The Old Refectory.
Windsor Castle, Front.	Dalchet Church.	Interior—Nave.
“ “ Round Tower.	Albert Memorial—Monument.	“ “ Choir from the West.
“ “ St. Geo's Chap	“ “ Europe.	“ “ “ East.
“ “ State entrance	“ “ Asia.	“ “ Transept from the
“ “ Statuary.	“ “ Africa.	South.
House of Parliament, Clock	“ “ America.	Reredos, Perspective.
Tower.	“ “ Commerce.	Reredos, Front View.
House of Parliament, Full	“ “ Engineering.	North Aisle.
View.	“ “ Agricultural.	Choir Screen.
Statue of Coeur de Lion.	“ “ Manufactures.	The Pulpit.
House of Parliament, the	Charing Cross Hotel.	Chapel of St. Erasmus.
Cloisters.	Eleanor Cross.	“ “ Edward the Confess'r
Interior of Cloisters' House of	Westminster Palace Hotel.	The Shrine of Edward the “
Parliament.	Langham Hotel.	The Cloisters, East and West.
Peer's Entrance House of	Morley's Hotel, Trafalga Square	“ “ North and South
Lords.	Great Western Hotel.	Tomb of Dr. Livingstone.
Interior of the House of Peers.	Tower of London, Gen. View.	The Coronation Chair.
The Throne, House of Peers.	“ “ Middle T'wr	The Nightingale Tomb.
Interior of the House of Com-	“ “ Byward “	Wilberforce Monument.
mons.	“ “ Traitors “	Tomb of Major Andre.
Temple Bar.	“ “ Bloody “	“ “ Charles James Fox.
Horse Guards.	“ “ White “	“ “ Admiral Holmes.
The Treasury.	“ “ Bell “	“ “ Sir Eyre Coote.
Custom House.	“ “ Jewel “	“ “ Earl Chatham.
New Foreign Office.	“ “ Salt “	“ “ Boyne, Blair and Man-
Bank of England.	“ “ Beauchamp	ners.
Royal Exchange.	Tower.	Dicken's Grave, Poets' Corner.
The National Gallery.	Tower of London, Deverex	Poets Corner, Shakespeare's
Chapel Royal, Whitehall.	Tower.	Monument.
Landseer's Lion, Trafalgar Sq.	Tower of London, Bowyer T'wr	Poets Corner, Campbell,
Pall Mall on Drawing-Room	“ “ Traitors' G'te	Southey and Thomson.
Day.	“ “ St. John's	Poets Corner, Milton, Ben.
St. James Street, Drawing-	Chapel.	Johnson and Spencer.
Room Day.	Tower of London, St. Peter's	Lord Palmerston's Monument.
Duke of York's Statue.	Church.	Henry VII.'s Chapel and Stalls.
Statue of Charles I., Charing	Tower of London, the Gov-	Henry VII.'s Tomb, End View.
Cross.	ernor's House.	“ “ Side “
The Peabody Statue.	Tower of London, Horse Ar-	Tomb of Queen Elizabeth.
Statue of James II., White-	mory.	“ “ Mary Queen of Scots.
hall.	Tower of London, Queen Eliz-	Monument to Sir Robert Peel.
Lord Clyde's Statue.	abeth's Armory.	“ “ Francis Vere
Duke of Wellington Statue.	Tower of London, Effigy of	Monument to Infant Princess
Kew Gardens.	Queen Elizabeth.	of James I.
Kensington Gardens.	Tower of London, Effigy of	Tomb of Henry III.
Zoological Gardens.	Henry VIII.	Chapel of St. John.
Hedge Park, Marble Arch.	Tower of London, Crown	Crsader's Tombs.
“ “ Park Lane.	Jewels.	Tomb of King Edward III.
Hall of Arts and Sciences.	London Bridge.	Poets' Corner.
British Museum.	Southwark Bridge.	Monument of James Watt.
Frogmore House.	Blackfrlars' Bridge.	John Wesley's Monument.
Strawberry Hill, Walpole's	Waterloo “	Dr. Watt's Monument.
Residence.	Westminster “	
The Charter House.	Lambeth “	
Bunyan's Tomb, Bunhill Field	Middle Railway Depot, Inter-	
Cemetery.	rior.	England.
Dr. Watt's Tomb, Bunhill Field	Charing Cross Railway Station	Panorama of Oxford.
Cemetery.	Albert Hall.	Christ Church College, Oxford
Defoe's Tomb, Bunhill Field	Carlton Club, Pall Mall.	The Martyrs' Monument.
Cemetery.	Athenum Club, Pall Mall.	Royal College, Cambridge.
Greenwich Hospital.	Army and Navy Club, St. James	St. John's College, Cambridge.
Entrance to Regent's Park.	Square.	Cheltenham, Queens' Hotel.
The Serpentine.	Haymarket Theatre.	“ “ The Promenade.
Albert Hall.	Her Majesty's Theatre.	Cornwall—The Cheese-Wring.
Cremorne Gardens.	Rotton Row.	“ “ Lands End.
Alhambra.	A Hansom Cab.	“ “ Logan Stone.
Newgate Prison.	A Four-Wheeled Cab.	Durham—Castle.
Thames Embankment.	Crystal Palace, Sydenham.	“ “ The University.
London Docks.	Smithfield Market.	Doncaster—St. Geo.'s Church.

For further lists of Foreign Views see “Detailed Catalogues,”

Places of Interest—Foreign. 50 cents each; \$45.00 per hundred.

Kenilworth Castle.
 " from the B'dge East side.
 Borrowdale—The Bowder Stone
 " The Castle Craig.
 Derwentwater, from Friar's Crag.
 Derwentwater—Falls of Lodore
 Distant View of Rydal Hall.
 Stratford-on-Avon—Shakespeare's House.
 Stratford-on-Avon—Parish Church.
 Warwick Castle.
 Guy's Cliff, from the Meadow.
 Bridge on the Avon.
 Ann Hathaway's Cottage.
 Cheddar Cliffs, Somerset.
 Hannah More's Grave, Som'set

Ireland.

An Irish Jaunting Chair.
 Sackville Street, Dublin.
 Post Office, Dublin.
 Grafton Street, Dublin.
 Bank of Ireland, Dublin.
 Trinity College, Dublin.
 St. Patrick's Cathedral, Dublin
 The Four Courts, Dublin.
 Custom House, Dublin.
 Bray and Bray Head, Co. Wick'
 The Scalp, Co. Wicklow.
 Cottage in the Dargle.
 The Dargle, Co. Wicklow.
 Powerscourt Waterfall, Co. Wicklow.
 The Vale of Clary, Co. Wick'
 The Vale of Avoca, "
 Lion Arch, Castle Howard.
 Kilkenny, Birdseye View.
 Jerpoint Abbey, Co. Kilkenny.
 Lismore Castle, Co. Waterf'd.
 Ruins on the Rock of Cashel, Co. Tipperary.
 Holycross Abbey, Co. Tipper'y.
 Patrick Street, Cork.
 Patrick's-bridge, Father Matthew's Statue.
 St. Finn-Barr's Cathedral, Cork
 Shandon Steeple, Cork.
 Queenstown Harbor.
 Sir Walter Raleigh's House.
 Blarney Castle, Co. Cork.
 Cromwell's Bridge, Glengariff.
 Lakes of Killarney.
 The Upper Lake, Killarney.
 The Eagle's Nest Mountain, Killarney.
 The Old Weir Bridge, Killarn'y
 The Middle Lake, Killarney.
 The Colen Bawn, Killarney.
 Muckross Abbey, Killarney.
 Interior of Muckross Abbey.
 O'Sullivan's Cascade, Killarn'y
 The Meeting of the Waters, Killarney.
 Ross Castle, Killarney.
 The Gap of Dunloe, Killarney.
 Ancient Cross, Co. Louth.
 Donegal Place, Belfast.
 The Albert Memorial, Belfast.
 Shane's Castle Antrim.
 The Great Causeway, Giant's Causeway.
 The Honeycomb, Giant's Ca'y.
 The Washing Chair, Giant's Causeway.
 General View of the Giant's Causeway.

The Cathedral, Londonderry.
 Horn Head, Donegal.
 Holy Well of Tubernaltha.
 Rosserk Abbey, Co. Mayo.
 Cong Abbey, Co. Galway.
 The Cliffs of Moher, Co. Clare.
 Askeaton Abbey, Co. Limerick.
 The Treaty Stone, Limerick.

Scotland.

Aberdeen—Panorama.
 " The Harbor.
 " Castle Street.
 " The Queen's Statue
 " Albert Memorial.
 " King's College.
 " Marischal College.
 View in Glenlyon.
 Tam O'Shanter's Inn, High Street, Ayr.
 The Twa Brigs o' Ayr.
 Burns' Monument, Ayr.
 Tam O'Shanter and Souter Johnny, Ayr.
 Alloway Kirk, Ayr.
 Burns' Cottage, Ayr.
 Jolly Beggars' Inn, Mauchline.
 Abbotsford, South Front.
 " Exterior.
 " Interior—The Library.
 Abbotsford—The Drawing-Room.
 Abbotsford—Bust of Sir Walter Scott.
 Melrose Abbey, Exterior Ruins Interior.
 Dryburgh Abbey—Ruins.
 " Tomb of Sir Walter Scott.
 Dryburgh Abbey—St. Catherine's Window.
 Jedburgh Abbey—Ruins.
 Kelso
 Killierankie—The Queen's View.
 Balmoral Castle—Exterior.
 " Interior Ballroom.
 Abergeldie Castle.
 Burns' Mausoleum—Dumfries.
 " House "
 Dunkeld Cathedral.
 Panorama of Edinburgh.
 Dugal Stewart's Monument.
 Edinburgh—Old Town.
 Sir Walter Scott's Monument, Edinburgh.
 Burns' Monument—Edinburgh
 Nelson "
 Holyrood Palace, Exterior.
 " and Chapel.
 John Knox's House Edinburgh
 " Monument, Glasgow.
 Glasgow—Queens Street.
 " Cathedral.
 Highland Mary's Grave, Greenock.
 Bothwell Castle, Haddington.
 Inverness.
 Upper Falls of Foyers.
 Ben Nevis' Mountain.
 Roslin Chapel, Exterior.
 " Prentice Pillar,
 Hawthornden.
 Kilt Rock—Loch Staffin.
 Sterling Castle, Exterior.
 " Interior.

The Bruce Monument.
 Ben Ledi—Mountain.
 Rob Roy's Grave, Balquhiddier.
 Trossachs' Hotel.
 Loch Katrine and Trossachs.
 Rob Roy's Cave.
 Inversnaid Falls, Loch Lomond
 Iona Cathedral, Exterior.
 " Ruins.
 Maclean's Cross.
 Fingal's Cave, Staffa.
 " Interior.

Ancient Abbeys and Cathedrals of Great Britain.

"Every fine Old Cathedral or Abbey is a supreme work of imagination—a poem in stone. It possesses grandeur and beauty for the eye, and it stirs the heart by the historical associations it suggests—Memories of bright virtue and manly fortitude, of regal renown and knightly valor. Great events have distinguished them all, and the ashes of famous statesmen and heroes lie interred within their walls."

Cathedrals.

Beverley Minster—The Choir Interior.
 Beverley Minster—The Nave Interior.
 Beverley Minster—Percy Shrine.
 Beverley Minster—Transept and Towers.
 Canterbury—Exterior.
 " West Towers.
 " From the East.
 " The Baptistry.
 " The Cloisters.
 " The Nave.
 " The Choir.
 " Transept of Martyrdom.
 Canterbury—Chapel of Thomas A. Becket.
 Canterbury—The Warriors Chapel.
 Canterbury—Tomb of Henry IV.
 Canterbury—Tomb of the Black Prince.
 Carlisle—Exterior.
 " The Choir, Interior.
 Durham—Exterior.
 " The Choir, Interior.
 " Nave.
 " Cloisters.
 " Library.
 Ely—Exterior.
 " The Transept, Interior.
 " Nave.
 " Choir.
 " Reredos.
 Exeter—Exterior.
 " West Front.
 " The Choir, Interior.
 " Reredos.
 " Pulpit in the Choir.
 " The Lady Chapel.
 Gloucester—Distant View.
 " West Front and Deanery.
 Gloucester—Cloisters and Palace.

For further lists of Foreign Views see "Detailed Catalogues."

Places of Interest—Foreign. 50 cents each; \$45.00 per hundred.

Glooucester—The Choir.	Elgin—The Choir, Interior.	Palace, St. Claude.
“ “ Reredos.	“ St. Mary’s Aisle.	“ “ Royal.
“ “ Roof of Choir.		“ “ Gardens.
“ “ The Nave.	<i>Abbeys.</i>	“ “ of Justice.
“ “ Lady Chapel.	Boston—Exterior.	Cathedral, Notre Dame, Ex.
“ “ King Edward’s Shrine.	“ “ The Choir, Interior.	“ “ “ In.
Glooucester—The Sedilia.	Byland—Remains of the Transept.	“ “ St. Denis, Exterior.
“ “ Flying Arches in Transept.	Calder—Remains of the Chapter House.	“ “ “ Interior.
Hereford—Exterior.	Calder—Transept.	“ “ Tomb of Dagobert
“ “ The Nave, Exterior	Dryburgh—Exterior.	“ “ “ Louis XII.
“ “ “ Screen.	“ “ St. Catherine’s Window.	Church of Madelane, Exterior.
“ “ “ Reredos.	Dryburgh—Tomb of Sir Walter Scott.	“ “ “ Interior.
“ “ Lady Chapel.	Fenchale—West Front.	“ “ of the Pantheon, Ex.
“ “ The Transept.	“ “ South Transept.	“ “ “ In.
Lichfield—Exterior.	“ “ Window in Chancel Aisle.	“ “ of St. Etienne du Mont, Exterior.
“ “ The Choir, exterior	Fountains—From Robin Hood’s Well.	Church of St. Etienne du Mont, Interior.
“ “ “ Nave.	Fountains—Lady Chapel.	Church of Trinite du Mont, ex.
“ “ “ Transept.	“ “ The Nave.	“ “ “ “ in.
“ “ “ Baptismal Font	“ “ “ Transept.	“ “ of St. Germain, l’Auxerrois, Exterior.
Lincoln—Exterior.	“ “ “ Chapter H’s.	Church of St. Germain l’Auxerrois, Interior.
“ Interior.	Furness—Exterior.	“ “ St. Vincent de Paul.
St. Pauls—See List of London Views.	“ “ The Transept.	“ “ “ Augustine.
Peterborough—Exterior.	“ “ “ Sedilia.	“ “ “ Laurent.
“ “ The Nave, In.	“ “ The Chapter House.	“ “ “ Sulpice.
“ “ “ Choir.	Westminster—See List of London Views.	“ “ “ Eustache.
“ “ “ Aisle.	Tintern—Exterior West Front.	Triumphal Arch, de l’Etoile.
“ “ Lady Chapel.	“ “ The Refectory.	Sculpture on Arch de l’Etoile—The Departure.
Ripon—Exterior.	“ “ “ The Nave, In.	Sculpture on Arch de l’Etoile—Glory
Rochester “ Interior.	“ “ “ Transept.	Sculpture on Arch de l’Etoile—War.
Salisbury—Exterior.	“ “ “ Arches in Nave.	Sculpture on Arch de l’Etoile—Peace.
“ “ Chapter House.	“ “ “ Choir.	Triumphal Arch, du Carrousel
“ “ The Choir, interior.	Meirose—See List of Scotch Views.	“ “ “ St. Denis.
“ “ “ Reredos.	Lincluden—West Door & Chancel.	“ “ “ Martin.
“ “ Lady Chapel.	Lincluden—Interior.	Column in the Place Vendome.
Wells—Exterior.	“ “ “ Arches in Nave.	“ “ “ in Ruins.
“ “ West Front.	Jedburgh—From the Churchyard.	“ “ “ in the Place de la Bastille.
“ “ Chapel House.	Jedburgh—West Front.	Obelisk from Luxor, Place de la Concorde.
“ “ Gateway and Tower.	“ “ The Nave, Interior.	Place de la Concorde.
“ “ The Choir, Interior.	“ “ “ Arches in the Nave	“ “ des Victories.
“ “ “ Nave.	Muckcross—Exterior.	Champs Elysees.
“ “ Lady Chapel.	“ “ “ Remains of Refectory.	Rue Rivoli.
“ “ The Cloisters.	Muckcross—East Window.	“ “ Royale
“ “ South Aisle.	Stoneleigh—Exterior.	Boulevard des Italiens.
Winchester—Exterior, West Front.	Kelso “ “ from N. E.	“ “ de Strasbourg.
Winchester—The Nave, In.	Rievaulx—Remains of Transept	“ “ Sebastopol.
“ “ “ Choir.	“ “ The Choir.	Grand Opera House, Facade.
“ “ “ North Aisle.	Kirkstall—General View.	Hotel des Invalides.
Worcester—Exterior.		“ “ Chapel.
“ “ Tower and Cloisters.		“ “ High Altar.
Worcester—The Nave, interior		“ “ Tomb of Napoleon I.
“ “ “ Choir.		Hotel de Ville (City Hall.)
“ “ “ Reredos.		Swimming Baths, on the Seine
“ “ Lady Chapel.		The Flower Market.
“ “ Arthurs’ Chapel.		Equestrian Statue, Louis XIV.
“ “ Stone Pulpit.		“ “ “ Henry IV.
“ “ The Crypt.		The Bourse (Stock Exchange).
Yorkminster—Exterior, West Front.		The Mint.
Yorkminster—The Nave, In.		Fountain in Place de la Concorde.
“ “ “ Choir.		The Pont Neuf.
“ “ “ Stone Scr’n.		The Grand Hotel.
“ “ “ Chap. H’s.		“ “ “ Dining Sal’n.
“ “ “ Five Sisters		Tower of St. Jacques, b’t 1508.
Iona—Ruins.		Statue of Napoleon III.
Glasgow—Exterior and In.		“ “ Marshal Ney.
Dunblane—Exterior, West Front.		Statue of Venus de Milo.
Dunblane—The Choir, interior		“ “ 3 Graces, by Canora.
St. Andrews—Exterior, West Front.		The National Institute.
St. Andrews—St. Regulas T’wr		Museum of Louvre, Egyp’n Hall
Elgin—Exterior.		
“ “ Transept & West T’wrs		

For further lists of Foreign Views see “Detailed Catalogues.”

Places of Interest—Foreign. 50 cents each; \$45.00 per hundred.

Museum of the Louvre—Assyrian Hall.	Chateau de Pierrefonds, Ex. In.	Mount Rosa.
Museum of the Louvre—Hall of the Emperors.	“ Maintenon.	Glacier of the Rhone.
Museum of the Louvre—Hall of Venus de Milo.	“ Chambord.	The Valley of Grindelwald.
Museum of the Louvre—Hall of Diana.	“ Blois.	Pass of St. Gothard.
Museum of the Louvre—Hall of the Gladiator.	“ D’Amboise.	The Devil’s Bridge.
Museum of the Louvre—Antique Statuary.	Tours—Panorama of the City. The Cathedral.	“ Spugen Pass.
Railway Station, Strasb’rg R. R.	Nismes—General View.	Pass of the Via Mala.
“ “ Western “	“ Temple of Diana.	Basle.
National Military School.	The River Rhine.	Lake Geneva.
Exposition of 1875—Main Bldg	Baden, Panorama.	“ Lucerne.
“ “ Trocadero	Heidelberg, Panorama.	“ Thun.
Palace.	“ The Chateau.	“ Brientz.
Exposition of 1873—The Street of Nations.	“ Bridge.	“ Constance.
Exposition of 1873—Interiors.	Frankfort, on the Main.	“ Zurich.
Interior of Synagogue.	“ Ancient Mouses.	Germany, Etc.
Imperial Library.	“ Gutenberg Monument.	Berlin—Panorama.
Academy of Fine Arts.	Mayence, General View. Cathedral.	“ Royal Palace, Exterior
	“ Statue of Gutenberg	“ “ Ball Room
	Bingen, The Mouse Tower.	“ “ Throne “
	Ehrenfels, Castle,	“ “ White Hl
	Rheinstein, General View.	“ “ Em. Office
	Bacharach, Ruins of Abbey.	“ Palace of Prince Imp
	Ffalz, Chateau.	“ Cathedral.
	Gutenfels.	“ French Church.
	Obenwesel.	“ Theatre.
	Rheinfels.	“ Arsenal.
	St. Goar.	“ National Monument.
	Boppart.	“ Museum, Exterior.
	Andernach.	“ Gallery of Antiques.
	Stolzenfels, Chateau.	“ The Brandenburg G’t
	Coblentz, view of the City.	“ Under the Lindens.
	Ehrenbreitstein Castle.	“ Statue of Elector Fred.
	Drachenfels, Ruins.	“ “ Frederick the
	Cologne, Panorama.	“ Great.
	“ Cathedral.	“ Statue of Frederick
	Rudesheim.	“ William III.
	Ems.	“ Statue of the Amazon.
	Schaffhausen.	Potsdam—The Old Palace.
		“ “ New Palace.
		“ Palace of Sans Souci
		Charlottenberg—Royal Mausoleum.
		Dresden—Panorama.
		“ Church of Notre Dame
		“ Theatre.
		“ Pavilion of the Zwin-
		ger.
		Prague—Panorama.
		“ Hotel de Ville.
		“ The Old Bridge.
		Nuremberg—Panorama.
		“ Antique Build’igs.
		“ House of A. Durer
		“ Statue “
		Munich—Panorama.
		“ Royal Palace.
		“ Museum of Sculpture
		“ “ “ Painting.
		“ The Gate of Victory.
		“ Statue of Bavaria,
		(66 feet high.)
		Vienna—Panorama.
		“ Imperial Palace.
		“ Cathedral of St. Stp’n.
		“ The Belvidere.
		“ Statue of Theseus, by
		Canova.
		“ Tomb of Marie Chris-
		tine, by Canova.
		“ The Opera House.
		“ Arsenal.
		“ Statue of Joseph II
		Ratisbon.
		The Walhalla.
		Stuttgart—Palace.
		“ Statue of Schiller.
		Hamburg—Panorama.
		Hombourg—“ Kursaal.
		Mont Cervia.

For further lists of Foreign Views see “Detailed Catalogues.”

Places of Interest—Foreign. 50 cents each; \$45.00 per hundred.

Rome.	Fountain of the Place of St. Peters.	Florence—The Rape of the Sabinés.
Panorama from St. Peters.	“ “ Mount Pincio.	“ Hercules Killing the Centaur.
“ “ Monte Pincio.	The Farnese Palace.	“ Statue of Perseus.
“ “ The Capitol.	“ “ Borghese.	“ “ Nlobe.
St. Peters, Exterior.	Ruins of the Temple of Jupiter	“ “ Bacchus.
Int. “ Gen. View.	“ “ “ “ Concord	View of Leghorn.
“ “ High Altar.	Forum of Trajan.	Naples—General View of the Gulf.
“ “ Tomb of Gregory XIII.	View of the Roman Forum.	Naples—Panorama of the City.
“ “ Clemens XIII.	Forum of Nerva.	“ Fort St. Elmo.
Statue of Charlemagne.	Basilica of Constantine.	“ Chateau of Queen.
“ Moses, by Michael Angelo.	Baths of Caracalla.	“ The Royal Palace.
The Genius of Death, by Canova	Rock and Temple of Sibyl,	Gulf of Naples and Mt. Vesuvius.
Chair of St. Peter.	Grand Cascade of Terni.	View of Mt. Vesuvius.
Church of St. John Lateran.	Villa Medici.	Gulf of Naples from the cone of Mt. Vesuvius.
Interior “ “	View from the Palatine.	Mountain of Lava.—Vesuvius.
Church of St. Mary Maggiore.	Column of Trojan.	Eruption of Mt. Vesuvius.
“ “ the Pantheon.		Crater “ “
St. Pauls Without the Walls, Exterior.	Italy.	Pompeii—Gate of the Marine.
“ “ Without the Walls, Interior.	Venice—Panorama.	“ Temple of Venus.
View of the River Tiber.	“ The Ducal Palace.	“ Colonnade of the Temple.
Castle of St. Angelo.	“ St. Mark's Church.	“ The Basilica.
Bridge “ “ and Castle.	“ The Doors of St. Marks	“ Colonnade of the Forum.
General View of the Coliseum.	“ “ Giant's Stairway.	“ Panorama of the Forum.
Interior of the “	“ Bridge of Sighs.	“ Temple of Jupiter.
Portion of the “	“ The Rialto.	“ Street of Plenty.
Arch of Constantine.	“ “ Grand Canal.	“ Temple of Isis.
“ Titus.	“ Column of the Lion of St. Mark.	“ Ruins of the Tragie Theatre.
“ Septimius Severus.	“ St. George's Island.	“ Odeon Theatre, Ex. In.
“ Drusus.	“ La Ca doro Palace.	“ Amphitheatre.
“ Janus.	“ Foscari “	“ Triumphal Arch.
“ Constantine and the Coliseum.	“ Vendramin “	“ Temple of Fortune.
The Campagna.	“ The Arsenal.	“ Arch of Jupiter.
“ Apian Way.	“ Church de la Salute.	“ Road of the Tombs.
Tomb of Cecilia Metella.	Verona—General View.	“ House of the Pawn.
The Obelisk of St. Peters.	“ The Arena.	“ “ Musicians
“ “ “ St. Mary Maggiore.	“ “ Cathedral.	“ Gladiator's Quarters
“ “ of the Place of the People.	Milan—R. R. Station.	“ General View of the Ruins.
Place of the People.	“ Panorama.	Palermo—Panorama.
Temple of Peace.	“ Arch of the Simplon.	“ The Cathedral.
“ Vesta.	“ The Cathedral, exterior	“ Archbishop's Palace.
“ Fortune.	“ “ interior.	Messina—Panorama.
“ Venus and Peace.	“ Dome of the Cathedral.	“ Harbor.
Place of the Vatican.	“ Front of the Cathedral.	“ The Cathedral.
Gardens of the Vatican.	“ Statue of Eve.	
“ “ “ Interior.	“ Bronze Statue of Napoleon.	Belgium.
The Gallery of Maps.	Lake Maggiore, at Locarno.	Brussels—Panorama.
Entrance to the Vatican Museum.	“ Fisherman's Is.	“ Hotel de Ville.
Statue of the Laocoon.	“ Isola Bella.	“ Royal Palace.
“ Diana.	View of Lake Lugano.	“ St. Gudule Church.
“ the Nile.	Statue of Wm. Tell, Lugano.	Antwerp—The Cathedral.
“ Perseus, by Canova.	General View of Lake Como.	“ Interior of Cathedr'l
“ the Faun.	Turin—Panorama.	“ Battlefield of Waterloo.
“ “ Dancing Girl.	“ The Cathedral.	Panorama of Spa.
“ Augustus Cæsar.	Genoa—General View.	“ Liege.
“ the Athlete.	“ The Harbor.	Liege—Statue of Charlemagne.
“ Mercury.	“ Dorla Palace.	Aix-la-Chapelle—Panorama.
“ Torsos of the Belvidere	“ Statue of Christopher Columbus.	Malines—The Cathedral.
“ Apollo Belvidere.	Pisa—Panorama.	“ “ Interior.
“ Bacchus.	“ The Leaning Tower.	Bruges—Hotel-de-Ville.
Hall of the Greek Cross.	“ “ Cathedral, Exterior.	“ Notre Dame, interior.
The Capitol.	“ Baptistry and Cathedral.	“ The Befry.
Front of the Capitol.	“ Interior of Cathedral.	
Statue of Marcus Aurelius, at the Capitol.	“ Campo Santo.	Holland.
“ Dying Gladiator.	Florence—Panorama.	Rotterdam—Grand Canal.
“ Juno.	“ Pitti Palace.	Panorama of Arnheim.
“ Adonis.	“ View of the Old Palace.	Lake Arnheim.
Pauline Fountain.	“ The Baptistery.	Hague—Grand Canal.
Fountain of the Termini.	“ Statue of Dante.	
“ “ Trevi.	“ Tomb of Julien de Medici, by Mich. Angelo.	
	“ Statue of Venus, by Canova.	

For further lists of Foreign Views see “Detailed Catalogues,”

Places of Interest—Foreign. 50 cents each; \$45.00 per hundred.

Temple of Sethi I.—Entrance.
Temple of Sethi I.—Hall of Columns.
Temple of Sethi I.—Roof Construction.
Temple of Sethi I.—Tablet of the Kings.
Old and New Structures at Abydos.

Alexandria.

Moonlight on the Mediterranean
Alexandria from the Steamer.
Port of Alexandria.
Custom House Quay.
Galley Prisoners.
Ras-El-Tin Palace and the Light House.
Among the Bazaars.
Grand Square.
Statue of Mohammed Ali.
Arab Beggars.
An Alexandrian Home.
Muselman Cemetery.
Pompey's Pillar.
Cleopatra's Needle.
Mosque of El Gabarri.
Irrigating Sakyeh.
Arab Farm.
Ancient Roman Bath.
Mahmoudieh Canal—Ferryboat
Sugar-Cane Boat on the Canal.
Arab Quarter.
European and American Quarter
Protestant Cemetery.
Khedive's Yacht.

Assiout.

Panorama.
Harbor.
Camel Market.
Tomb—Stabl Antar.
St. John's Cell.
Egyptian Cemetery and Oasis.
The Desert from the Tombs.

Assouan.

Panorama.
Harbor.
Elephantine Island.
Statue of Men-Ephta.
Ptolemaic Temple.
Quarry of Syene.
Unfinished Obelisk.
Old Watch Tower.
Old Roman Wall.
First Cataract of the Nile.
Rapids—First Cataract of Nile.
Natives Shooting the Rapids.

Bab-El-Malouk.

Tomb of Rameses III.
Sarcophagus of Rameses III.
Tomb of Sethi I.—Harpist's Chamber.
Tomb of Sethi I.—Scaribee
Tomb of Sethi I.—A Corner.
Tomb of Sethi I.—Decapitation Scene.
Overlooking Bab-El-Malouk.

Cairo.

From the Citadel.
Colonnade, Mosque of Mohammed Ali.

Ablution Fountain and Clock-Tower.
Mosque of Mohammed Ali (where the Koran is read), Interior.
Tomb of Mohammed Ali.
Mosque of Mohammed Ali—Exterior.
Mosque of Gama-El-Zaher.
Gate of the Citadel.
Citadel of Cairo—General View
Mosque of Sultan Hassan, Ext.
Arabic Doorway—Mosque of Sultan Hassan.
Arab Priest Reading the Koran.
New and Old Mosques of Sultan Hassan.
Mosque of Abou Harribe.
Mosque and Tomb of Zaidezena.
Mosque of Keit Bey.
Mosque of Emir Akhor.
Statue of Ibraheem Pasha.
Latticed Windows.
Modern Arabic Bazaars.
American Mission Houses.
American Mission School.
Tomb of the Kings.
Tomb of the Mamelooks.
Tombs of the Caliphs.
Palace of Ghezireh.
Modern Arabic Palace, Exterior
Modern Arabic Palace, Smoking Room.
Modern Arabic Palace, Inlaid Door.
Modern Arabic Palace, Latticed Balcony.
Modern Arabic Palace, Bronze Door.
Schubra.
Fountain of Valide.
A Draw-Well.
Street Scene.
Kasr-En-Nil Bridge.

Boulak.

From the Kasr-En-Nil
Tomb of Mariette Pacha.
Museum—Entrance.
“ Vestibule.
“ Middle Hall.
Head of Statue of Menephtah.
Thotmes III. as Sphinx.
Engraved Stone and Painted Wood Mummy Cases.
Unfinished Statue.
Black Sphinx Hykshos.
Osiris, Hathor and Isis.
Saloon of the Ancient Empire.
Interior of Mummy Cases and the Scribe.
Statue of King Chefron.
Statue of Ra-Nefer.
Married Couple—Ra Hotep and the Lady Nefert
Wooden Statue of Sheykh-El-Beled.
Antique Wood Carving from Sakkarah.
Case of Curios—Tools, Eggs, Furniture, Nuts, Fruit, etc.
Case of Pottery.
Stela of Hatason.
Cleopatra in Costume of Isis.
Cleopatra as Queen.
Gold-Faced Mummy Case.

Mummies of the Kings.
Mummy of High Priest.
Mummy Head of Pinotem.
A Royal Mummy Head—King.
A Royal Mummy Head—Queen
Papyrus Plate.

Nubia.

Temple of Dabod.
Nubian Water Vessels.
Gertasse—The Temple
Kalabshesh—The Temple.
Kalabshesh—Wall Writings.
Dendoor—Temple (Full).
Kirscheh—Temple.
The Nile at Kirscheh.
Dakkeh—The Temple.
Maharrakah—The Temple.
A Sakkiyeh at Maharrakah.
Wady Saboohah—Temple.
Korosko—Stores of the Desert.
Korosko—A Caravan Village.
The “ Mecca ” Palanquin.
A Nile Sakkiyeh.
Irrigating Ditches.
Watch Tower and Irrigated Fields
A'Mada—The Temple.
Desert of the Nile.
Derr—Temple.
The Dahabieh “ Sesostris ”—Full Sail.
The “Sesostris”—Furling Sail
The “Sesostris”—“In Tow.”
The Dahabieh Sesostris—Cabin.
Deck of the Dahabieh Sesostris.
The “ Saidieh ”— Docked at Ibream.
Ruined Roman Church—Ibream
Ruined Castle—Ibream.
Temple at Kardassy.
Wady Halfa.
Second Cataract of the Nile.
Rapids—Second Cataract of the Nile.
Nubian Donkey Group.

Abou Smbel.

Great Temple.
Colossal Figure.
Group of Ten Travellers in the lap of Figure.
Inscription and Figures at right of Doorway.
Interior 1st Chamber Great Temple.
Profile of Osiris.
Entrance to the Sanctuary.
Inner Sanctuary.
Wall Inscription.
Small Temple Facade.
Entrance to the Small Temple.
Temples from the Nile.

Philæ.

View of the Island.
Ruins of Philæ.
Pharaoh's Bed.
Pharaoh's Bed — “The Grape Capital.”
Pharaoh's Bed—Interior.
East Colonnade—each Capitol different and some unfinished
West Colonnade.
Colonnade and Obelisks.
Ptolemaic Land Grant Stone.
Temple of Isis.

For further lists of Foreign Views see “Detailed Catalogues,”

Places of Interest—Foreign. 50 cents each ; \$45.00 per hundred.

Copy of the Rosetta Stone.
The Resurrection of Osiris.
Crossing the Styx.
Ruins of a Christian Church.
Broken Sphynx and Obelisk.

The Pyramids.

Avenue of Palms.
Avenue of Acacias.
Great Pyramid and Sphynx.
Pyramid of Cephren.
" " Cheops.
Looking up the Pyramid of Cheops.
Climbing the Pyramid of Cheops
Group on the Summit of Cheops
Pyramid of Cheops—Lateral View.
Pyramid of Cheops—Entrance.
The King's Chamber—Pyramid of Cheops with the coffer.
Pyramids of Cephren and Menchere.
The three Small Pyramids.
Ruined Temple and Pyramid of Cephren.
Travellers halting on Camels at the Sphynx.
The Sphynx and Pyramid of Menchere.
Sphynx—Front.
Sphynx—Side.
Sphynx—Rear.
Sphynx—Tomb and Pyramid of Cheops.
Kafir (Bedouin) Village.
Pyramids of Gizeh.
Pyramid of Sakkarah.

Temple of Denderah

General View.
The Pylon.
Facade.
Hall of Columns.
Zodiac Ceiling.
Funeral Chamber.
South Wall.
Small Temple of O-iris.
Plan of Temple.

Temple of Edfou.

Grand Facade New Year Chapel Pylon.
Hypostyl Hall.
The Shrine.
Processional Stairway.
Outer and Inner Walls.
Construction Plan, Interior from the roof.
Edfou from the Temple Wall.

Thebes.

Borders of Thebes.
Temple of Koorneh.
Plan of the Ruins.
View of the Temple.
Plan of the Temple.
The Ramesseum.
Broken Statue of Rameses.
Colossi of Thebes—Face.
Colossi of Thebes—Back.
Southern Colossus.
Vocal Memnon.
Plain of Thebes.

Karnak.

Map of the Ruins.
Avenue of Sphynxes.
Portal of the Temple.
Open Area and Single Column.
Hall of Columns.
Fallen Column.
Details of Capital.
Columns and Obelisks.
Grand Hall and Obelisks.
Fallen and Great Obelisks.
Reversed Capitals and Cornice.
Karnak from the South.
Karnak and the Lake.
The Two Standing Obelisks.
Hypostyle Hall.
Central Avenue.
Great Statues.

Medinet Abou.

General View.
The Palace Court.
First Court (Temple of Rameses III.)
Sculpture (Battle with the Syrians.)
Palace of the King (Round and Square Columns).
Broken Column (Temple of Rameses III.)
Court of Cariatides.

Luxor.

Luxor from the Thebian Plain.
Luxor and the Nile.
Temple—Colonnade.
Temple—Pylon.
Obelisk and Pylon.
Protestant Mission School.

Sinai Peninsula and Arabia.

Suez to Mount Sinai.

Suez Canal.
Panorama of Suez.
"The Street called Straight"—Suez.
Junction of the Suez Canal and the Red Sea.
Quarantine Quarters — Suez Canal.
Red Sea Ferryboat.
Egyptian Quarantine Camp.
Port Said.
Ismailia.
Well of Moses
Desert Caravan.
Wells of Elim.
Hills about Elim.
Egyptian Temple Ruins — Wady Keneh.
Rock of Moses.
Garden in Wady Feiran.
Gum-Arabic Tree.
Shittim-Wood Tree.
"The Mountain of Moses."
The Amalekite Battlefield.
Ruined Stone Houses.
Caves of the Anchorites.
Arab gathering Manna.
The Mount Sinai Range.
"Pass of the Wind," near Sinai
Fountain in Nubk Hawa.
Nawami (Rock) House and Bedouin Camp.
Camp at Mount Sinai.

Convent of St Katherine.
Garden—Convent of St. Katherine.
Visitors being hoisted up the Wall of the Convent.
Entrance Gate, Convent of St. Katherine.
Group of Monks.
Manuscript page of the "Tischendorf" *Codex Sinaiticus*, John I.
Ancient Manuscript of the New Testament—Title-page and Portrait of St John.
Ancient Manuscript of the New Testament—Chapter I. of the Gospel and Portrait of St. Matthew.
Mosque and Church of the Convent.
Interior, Greek Church.
The Convent Court with Church and Campanile.
Plain of Er-Raha.
Skull of St. Stephen.
Exit Gate of the Convent.
Fountain of Moses.
Chapel of the Virgin, Exterior—Mt Sinai
Chapel of the Virgin, Interior—Mt. Sinai.
The "Shrive" Gate and Steps of Mt. Sinai.
Second Gateway, Mt. Sinai.
The Good Well, Mt. Sinai.
Chapels of Elijah and Elisha.
Chapels of Elijah and Elisha—Interior.
Chapel and Mosque, Summit of Jebel Moosa.
Cave of Moses.
Jebel Katareena.
Ras Sufsafeh.
Jethro's Well.
Bedouin Shepherd-boy.
Date and Almond Trees.
Wady-esh-Sheikh.
Ras Sufsafeh, from Er-Raha.
"The Hill of the Golden Calf."
Sinai Valley and Convent.

Mount Sinai to Akabah.

Sinai Valley.
Hazereth.
Gates of Wady El-Ain.
Pass in Wady El-Ain.
Gulf of Akabah.
Oasis by the Gulf of Akabah.
Castle of Kuriyeh.
Site of Ezion-Geber.
Village of Akabah.
Bedouin Judge.

Akabah to Petra.

Wady Arabah.
Wall of Defence.
Pass through Wady El Ithm.
Ruins and Rock of El Guerrah.
Sphynx of El Guerrah.
Moorish Pilgrims en route for Mecca at the Well of Humeiyumeh.
Rock-House and Pictured rocks at Humeiyumeh.
Wady Humeiyumeh.
Panorama of Petra.
Jebel Haroun—Mt. Hor.

For further lists of Foreign Views see "Detailed Catalogues,"

Places of Interest—Foreign. 50 cents each; \$45.00 per hundred.

Ancient Edom and an Ancient Village.
 Pool and Ruins of Ain-El-Raga.
 Necropolis of Petra.
 Tomb of the Four Pyramids.
 Petra Bedouin Guard.
 Bntressed Arch—Gorge of Sik.
 The Kiseh, at Petra.
 Group of Rock Temples—Petra
 The Petra Theatre.
 Chief of the Petra Bedouin and Staff.
 Camp at Petra.
 Temple of the Urn with Arched Terrace.
 Tombs, Temples and Cliffs.
 The Corinthian Structure.
 The Kasr Faroun and Broken Columns.
 Temples of Nature and Edom.
 Rock Stairway and Pulpit.
 Pyramid and Ruined Fortress on the highest cliff.
 Sacrificial Altar of Baal.
 Ravine of the Deir.
 Rock Temple near the Deir.
 The Deir.
 Mt. Hor from the Deir.
 A Partly Finished Rock Temple showing the mode of construction (beginning at the top and working downwards.
Petra to Palestine.
 Ain-El Weibeh.
 Grave of Miriam.
 Mountains on Borders of Caanan
 An Oasis in the Arabian Desert.
 Departure of Caravan from Arabia to Palestine.
 Camp of the Tiyahah Bedouin.
 Loading a Camel for the March.
 Village of Dhoheriyeh.
Egyptian Life.
 Travelling in the Desert.
 Camel Drivers.
 Arabian Coffee House.
 Dahabieh Captains
 Galley Cooks.
 Arabian Dancers.
 Bottle Raft on the Nile.
 Rope Maker.
 Cloth Trader.
 Tailor.
 Tobacco-Pipe Dealer.
 Butcher.
 Grocer.
 Coppersmith.
 Cook.
 Sack Dealer.
 Tinman.
 Bread Market.
 Perfumer.
 Water Carriers.
 Confectioner.
 Slave Market.
 Egyptian Feast.
 Egyptian Girl.
 Arab Girl.
 A Potter at his Wheel.
 Female Dancer.
 Bedouin Woman.
 Bedouin Children.
 Nubian Women.
 Nubian Girl.

Nubian Curly Heads.
 Nubian Habit Seller.
 Nubian Children.
 Nubian Dragoman.
 Alle-Hanna and his Feet.
 His Feet and Alle-Hanna.
 Arab Pilots.
 Egyptian Woman and Child.
 Cairene Funeral Procession.
 Egyptian Lady—Veiled.
 Egyptian Lady—Unveiled.
 Arabian Horse "Dervish" and his Saia.
 Egyptian Dwarf and Giant.
 Lemonade Merchant.
 The Prize Beggar—Fore.
 The Prize Beggar—Aft.
 Cairo Canines and Smithy.
 Money Changer.
 Arab Group.
 Watchman.
 Eight Donkeys and Drivers.
 Sheep Market.
 Plow and Team.

Holy Land.

Joppa—General View.
 " House of Simon, the Tanner.
 Ramleh—Mosque of the Forty Martyrs.
 The Dead Sea.
 Convent of Mar Saba.
 The Pilgrims' Bathing Place.
 Ruins of Jericho.
 Fountain of Elisha.
 House of Zachheus.
 Mount Quarantana.
 Bethel.
 Shiloh.
 Grave of Deborah.
 Nablus, Jacob's Well.
 Joseph's Tomb.
 Mount Ebal.
 Mount Gerizim.
 Jacob's Tower.
 Samaria Ruins.
 " Church of St. John.
 Samaritan Women.
 " Priest.
 Group of Lepers.
 Jenin.
 Mount Gilboa.
 Dothan.
 Ain Jalud.
 Fountain of Jezreel.
 Shunem.
 Nain.
 Zerim.
 Mount Tabor.
 Endor.
 Tiberias.
 " Interior—Jewish Synagogue.
 Sea of Galilee.
 Magdala.
 Capernaum.
 Bethsaida.
 Dan, Tel el-Kadi.
 Fountain of Dan.
 Cæsarea Philippi.
 Cæsarea Philippi—The Castle.
 Cæsarea Philippi—Shrines.
 Mount Hermon.
 Druze Plowman and Team.
 Druze Shepherd with a Lamb.
 Valley of Zahleh.
 Mount Carmel.
 " " Convent.

Tyre, General View.
 " Ruins.
 Map of Palestine.

Jerusalem.

Joppa Gate.
 Golden Gate.
 Damascus Gate.
 St. Stephen's Gate.
 Zion
 Herod's " "
 Street View.
 Kahn, or Inn.
 Wood Market.
 Tower of Hippicus.
 Christian Quarter.
 Jewish " "
 Pool of Hezekiah.
 Protestant Church.
 Church of the Holy Sepulchre.
 Interior, Church of the Holy Sepulchre.
 Mosque of Omar,
 " " Interior.
 " " The Garden.
 Judgment Seat of David.
 The Via Dolorosa.
 Arch of Ecce Homo.
 Pool of Bethesda.
 Cenaclem—room of the Last Supper.
 House of Caiaphas.
 Jews Wailing Place.
 Robinson's Arch.
 Dome of the Rock—Exterior.
 Dome of the Rock—Interior.
 Saracenic Pulpit.
 The Temple Area.
 Mosque of El-Aksa—Exterior.
 Mosque of El-Aksa—Interior.
 Saracenic Fountain.
 Gate of the Chain.
 Tombs of the Kings.
 Moslem Cemetery.
 Mount of Olives.
 Garden of Gethsemane.
 Grotto of Jeremiah.
 Mosque of the Ascension.
 Valley of Jehoshaphat.
 Hill of Scopus.
 Upper Pool of Gihon.
 Lower Pool of Gihon.
 Lepers' Quarters.
 Valley of Hinnom.
 Hill of Evil Counsel.
 Potters Field.
 The Kidron Valley.
 En Rogel.
 Siloam.
 Isaiah's Tree.
 Tomb of Absalom.
 " Zacharias.
 " St. James.
 Mount Moriah.
 Chapel of the Virgin.
 Canova's Agony.
 Virgins' Well.
 Calvary.
 Tomb of David.
 Panorama of the City.
 Map of the City.
 Jerusalem Jew.
 Oriental Thrashing Floor.
Bethany.
 Panorama.
 The Hills.
 House of Mary and Martha.

For further lists of Foreign Views see "Detailed Catalogues."

Places of Interest—Foreign. 50 cents each ; \$45.00 per hundred.

Tomb of Lazarus.
Women of Bethany.

Bethlehem.

Tomb of Rachel.
The Town from the Church of the Nativity.
Church of the Nativity.
The Stairway—descent to the reputed birth-place of Jesus.
The Convent.
The Fields of the Shepherds' Watch.

Balbec.

The Acropolis—General View.
The Great Columns.
Temple of Jupiter.
Temple and Mosque.
Keystone Gateway of the Temple.
Interior of the Temple.
The Leaning Column.
Entrance Temple of Jupiter.
Propylea of the Acropolis.
Hexagonal Court of the Acropolis.
Circular Chamber in the Acropolis.
Temple of the Sun.
Columns of the Temple.
Octagon Temple.
Cyclopean Wall.
Statue of the Sun.
Interior of the old Mosque.
The Circular Temple.

Beyrout.

Music Garden.
Street view and Wall of Flowers
Mrs. Mott's School.
Presbyterian Church.
Dale Memorial Hall—Interior.
Native Students.
Syrian Protestant College.
Panorama.

Damascus.

Olive Orchard.
Scene of St. Paul's Conversion.
Scene of St. Paul's Escape.
Christian Quarters.
A view within the city.
A house on the wall, showing how Paul might be let down in a basket.
Ancient City Wall.
East Gate.
Street called Straight.
Café or Coffee House.
Gate of Peace.
House of Ananias.
A Weaver's Shop.
A Shop and Bazaar.
The City from a house top.
Grand Mosque.
The Minaret of Jesus.
Grand Mosque Gateway.
Interior of the Grand Mosque.
View of old and new city.
Presbyterian Mission School.
A native family at home.
Interior of a Jewish residence.
Interior of Harem of Assad Pasha.
Palace Court Assad Pasha.
House of Stambouli Pasha—the Court.

House of Stambouli Pasha—the Salon.

Hebron.

General View.
Mosque of Abraham.
Wall of Machpelah.
Cave
Abraham's Oak.
Rhamet—El-Khalil.
Mosque of El-Hulhül.
Tower of Beth Zur.
El-Burak, The Castle.
Solomon's Pool—Upper.
Solomon's Pool—Lower.

Nazareth.

Interior of the Church of the Annunciation.
Altar of the Annunciation.
Interior of the Chapel of St. Joseph.
Street View.
The Fountain of the Virgin.
Nazarene Girls.

Palmyra and Baghdad.

General view of The Grand Colonnade.
Entrance to The Grand Colonnade.
Interior of The Grand Colonnade.
Perspective of The Grand Colonnade.
Temple of the Sun.
Temple of Dicletian.
Ruined Temple.
Triumphal Arch.
Tower Tomb of four Stories.
Monolith Columns.
Irrigating Wheel.
Boats made of Twigs.

Baghdad.

Mosque.
Tomb of a Mohammedan Saint.
Mohammedan Cemetery.
City Gate.

India.

Beas Bridge, Delhi Railway.
Sutlej Bridge, Delhi Railway.
Temple at Kurterpoor, Punjab.
Wood Road, Kotree Scind.
Abyssinian Trophies.
Panorama of Darjeeling.
Darjeeling, Himalaya Railway, 2 ft. gauge.
Engine, Himalaya Railway.
Great Temple of Juggernaut.

Cashmere.

Spring Gardens, Atchibul.
Nishat Bag.
Poplar Avenue, Sreennggur containing 1700 trees and more than one mile long.
The Fort from the top of the Great Mosque.
View on the Jhelum.
View on the Apple Tree Canal.
Natural Arch over the Kut-i-kul Canal.
Old Bridge on the Nallee Mar Canal.

The Shah Humadan Musjeed.
Morning on the Jhelum.
Evening on the Jhelum.
Chunars overhanging the Apple Tree Canal.
Entrance to the Dhul Lake.
Ancient Temple (built B. C.) on the Tukht-I-Suliman.
Ruins of Martund.
State Barge.
Glaciers at Panjturni.
Glaciers at Sonamurg.
Scind River.
The Maharajah's Palace, Sreennggur.
Ancient Temple at Pandretton on the Jhelum.
Chunars in Shallmar Gardens.
Marble Pavilion in Shallmar Gardens.
Zainul's Tomb.
Bridge of Shops, Sreennggur.
The great Mosque, Sreennggur.
Interior of the Cave of Ummer-nath, showing the Bull worshipped by the pilgrims.
Snow Bridge between Panjturni and Ummer-nath.
Mountain Scene between Sheesha Nag and Panjturni.
Bridge at Bijbehara on the Jhelum.
Group of Cashmere Fakirs.
Hurri Purbut, from Nusseeb Bagh.
Old Mosque at Huzritbul.
Entrance to Shallmar Gardens.
Ancient Bridge at Ganderbul.
Visitors' Bungalow.
Native House and Garden on the Kut-i-kul Canal.
Rustic Bridge on the Kut-i-kul Canal.
The late Maharajah Golab Singh's Tomb, Sreennggur.
Old Bridge on the Dhul Canal, built by Akbar.
Bijbehara on the Jhelum.
Scind Valley.
Coolies crossing a rustic Bridge.
Coolies crossing a Bridge of frozen snow.
Native House and Poplars on the Jhelum, Sreennggur.
Group of Cashmere Boatmen and Women.
Nallee Mar Canal.
Kut-i-kul Canal.
Entrance to Spring Gardens, Atchibul.
Marble Pavilion in which the Maharajah's dinners are given at Nishat Bag.
Cashmere Musicians, with their instruments.
Carved Stone Idol at Bij-behara.
City of Sreennggur, from the Great Mosque.
Old Tomb, near that of Zainul Abodeen's, Sreennggur.
Native Grave-yard, Sreennggur.
Mosque with golden roof, adjoining Maharajah's Palace.
Lidur Valley.
Ruins at Avantipur on the Jhelum.
Stone Idol and a Cashmere at Bij-behara.

For further lists of Foreign Views see "Detailed Catalogues,"

Places of Interest—Foreign. 50 cents each ; \$45.00 per hundred.

Lingam at Bij-behara, worshipped by the natives.
 Cargo Boats on the Jhelum.
 Islamabad.
 Native gentleman's House on the Jhelum.
 Rope Bridge, Scind Valley.
 Camel from Ladock.
 Camel from Ladock, without humps.
 Cashmere Girls cleaning rice.
 Cashmere Women cleaning rice.
 Cashmere Women spinning.
 Two Sons of the Maharajah of Cashmere.
 Son of the Maharajah of Cashmere.
 Hill Man belonging to the Maharajah's Army.
 Snake Charmers with their Snakes, Cashmere.
 Small Mosque on the Jhelum.
 Cashmere Boatwomen.
 Congregation of Natives at a Fair.
 Street in Sreenuggur.
 Cashmere Men cleaning rice.
 Native Cottage, Sreenuggur.
 Group of Natives in Scind Valley.
 Stone Idol at Pandretton.

Murree.

View from the Hill.
 View of Bazaar.
 The Church.
 Cashmere Point, with Coolies on the road.
 View of the Barracks.
 Walk in the Forest.
 Natural Arch on the Mall.

Lahore.

Runjeet Singh's Tomb.
 Large Mosque near Tomb.
 Large Tank, Shalimar Gardens.
 Shalimar Gardens.
 Montgomery Hall.
 Marble Pavilion in the Fort Gardens.
 Railway Station.
 Old Tomb.
 Entrance to Shadra Gardens.
 Old Tomb near to that of Runjeet Singh.
 Ancient Mosque.
 Jehanger's Tomb.
 Modern Tomb on the road to Shadra.

Umrtsur.

Golden Temple and Clock Tower.
 Baba-atal Temple and Tank.
 View of the City, with the Golden Temple and large Tank in the foreground.
 View of the City, showing the Clock Tower and a portion of the Temple Tank.
 Entrance to the Golden Temple, Umrtsur.
 Native Houses.
 Street in the City.
 Temple near the entrance to the Golden Temple.
 Railway Station.

Delhi.

City view from the top of the Jumma Musjeed.
 Delhi Gate of the Fort.
 Mosque in Chandi Chouk.
 Lahore Gate.
 Jumma Musjeed. The Great Mosque.
 Marble Mosque, near St. James' Church.
 Stone Elephant in Queen's Gardens.
 Natural Arch in Queen's Gardens.
 Large Arch and Iron Pillar.
 Arches in ruins, near the Kootub Minar.
 Ala-ood-deen's Gateway.
 Driving Well at the Kootub (showing a man on the point of taking the wonderful leap).
 Carved Pillars inside the enclosure near the Kootub Minar.
 Kootub Minar.
 Base Kootub Minar.
 Kootub Minar, showing Balcony and inscriptions.
 Ruins of Hindoo Temple, near Kootub.
 Ruins of Hindoo Observatory.
 Interior Jain Temple.
 Moti Musjid (Pearl Mosque).
 Sufter Jung's Tomb.
 Elephant Creeper in the Queen's Gardens.
 Cashmere Gate.
 The King's Palace.
 The King's Palace, Hall of Audience.
 Interior of King's Palace.
 St. James' Church, Delhi.
 Railway Station.
 Delhi Fort.
 Memorial Cross in St. James' Churchyard.
 Metcalfe House at the Kootub.
 Principal Entrance to the Jumma Musjeed.
 Fort Wall.
 Native Shopkeeper.
 Bullocks and Conveyance.
 Indian Elephant.
 The Chandi Chouk, principal street.
 Altomsh's Tomb.
 Feroze Shah's Pillar.
 Mosque Dinpanah, Old.
 Gateway to " "
 Tomb of Humayun.
 Tomb of Nizam-ud-din-Aulaya.

Delhi Camp Views.

The 105th Regiment waiting for the enemy.
 The 8d Native Goorkhas and Mountain Battery.
 The 32d Punjab Pioneers.
 Camp of the Mountain Battery.
 Camp of the 5th Fusiliers.
 Group of Men, Camels, &c.
 Group of Officers at lunch.
 The 20th Punjab Native Infantry.
 The 72d Highlanders.
 Review of Troops.
 Group of Sikh Officers.
 Spectators at the Review.

Agra.

Tomb of Akbar Secundra.
 Façade. 1st story, Tomb of Akbar Secundra.
 Interior of Entrance Hall leading to Tomb.
 East Gateway leading to Tomb.
 West " " Garden
 Second Story.
 Third Story and Cenotaph.
 Cenotaph.
 South or Main Gateway to Gardens.
 Taj Mahal.
 Taj Mahal, from Gateway showing Gardens.
 Taj Mahal, from River Jumna.
 " " Minarets.
 " " South Façade.
 " " Marble screen surrounding the Cenotaphs.
 Taj Mahal, West Mosque.
 " " and Valley of the Jumna.
 Moti Musjid (Pearl Mosque).
 " " Interior.
 Jumna Musjid (Great Mosque).
 Tomb Itmad-ud-Dowlah.
 Elephant Gate, Agra Fort.
 Palace of Akbar.
 Meettra.

Cawnpore.

Suttee Chowra Ghat (scene of Massacre).
 Exterior view of the Memorial Well.
 The Statue.

Bittoor.

View Fair.
 View on the river (Nana Sahib's home).

Lucknow.

Bird's-eye View.
 The Presidency, showing Sir Henry Lawrence's Tomb.
 The Bailey Guard Gate.
 The outer Gate of the Hoosimabad.
 The inner Gate of the Hoosimabad.
 The Emambara.

Bombay.

Elephanta Caves.
 " " Carvings.
 " " Principal Idols.
 " " Entrance to unfinished Cave.
 Cathedral School.
 High Court.
 University.
 Department of Public Works.
 University and Esplanade.
 University Library.
 " " Clock Tower.

Calcutta.

General Post Office.
 India Museum.
 Mullick's Ghat, Hooghly River.
 Howrah Pontoon Bridge, over Hooghly River.

For further lists of Foreign Views see "Detailed Catalogues,"

Places of Interest—Foreign. 50 cents each; \$45.00 per hundred.

Juggernath Ghat, Hooghly River, Natives bathing.
Native Boats, Hooghly River.
Interior "Compound" Baboo's Home.
Great Banyan Tree, Royal Botanical Gardens.
Avenue of Palms, Royal Botanical Gardens.
Native Bungalow.
Government Buildings.
General View of Calcutta.
High Court and Statue of Sir Cavendish Bentinck.
West Gate to do.
Town Hall.
Burmese Pagoda, Eden Gardens.
Carved Wall, surrounding Pond, Eden Gardens.
Dhurrumtollah Mosque.
Palki (palanquin).
Old Court House Street.
Indian Oil Press.
Bullock Cart.
Ceylon Palm, Royal Botanical Gardens.

Golconda.

Panorama.
Royal Palace.
Tomb of the Kings.
" Kebi-Meriam.
" Kobule.
" Goulab.
" Queen Mirzka.
The Cemetery.
Indian Pagoda.

Native Characters.

Madras Native Soldiers and their Officers.
Group of Bankers, Nautch girls and their servants.
Group of Mahomedan Ladies. Priests and their gods.
Group of Court Natives.
Hindoos and Temple, Benares.
King of Siam in state dress. Formerly a Rajah.
Wife of the ex-Rajah,
Son of the Rajah.
Native Musicians.
Waterman on his Buffalo.
A Waterman.
Drawing Water.
Ploughing.
A Postman.
A Seikh Police.
Seikh Soldiers.
A Washerman or Dobie.
Sweet Sellers with custard apple.
Grinding Scissors.
A Sweeper.
A Lady's Maid.
Table Servant.
A Native on Stretcher going to Hospital.
Palanquin Bearers who carry Europeans.
A Fakir or Priest.
A Parsee Merchant and Family.
Bombay Merchants.
Bengalee Writers, Calcutta.
A Brahmin Writer.
A Lucknow Prince.
A Cawnpore Banker, Brahmin Caste.

A Bengalee Lady.
Nautch Girl dancing.
Hindoo Banker in Allahabad.
Hindoo Banker, Benares.
Hindoo Lady.
Mahomedan Tailor.
Mahomedan Gentleman.
Mahomedan Lady.
Mahomedan Nautch Girl.
Mahomedan Girl smoking her Hookah.

China.

Panorama of Tien-Tsin.
Tea Garden Shang-Hai.
Quay at Canton.
Street in Canton.
Great Wall.
Panorama of Peking.
Temple of Heaven, Peking.
Panorama of Nankin.
Confucian Temple, Nankin.
Porcelain Tower, Nankin.
Ming Tombs.
Cat Sellers.
Rice Sellers.
Punishment of the Bastinadc.
Roadside Inn.
Chinese Merchant.
Panorama of Hong-Kong.
Chinese Pagoda.
Temple of Buddha.
Great Temple at Honan.
Apartment in a Mandarin's House.
Mandarin paying a visit of ceremony.
Marriage Procession.
Feeding Silk-worms.
Itinerant Barber.
Opium Smoker.
Kite Flying.
Chinese Cemetery.

Japan.

Japanese Merchant.
" Woman.
Statue of Buddha.
Cleaning Rice.
Quay and Grand Hotel, Yokohama.
Gau-kiro Hotel, Yokohama.
Chinese Town,
Tokio or Yeddo.

Panorama.
Street Scene.
Bazaar.
North Fort.
Tomb of the Russians.
The Cemetery.
Japanese Temple.

Australia.

Panoramic View, Sydney.
View of the Harbor, Sydney.

Tasmania.

Hobart Town, Panorama.
The Sleeping Maiden, Hobart Town.
Monument to Sir John Franklin, Hobart Town.
Interior of Museum, Hobart Town.

The Huon Road up Mt. Wellington.
Fern Tree Bower, Mt. Wellington.
Cook's Monument at the Bower.
Tasmanian Forest.
Fern Grove.

New Zealand.

Port Chalmers, Harbor of Dunedin.
New Plymouth.
A Pioneer's Farm.
Group of Settlers.
Tree Fern.
Native Vegetation.
Forest Scene.
Maori Girls.
Auckland Harbor.
Tauranga.
Hot Springs.
Tiki-teri.
White Island.
Group of Maories.
"Sugar Loaves," New Plymouth Sea Piece.
Parihaka—Maori Capital.
Wellington.
Auckland from North Shore.
Walwera.

Chatham Islands.

View of Whangaroa Bay.
Wreck of the American Whaler Alabama.
Maunganui (Big Mountain).
Cabin built by the wrecked crew of the Alabama.
Moravian Missionary.
A Squatter and his Family.
House of the Missionary, Maunganui.
A Sheep Ranch, with Native Shepherds.
Picturesque View of Whangaroa.
Old Bill Tennent and his Maori Wife.
Native Maorion.
A Rocky Shore.
A View toward Mt. Dieffenbach.

Sandwich Islands.

Panorama of Honolulu.
King's Palace, "
The Hotel, "
Tropical Scene, "

South Africa.

Cape Town.

Panorama.
Table Bay.
Light-house.
The Docks.
The Lion Head.
Devil's Peak.
Table Mountain.

South Indian Ocean.

Kerguelen Land.
Christmas Harbor, Kerguelen.
Royal Sound, Kerguelen.
Possession Island, Crozet Group
East Island, "
Navigator's Island.

For further lists of Foreign Views see "Detailed Catalogues."

America: or, The Land we Live In.

61 Views, with Lecture, by Rev. C. R. TREAT. \$30.00.

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| 1. San Francisco, Panorama. | 22. Omaha Bridge. | 44. Home of Irving. |
| 2. " Palace Hotel. | 23. Council Bluffs. | 45. New York City, Grand Central Depot. |
| 3. " Seal Rock. | 24. St. Louis, Bridge. | 46. Central Park, the Obelisk. |
| 4. " Chinese Quarter. | 25. " Panorama. | 47. Elevated R. R., Chatham Square. |
| 5. " Joss House, exte'r. | 26. " Oldest House. | 48. City Hall, Panorama. |
| 6. " Joss House, inte'r. | 27. " Levee & Steamboats. | 49. New York Post-office. |
| 7. Sacramento, Panorama. | 28. Chicago, M. S. R. R. depot. | 50. " Broadway. |
| 8. " State Capitol. | 29. " Clark Street. | 51. " Stock Exchange. |
| 9. Yosemite Valley, from Inspiration Point. | 30. " La Salle Street. | 52. " Brooklyn Bridge. |
| 10. Yosemite Valley, Yosemite Falls, 2,634 ft. high. | 31. " Pacific Hotel, interior. | 53. " Sound Steamer. |
| 11. Vernal Falls. | 32. Niagara, General View. | 54. Philadelphia, Independence Hall. |
| 12. Yosemite Valley, Sentinel Rock, 3,270 ft. high. | 33. " View in Winter. | 55. Girard College. |
| 13. Mirror Lake. | 34. Ticonderoga, Ruins of Ft. | 56. Washington, President's House, exterior. |
| 14. Mariposa Grove. | 35. Lake George. | 57. " Interior, East Room. |
| 15. Ogden, Pacific Railroad. | 36. Saratoga, 2nd Union Hotel. | 58. Washington, Capitol. |
| 16. Salt Lake City. | 37. " Congress Spring. | 59. Mount Vernon, Mansion House. |
| 17. " Brigham Young's House. | 38. Boston, State House. | 60. " Washington's Tomb. |
| 18. " Mormon Tabern'cle. | 39. Boston, Old South Church. | 61. Portrait of Washington, by Stuart. |
| 19. " New " Temple. | 40. Boston, Faneuil Hall. | |
| 20. Denver, Colorado. | 41. Newburg, N. Y., Washington's Headquarters. | |
| 21. Omaha. | 42. West Point. | |
| | 43. Scene of André's capture. | |

The History of the United States.

61 Views, with Lecture by Rev. C. R. TREAT. \$30.00.

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| 1. Landing of Columbus. | 22. Putnam's Ride at Horse-neck. | 42. Portrait of Washington Irving; Rise of American Literature. |
| 2. De Soto Discovering the Mississippi. | 23. Naval Combat, Serapis and Bon Homme Richard. | 43. Battle of Resaca de la Palma. |
| 3. Pocahontas Saving Smith's Life. | 24. Capture of André. | 44. Gen. Scott entering Mexico. |
| 4. Landing of the Pilgrims. | 25. Lee's Cavalry at Guilford. | 45. Bombardment of Fort Sumter. |
| 5. Peter Stuyvesant at N. Y. | 26. Surrender of Cornwallis. | 46. Abraham Lincoln. |
| 6. Penn's Treaty with the Indians. | 27. Washington's Inauguration. | 47. Battle of Bull Run. |
| 7. Braddock's Defeat. | 28. Portrait of Washington. | 48. Attack on Fort Donelson. |
| 8. Death of Wolfe, at Quebec. | 29. Mount Vernon. | 49. Monitor and Merrimac. |
| 9. Boston Tea Party. | 30. Washington's First Cabinet. | 50. Battle of Shiloh. |
| 10. Struggle on Concord B'dge. | 31. First Congressional Fracas. | 51. Capture of New Orleans. |
| 11. Capture of Ticonderoga. | 32. Portrait of Gen. Wayne. | 52. Battle of Antietam. |
| 12. Battle of Bunker Hill. | 33. Aaron Burr and Alexander Hamilton. | 53. Siege of Vicksburg. |
| 13. Declaration of Independence. | 34. Com. Decatur at Tripoli. | 54. Battle of Gettysburg. |
| 14. The Old Liberty Bell. | 35. Constitution and Guerrière. | 55. Battle of Lookout Mount'n. |
| 15. Washington Crossing the Delaware. | 36. Death of Lawrence. | 56. Battle of the Wilderness. |
| 16. Portrait of Lafayette. | 37. Battle of New Orleans. | 57. Naval Combat, Kearsarge and Alabama. |
| 17. Battle of Bennington. | 38. Fulton's First Steamboat. | 58. Farragut at Mobile Bay. |
| 18. Surrender of Burgoyne. | 39. First Locomotive. | 59. Sherman's March to the Sea. |
| 19. Prayer at Valley Forge. | 40. Emigration to the Far West. | 60. Surrender of Lee. |
| 20. Specimen of Continental Money. | 41. Portrait of Prof. Morse; invention of the Telegraph. | 61. Liberty Enlightening the World. |
| 21. Moll Pitcher at Monmouth. | | |

New York City.

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| 1. Ocean Steamer. | 18. Elevated Railway and Cooper Institute. | 35. High Bridge Aqueduct. |
| 2. New York, looking South. | 19. New York University. | 36. Elevated Railroad. |
| 3. New York, looking North. | 20. Normal College. | 37. Oyster Market. |
| 4. New York, looking East. | 21. Broadway, from Stewart's. | 38. West Street. |
| 5. New York, looking West. | 22. Fifth Avenue Hotel. | 39. Dust Barge. |
| 6. U. S. Barge Office. | 23. Fifth Avenue. | 40. Canal Barges. |
| 7. Castle Garden. | 24. Florence Flats. | 41. River Steamer. |
| 8. Produce Exchange. | 25. Stewart's Mansion. | 42. River Steamer, interior. |
| 9. Mills' Building. | 26. Union Leagu Club. | 43. Brooklyn Bridge. |
| 10. Wall Street. | 27. Jewish Synagogue. | 44. Brooklyn Bridge Footway. |
| 11. Treasury, and Washington Statue. | 28. St. Patrick's Cathedral. | 45. Fulton Ferry Boat. |
| 12. The Stock Exchange. | 29. Vanderbilt Mansions. | 46. Fulton Ferry House. |
| 13. Post-office. | 30. Columbia College. | 47. Brooklyn Court House and City Hall. |
| 14. Broadw'y, from Post-office. | 31. Central Park, The Mall. | 48. Brooklyn, Greenwood Cemetery. |
| 15. City Hall. | 32. " The Lake. | 49. Morse's Monument. |
| 16. Court House. | 33. " The Terrace. | 50. Soldiers' Monument. |
| 17. The Tombs Prison. | 34. " The Egyptian Obelisk. | |

A Day in London.

60 Views, with Lecture. \$30.00

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| <ol style="list-style-type: none"> 1. A London Omnibus. 2. Hyde Park, the Serpentine. 3. The Albert Memorial. 4. " Sculpture. 5. " " " 6. The Albert Hall. 7. Royal Horticultur^l Garden. <p><i>South Kensington Museum.</i></p> <ol style="list-style-type: none"> 8. Exterior of the Museum. 9. Interior, Trajan's Column. 10. " East Indian Gateway. 11. " The Biga, from Vatican. 12. " Pulpit by Pisano, A.D. 1260. 13. Marble Arch, Hyde Park. 14. Buckingham Palace. 15. House of Parliament, from Lambeth. 16. " House of Lords. 17. " House of Commons. 18. Westminster Hall. | <ol style="list-style-type: none"> 19. Westminster Abbey, ext^r. 20. " The Nave. 21. " Henry VIII.'s Tomb. 22. " Coronation Chair. 23. Lambeth Palace. 24. Thames Embankment. 25. Somerset House. 26. Blackfriar's Bridge. 27. Temple Bar. 28. St. Paul's Cathedral. 29. " The Choir. 30. The Guildhall. 31. " Interior. 32. Royal Exchange. 33. Tower of London. 34. " The Warders. 35. " Horse Armory. 36. " The Traitor's Gate. 37. " The Crown Jewels. 38. The Monument, 1666. 39. Lord Mayor's Mansion House. 40. Holborn Viaduct. | <p><i>Zoological Garden.</i></p> <ol style="list-style-type: none"> 41. Brahmin Bull. 42. Babylonian Lion. 43. Sea Lion. 44. Rhinoceros. 45. African Elephant. 46. Camel. 47. Giraffe. 48. Zebra and Colt. 49. Kangaroo. 50. Hippopotamus, Young and Old. 51. Indian Elephant. 52. Baby Elephants. 53. British Museum, exterior. 54. " Egyptian Room. 55. " Græco-Roman Room. 56. " Mummy Cases, etc. 57. " Skeleton of Mastodon. 58. " of Megatherium. 59. Trafalgar Square. 60. Regent Street. |
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The Sights of London.

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| <ol style="list-style-type: none"> 1. Map, one Mile around St. Paul's. 2. Map, four Miles around St. Paul's. 3. Buckingham Palace. 4. St. James' Palace. 5. House of Parliament, ext^r. 6. " of Lords. 7. " of Commons. 8. Westminster Abbey, ext^r. 9. " The Nave. 10. St. Thomas Hospital. 11. Thames Embankment. 12. Lambeth Palace. 13. Blackfriar's Bridge. 14. London Bridge. 15. The Foreign Office. | <ol style="list-style-type: none"> 16. The Horse Guards. 17. The Admiralty. 18. Trafalgar Square. 19. The National Gallery. 20. Charing Cross Hotel. 21. Somerset House. 22. Old Temple Bar. 23. The Temple Church. 24. St. Paul's Cathedral, ext^r. 25. " Interior. 26. General Post-office. 27. The Guildhall. 28. " Interior. 29. Lord Mayor's Mansion House. 30. The Bank of England. 31. The Royal Exchange. | <ol style="list-style-type: none"> 32. The Monument. 33. The Custom House. 34. The Tower, exterior. 35. " The Crown Jewels. 36. " The Warders. 37. " The Horse Armory. 38. Chelsea Hospital. 39. Royal Horticultur^l Garden. 40. Royal Albert Hall. 41. " Interior. 42. Albert Memorial. 43. " Sculpture, Europe. 44. " " Asia. 45. " " Africa. 46. " " America. 47. Marble Arch, Hyde Park. 48. The British Museum. |
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Westminster Abbey.

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| <ol style="list-style-type: none"> 1. The Abbey, from the West. 2. " from the North. 3. North Transept, and Porch. 4. Henry VII.'s Chapel, from East. 5. The Nave. 6. Monument to Hon. Chas. James Fox. 7. The Pulpit. 8. The Choir Screen. 9. The Choir, looking East. 10. The Reredos. 11. The Choir, looking West. 12. The North Transept. | <ol style="list-style-type: none"> 13. North Transept, West Side. 14. " East Side. 15. Wilberforce Monument. 16. Tomb of Henry VII. 17. Henry VII.'s Chapel, The Knights' Stalls. 18. Tomb of Queen Elizabeth. 19. Tomb of Mary Queen of Scots. 20. Chapel of St. John. 21. The Nightingale Mon'ment. 22. Monument of James Watt, the Inventor. | <ol style="list-style-type: none"> 23. Chapel of Edward the Confessor. 24. The Coronation Chair. 25. Tomb of Edward III. 26. Tomb of Henry III. 27. Chapel of St. Edmund. 28. Poets' Corner. 29. Grave of Charles Dickens. 30. Monument to Shakspeare. 31. Monument to Milton. 32. " to Dryden. 33. " to Major André. 34. Livingstone's Grave. 35. The Cloisters. |
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The Tower of London.

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| 1. The Tower, from Tower Hill. | 9. Beauchamp Tower, Inscriptions. | 19. St. Peter's Chapel. |
| 2. Ground Plan of the Tower. | 10. Devereux Tower. | 20. " Interior. |
| 3. The Tower, from the Thames. | 11. Bowyer Tower. | 21. The White Tower. |
| 4. Middle Tower, from West. j | 12. Jewel, or Martin's Tower. | 22. St. John's Chapel. |
| 5. " from East. | 13. The Salt Tower. | 23. Trophies of Guns. |
| 6. Byward Tower. | 14. St. Thomas' Tower. | 24. Effigy of Queen Elizabeth. |
| 7. Bell Tower. | 15. The Traitor's Gate. | 25. " of Henry VIII. |
| 8. Beauchamp Tower, Inscriptions. | 16. The Bloody Tower. | 26. Queen Elizabeth's Armory. |
| | 17. The Governor's House. | 27. The Horse Armory. |
| | 18. Group of Warders. | 28. The Crown Jewels. |
| | | 29. The New Barracks. |
| | | 30. Locking up the Tower. |

The British Museum, London.

50 Views, with Lecture. \$25.00.

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| 1. British Museum, exterior. | 16. Winged human-headed Bull. | 33. Mammalia Saloon. |
| 2. Southern Egyptian Room. | 17. Elgin Room. | 34. Eastern Zoological Gallery. |
| 3. Northern Egyptian Room. | 18. Hellenic Room, South Side. | 35. " Zoological Gallery. |
| 4. Black Granite Statue of Pash. | 19. " North Side. | 36. North'n Zoological Gallery. |
| 5. Head of Rameses II. | 20. Mausoleum Room. | 37. " Zoological Gallery. |
| 6. Head of Thothmes III. | 21. Lycian Room. | 38. " Zoological Gallery. |
| 7. Basalt Sarcophagus. | 22. Græco-Roman Room. | 39. Shark. |
| 8. First Egyptian Room. | 23. Venus Aphrodite. | 40. Geological. Coal Specimens, etc. |
| 9. Case of Mummies. | 24. Discobolus. | 41. " Fishes, etc. |
| 10. Slade Collection of Glass. | 25. Towneley Venus. | 42. " Saurians, etc. |
| 11. Kouyunjik Gallery. | 26. Clytic. | 43. " Saurians, etc. |
| 12. Assyrian Bas-Reliefs—Capture of a City. | 27. Muse Thalia. | 44. " Irish Deer, etc. |
| 13. Assyrian Bas-Reliefs—Lion Hunt. | 28. Apotheosis of Homer. | 45. " Megatherium. |
| 14. Obelisk from Nimroud. | 29. Mithraic Group. | 46. " Mastodon. |
| 15. Winged human-headed Lion. | 30. Head of Julius Cæsar. | 47. Italian Majolica. |
| | 31. Roman Gallery, gen'l view. | 48. Arctic Collection. |
| | 32. Southern Zoological Gallery. | 49. Royal Library. |
| | | 50. Reading Room. |

The Zoological Gardens, London.

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| 1. Plan of the Gardens. | 17. West African River Hog. | 33. Brahmin Bull. |
| 2. American Black Bear. | 18. Collared Peccary. | 34. Wolves. |
| 3. The Syrian Bear. | 19. Sea Bear. | 35. White, or Common Pelican. |
| 4. The Polar Bear. | 20. Lencoryx. | 36. Llama. |
| 5. Dromedary. | 21. The Roba, or Sing Sing. | 37. Boa Constrictor. |
| 6. Bactrian. | 22. Burchell's Zebra. | 38. Great Kangaroo. |
| 7. Babylonian Lion. | 23. Quagga. | 39. The Markhoor. |
| 8. African Lioness. | 24. Wild Ass of Abyssinia. | 40. Indian Elephant. |
| 9. The Royal Tiger. | 25. Syrian Wild Ass. | 41. African Elephant. |
| 10. Chimpanzee. | 26. Rhea, or American Ostrich. | 42. Indian Rhinoceros. |
| 11. Smoking Monkey. | 27. Emeu. | 43. Sumatran Rhinoceros. |
| 12. Gibbon. | 28. Wapiti Deer. | 44. Hippopotamus. |
| 13. The Marabout Stork. | 29. Goyal. | 45. Giraffe. |
| 14. The Cassabara. | 30. Indian Buffalo. | 46. The Eland, or Camea. |
| 15. Wild Boar. | 31. Cape Buffalo. | 47. The Apteryx. |
| 16. The Wart Hog. | 32. Zebu. | 48. Whit-Monday at the "Zoo." |

Windsor Castle.

30 Views, with Lecture. \$15.00.

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| 1. Portrait of Queen Victoria. | 11. The Royal Pew, St. George's Chapel. | 22. Mausoleum of Prince Albert. |
| 2. The Castle, from the Home Park. | 12. The Round Tower. | 23. The Grotto at Frogmore. |
| 3. Gateway of Henry VIII. | 13. Statue of Charles II. | 24. Equestrian Statue of George III. |
| 4. The Lower Ward. | 14. South Front of the Castle. | 25. The Mammoth Grape-vine. |
| 5. The Horseshoe Cloisters. | 15. The Victoria Tower. | 26. Virginia Water—the Cascade. |
| 6. St. George's Chapel. | 16. The East Terrace. | 27. " " the Ruins. |
| 7. " " The Nave. | 17. The Castle Guns. | 28. " " the Ruins. |
| 8. Monument to Princess Charlotte. | 18. Path in the Home Park. | 29. The Castle, from the Long Walk. |
| 9. " " to Duke of Kent. | 19. Frogmore House. | 30. " " from the Meadows. |
| 10. The Choir, St. George's Chapel. | 20. The Queen's Breakfast Cottage. | |
| | 21. Mausoleum of the Duchess of Kent. | |

Liverpool.

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| <ol style="list-style-type: none"> 1. Liverpool in the 17th Cent'y. 2. St. George's Hall. 3. Statues of Prince Albert, the Queen, Wellington's Monument, etc. 4. The Free Library and Museum. 5. The Picton Reading Room. 6. The Walker Art Gallery. 7. Church Street and Compton Hotel. 8. The Sailors' Home. 9. The Custom House. 10. The Town Hall. 11. The Exchange. 12. The Tomb of Huskisson. 13. St. Nicholas' Church and the Watch Tower. 14. Approach to the Landing-Stage. | <ol style="list-style-type: none"> 15. Birkenhead Boat and Ocean Steamer. 16. Coasting Steamer at the Landing-Stage. 17. Steam-tugs Waiting for the Tide. 18. View of the Mersey. 19. The Life-boat at Rest. 20. Emigrants Embarking for New York. 21. Group of Emigrants. 22. Man of War. Embarking Troops. 23. Dock, and Grain Warehouses. 24. Entrance to the Dock. 25. Steamer Waiting to Enter Dock. 26. Steamship in the Graving Dock. | <ol style="list-style-type: none"> 27. The Liverpool College. 28. The Original Everton Taffy House. 29. The Y. M. C. Association. 30. The Masonic Hall. 31. A Grotto in Sefton Park. 32. The Rathbone Monument. 33. Birkenhead Landing-Stage. 34. Steamer in the Birkenhead Docks. 35. The One-o'clock Gun. 36. Birkenhead Park, entrance. 37. " The Lake. 38. " Bridge over Lake. 39. Steamships at Anchor. 40. New Brighton, Pier. 41. " The Sands & Bat'y. 42. " The Rock Light-house. |
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English Cathedrals.

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| <ol style="list-style-type: none"> 1. Canterbury Cathedral, Ext. 2. " Interior. 3. Rochester Cathedral, Ext'r. 4. Chichester Cathedral, Spire and Market Cross. 5. Winchester Cathedral, Ext. 6. " Interior. 7. Salisbury Cathedral, Ext'r. 8. Exeter Cathedral, Exterior. 9. " Interior. 10. Truro Cathedral, Exterior. 11. Bath Cathedral, Exterior. 12. Wells Cathedral, Exterior. 13. " Interior. 14. Bristol Cathedral, Exterior. 15. " Interior. 16. Gloucester Cathedral, Ext. 17. " Reredos. | <ol style="list-style-type: none"> 18. Worcester Cathedral, Ext. 19. " Choir. 20. Hereford Cathedral, Ext'r. 21. " Nave. 22. Llandaff Cathedral, Ext'r. 23. " Nave. 24. St. David's Cathedral, Ext. 25. St. Asaph's Cathedral, Ext. 26. Chester Cathedral, Ext'r. 27. Bangor Cathedral, Interior. 28. Manchester Cathedral, Ext. 29. " Choir. 30. Carlisle Cathedral, Ext'r. 31. Durham Cathedral. 32. " The Galliee. 33. Ripon Cathedral, Exterior. 34. " Nave. 35. York Minster, Exterior. | <ol style="list-style-type: none"> 36. York Minster, Doorway. 37. Lincoln Cathedral, Ext'r. 38. " Interior. 39. Litchfield Cathedral, Ext'r. 40. " Choir. 41. Peterborough Cathedral, Exterior. 42. Peterborough Cathedral, Nave. 43. Norwich Cathedral, Ext'r. 44. " Nave. 45. Ely Cathedral, Exterior. 46. " Choir. 47. St. Alban's Abbey. 48. Christ Church, Oxford. 49. St. Paul's Cathedral, Ext'r. 50. " Nave. |
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The Highlands of Scotland.

52 Views, with Lecture. \$26.00.

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| <ol style="list-style-type: none"> 1. Introduction. 2. Glasgow Cathedral. 3. " George Square. 4. " University. 5. " Broomielaw. 6. Clyde—Henry Bell's Monument. 7. " Dumbarton Castle. 8. " Greenock. 9. " Rothesay. 10. Inverary Castle. 11. Oban. 12. Staffa—Fingal's Cave. 13. Iona Cathedral. 14. Glencoe. 15. Falls of Foyers. 16. Inverness. 17. Kirkwall Cathedral. 18. Stacks of Duncansby. 19. Dunrobin Castle. | <ol style="list-style-type: none"> 20. Elgin Cathedral. 21. Aberdeen, from below Suspension Bridge. 22. " Castle Street. 23. " King's College. 24. " Old Machar Cathedral. 25. " Old Brig o' Balgownie. 26. Balmoral. 27. Lochnagar. 28. Dunottar Castle. 29. Arbroath Abbey. 30. Perth. 31. Dunkeld Cathedral. 32. " Hermitage & Bridge. 33. Pass of Killiecrankie. 34. Blair Athole. 35. Falls of Moness. | <ol style="list-style-type: none"> 36. Taymouth Castle. 37. Pass of Leny. 38. Callander and Ben Ledi. 39. Pass of the Trossachs and Ben Venue. 40. Loch Katrine, Silver Str'nd. 41. Inversnaid Falls. 42. Loch Lomond, looking up. 43. " looking down. 44. Dunblane Cathedral. 45. Abbey Craig and Wallace Monument. 46. Cambuskenneth Abbey. 47. Stirling Castle. 48. Dollar—Castle Campbell. 49. " "The Devil's Mill." 50. Loch Leven Castle. 51. St. Andrews. 52. Dunfermline Abbey. |
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The Lowlands of Scotland.

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| <ol style="list-style-type: none"> 1. Introduction. 2. Edinburgh, from Calton Hill. 3. Edinburgh—Holyrood Palace. 4. Edinburgh—Scott Monument. 5. Edinburgh—Castle from Grassmarket. 6. Edinburgh—Old Town from Princes Street. 7. Roslin Glen and Castle. 8. Roslin Chapel. 9. Roslin Chapel—Interior—'Prentice Pillar. 10. Craigmillar Castle. 11. Tantallon Castle and Bass Rock. 12. North Berwick Law. 13. Dirlton Castle. 14. Norham Castle. | <ol style="list-style-type: none"> 15. Twisel Castle. 16. Jedburgh Abbey. 17. The Capon Tree, Jedburgh. 18. Kelso Abbey. 19. Floors Castle. 20. Banksome Tower. 21. Dryburgh Abbey—Sir Walter Scott's Tomb. 22. Melrose Abbey, from S.W. 23. " " East Window. 24. Abbotsford, from River. 25. " " The Study. 26. St. Ronan's Well. 27. Peebles. 28. Neidpath Castle. 29. Newark Castle. 30. Hogg's Monument and St. Mary's Loch. 31. The "Grey Mare's Tale." | <ol style="list-style-type: none"> 32. Beld Craig Linn, Moffat. 33. Caerlaverock Castle. 34. Dumfrirenan Abbey. 35. Dunsyre—Burns' Mausoleum. 36. Lincluden Abbey. 37. On the Nith at Drumlanrig. 38. Ayr—The Twa Brigs. 39. " Burns' Cottage. 40. " Burns' Monument. 41. " Alloway Kirk. 42. Bonnie Doon. 43. Stair House. 44. Cattrine Lee. 45. Ballochmyle House. 46. Bothwell Castle. 47. Falls of Clyde, Bonnington. 48. " Cora Linn. 49. " Stonebyres. 50. Linlithgow Palace. |
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Ireland, the North and West.

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| <ol style="list-style-type: none"> 1. The Boyne Viaduct. 2. The Ancient Cross, Round Tower, and Ruins of Monasterboice. 3. Warren Point. 4. Rostrevor Quay. 5. Carlingford Lough or Bay. 6. Armagh. 7. Donegal Place, Belfast. 8. High Street, Belfast. 9. The Queen's College. 10. Shane's Castle. 11. Garron Tower. 12. The Rope Bridge, Carrick-a-Rede. 13. General View of the Giant's Causeway. 14. Lord Antrim's Parlor. 15. The Honeycomb. 16. The Wishing Chair. | <ol style="list-style-type: none"> 17. The Ladies' Fan. 18. The Causeway Gate. 19. The Giant's Well. 20. Dunluce Castle. 21. Londonderry. 22. The Cathedral, Londonderry. 23. Walker's Monument. 24. Bishop's Gate, Londonderry. 25. Horn Head, Donegal. 26. Errigal Mountain, Donegal. 27. Ruins on Devenish Island, Lough Erne. 28. Holy Well of Tubbermaltha. 29. Glencar Waterfall, near Sligo. 30. Boyle Abbey. 31. Kylemore Castle. 32. " " Lake. 33. Ballinahinch and Lake. 34. The Killeries Bay. | <ol style="list-style-type: none"> 35. Dugort, Achill, and Slieve-more Mountains. 36. Sunset on Achill Sound. 37. Rosserk Abbey, Co. Mayo. 38. Cong Abbey, Doorway, Co. Galway. 39. The Fish Market, Galway. 40. The Cliffs of Moher. 41. The Spa Well, Lisdoonvarna. 42. The Spectacle Bridge, Co. Clare. 43. Kilkree. 44. The Natural Bridge of Ross. 45. Killaloe on the Shannon. 46. Rapids of the Shannon at Castleconnell. 47. Askeaton Abbey. 48. George's Street, Limerick. 49. King John's Castle. 50. The Treaty Stonc. |
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Ireland, the South.

60 Views, with Lecture. \$30.00.

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| <ol style="list-style-type: none"> 1. Introduction—Kingstown Harbor. 2. An Irish Jaunting Car. 3. Sackville Street. 4. The General Post-office. 5. The Lower End of Graon Street. 6. The Bank of Ireland. 7. Trinity College. 8. St. Patrick's Cathedral. 9. Interior of St. Patrick's Cathedral. 10. Christ Church Cathedral. 11. The Four Courts. 12. The Custom House. 13. Glasnevin, or Prospect Cemetery. 14. The Viceregal Lodge. 15. Killiney and Vale of Shanagh. 16. Bray and Bray Head. 17. The Scalp. 18. A Cottage in the Dargle, Summer. 19. A Cottage in the Dargle, Winter. | <ol style="list-style-type: none"> 20. The Dargle. 21. Enniskerry. 22. Powerscourt Waterfall. 23. Powerscourt House. 24. The Vale of Clara. 25. Valley of Glendalough and Ruins of Seven Churches. 26. The Vale of Avoca. 27. The Lion Arch. 28. Johnstown Castle. 29. Bird's-eye View of Kilkenny City. 30. Kilkenny Castle. 31. Jerpoint Abby. 32. Lismore Castle. 33. A Portion of the Ruins on the Rock of Cashel. 34. Holycross Abbey. 35. Patrick Street, Cork. 36. Patrick's Bridge, Cork. 37. St. Finn-Barre's Cathedral. 38. Shandon Steeple. 39. The Mardyke Walk. 40. Queenstown Harbor. | <ol style="list-style-type: none"> 41. Sir Walter Raleigh's House. 42. Blarney Castle. 43. Glengarriff Harbor, Bantry Bay. 44. Cromwell's Bridge. 45. Glengarriff Waterfall. 46. A General View of the Lakes of Killarney. 47. The Upper Lake. 48. Eagle's Nest Mountain. 49. The Old Weir Bridge. 50. The Middle Lake. 51. The Colleen Bawn Rock and Cave. 52. Muckross Abbey. 53. Interior of Muckross Abbey. 54. Glens Bay. 55. O'Sullivan's Cascade. 56. Brickeen Bridge. 57. The Meeting of the Waters, Killarney. 58. Ross Castle. 59. Derrycnnihy Waterfall and Cottage. 60. Gap of Dunloe. |
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Paris.

50 Views, with Lecture. \$25.00.

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|---|---|---|
| 1. Northern Railway Station. | 19. Church of St. Germain l'Auxerrois. | 38. Café des Ambassadeurs. |
| 2. Church of St. Vincent de Paul. | 20. Tower of St. Jacques. | 39. Palace of Versailles. |
| 3. Trinity Church (Eglise de la Trinite). | 21. Church of St. Eustache. | 40. Palace of Versailles—Galerie des Batailles. |
| 4. Grand Opera House. | 22. Porte St. Denis. | 41. Palace of Versailles—Galerie des Glaces. |
| 5. Church of the Madeleine. | 23. Column of July. | 42. Palace of Versailles—View of Gardens, Lake and Fountains. |
| 6. Interior of the Madeleine. | 24. Buttes Chaumont and Parc. | 43. Palace of Versailles—Bed-chamber of Louis XIV. |
| 7. Place de la Concorde. | 25. Notre Dame. | 44. Palace of Versailles—Interior of the Chapel. |
| 8. The Obelisk of Luxor. | 26. " Interior. | 45. Palace of the Trianon—Dairy. |
| 9. Gardens of the Tuileries. | 27. Panorama from Notre Dame. | 46. St. Cloud—Ruins of the Palace or Chateau. |
| 10. Tuileries—Ruins of the Palace. | 28. Sainte Chapelle. | 47. St. Cloud—The Cascade. |
| 11. Column Vendome. | 29. Luxembourg Palace. | 48. " The Bridge. |
| 12. Arc de Triomphe du Carrousel. | 30. Pantheon. | 49. St. Denis—The Cathedral. |
| 13. Louvre. | 31. Church of St. Etienne du Mont. | 50. " The Cathedral—Monument to Louis XII. and his Queen. |
| 14. " Pavilion Richelien. | 32. Palace of Corps Legislatif. | |
| 15. " Gallery of Apollo. | 33. Hotel des Invalides. | |
| 16. " Salles des Cariatides. | 34. Dome of the Invalides and Tomb of Napoleon. | |
| 17. " Salle des Saisons. | 35. Trocadero. | |
| 18. Grand Hotel and Magasin du Louvre. | 36. Arc de Triomphe de l'Etoile. | |
| | 37. Palace d'Industrie. | |

Belgium.

50 Views, with Lecture. \$25.00.

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|---|---|---|
| 1. Ypres, Hotel de Ville. | 18. Louvain, Hotel de Ville. | 35. Antwerp, Church of St. Jacques, Nave. |
| 2. Courtray, Bridge and Towers. | 19. " the Church of St. Peter. | 36. Antwerp, Church of St. Paul. |
| 3. Courtray, Hotel de Ville and Belfry of St. Martin. | 20. Brussels, the Hotel de Ville. | 37. Antwerp, Calvary. |
| 4. Tournay, the Belfry. | 21. " Cathedral. | 38. " Church of the Jesuits. |
| 5. " the Cathedral. | 22. " Colonne du Congress. | 39. Ghent, Church of St. Nicholas. |
| 6. " Cathedral, the Nave. | 23. Brussels, the Bourse. | 40. Ghent Cathedral, Interior. |
| 7. Namur, Interior of the Church of St. Loup. | 24. Waterloo, Lion Mount. | 41. " " the Choir. |
| 8. Dinant, General View. | 25. " Hogoumont, South Front of the Farm. | 42. " Old Houses. |
| 9. " the Roche a Bayard. | 26. Waterloo, La Belle Alliance. | 43. Bruges, Hotel de Ville. |
| 10. " Anseremme. | 27. " La Haye Saint. | 44. " Palais de Justice, Council Chamber. |
| 11. Huy, the Citadel. | 28. Oudenarde, Hotel de Ville. | 45. Bruges, the Cathedral, Interior. |
| 12. Liege, the Citadel. | 29. Malines Cathedral, Exterior. | 46. Bruges, Notre Dame. |
| 13. " Palais de Justice. | 30. " Interior. | 47. " Quai du Rosaire. |
| 14. " Palais de Justice, th. Cathedral. | 31. Antwerp, Hotel de Ville. | 48. " the Belfry. |
| 15. " Cathedral, Interior. | 32. " Cathedral, Exterior. | 49. Ostend, the Harbor. |
| 16. " the Church of St. Jacques, Interior. | 33. Antwerp Cathedral, the Nave. | 50. " the Lighthouse. |
| | 34. Antwerp, Place Verte. | |

Norway.

40 Views, with Lecture. \$20.00.

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| 1. Nordfjord, Oldendal, Blynestad Sæter. | 16. Søndmore, Standal and the Hjorendfjord. | 30. Jotunheim, Eidsbugaden. |
| 2. " View down Oldendal. | 17. Molde and Moldefjord, from the Reknæshaug. | 31. " from the Skin-egg, looking W. |
| 3. " Bricksdal Glacier. | 18. " from one of the islands. | 32. Sognefjord, the Vettisfos, from Below. |
| 4. " Children and Kids. | 19. " and Moldefjord, from the Varde. | 33. " the Afdalfos, near Vetti. |
| 5. " View up the Loen-Vand. | 20. Romsdal, Hotel Aak and the Romsdalshorn. | 34. " the Gjellefos, near Vetti. |
| 6. " Icefall, Kjendalsbrø. | 21. " the Trolltinder. | 35. " from the Hotel Door, Gudvangen. |
| 7. " on the Loen-Vand. | 22. " from Top of Mid-dags-Hougen. | 36. Hardangerfjord, Odde and Sor Fjord. |
| 8. Geiranger Fjord, the Knivslaafosse. | 23. " View on the Rauma. | 37. Hardangerfjord, Married Women, in Peasant Costume. |
| 9. " " Waterfall. | 24. " near Horgheim. | 38. Hardangerfjord, Unmarried Women, in Peasant Costume. |
| 10. " " looking up. | 25. " the Vermofos. | 39. Hardangerfjord, Skjægdalsfos. |
| 11. Søndmore, near Fibelstad-Hougen. | 26. Jotunheim, the Semmelind. | 40. Hardangerfjord, Skjægdalsfos. |
| 12. " Fibelstad-Hougen. | 27. " Gjendebed and Svartdalspig. | |
| 13. " Pass to Oie, and the Oienibba. | 28. " Group at Gjendebed. | |
| 14. " Oie and Norangsdal. | 29. " Gjendebed from Svartdal. | |
| 15. " on Pass, Orstenvik to Standal. | | |

The River Rhine, from Cologne to Constance.

60 Views, with Lecture. \$30.00.

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|--------------------------------|-------------------------------|-------------------------------|
| 1. Cologne—Cathedral fr. S. E. | 20. Ems. | 44. Heidelberg — The Castle |
| 2. " " fr. S. | 21. Marksburg Castle. | Frederick's Build'g |
| 3. " " fr. St. Martin's. | 22. Boppard. | 45. " " The Castle. Otto |
| 4. " " fr. N. W. | 23. St. Goar. | Henry's Building. |
| 5. " " Interior | 24. " Rheinfels & St. Goar. | 46. " " Entrance to Otto |
| 6. " " The South | 25. " Rheinfels Castle. | Henry's Building. |
| Portal. | 26. Lurlei Rock. | 47. " " from Elizabeth's Ter- |
| 7. " " Central | 27. Oberwesel. | race. |
| Portal. | 28. " Schönburg Castle. | 48. Baden-Baden — View from |
| 8. " and Bridge of Boats. | 29. Caub. | Prince Solm's Castle. |
| 9. " St. Martin's Church. | 30. Bacharach. | 49. " " View from Leopolds- |
| 10. Bonn, with the Ferry. | 31. Sooneck Castle. | höhe. |
| 11. Drachenfels, with Seven | 32. Rheinstein Castle. | 50. Freiburg—The Cathedral. |
| Mountains. | 33. Bingen. | 51. Strasburg—The Cathedral. |
| 12. Remagen. Apollinaris- | 34. Wiesbaden. | 52. " " Cathedral. The Cen- |
| kirche. | 35. " Greek Church. | tral Porch. |
| 13. Andernach. | 36. Mayence. | 53. Bâle—The Upper Bridge. |
| 14. Coblenz—from the Rhine. | 37. " The Cathedral. | 54. " " The Cathedral. |
| 15. " " Ehrenbreitstein, | 38. Worms—The Cathedral. | 55. " " St. Paul's Gate. |
| B'dge of Boats. | 39. " Luther's Monument. | 56. Neuhausen—Rhine Falls. |
| 16. " Ehrenbreitstein, from | 40. " Luther's Tree. | 57. " " The Rhine from |
| above Thal. | 41. Heidelberg—The Castle f'm | above the Falls. |
| 17. " Thal and Coblenz. | near Molkenkur. | 58. Schaffhausen — From the |
| 18. Castle of Stolzenfels. | 42. " View from Geistburg. | High Rock. |
| 19. Oberlahnstein and Stolzen- | 43. " View from Heiligen- | 59. Constance—Rhine Bridge. |
| fels Castle. | burg. | 60. " " from the Cathedral. |

Switzerland.

(The Northern Lakes and Bernese Oberland.)

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|---------------------------------|-------------------------------|------------------------------|
| 1. Basle—Old Bridge, etc. | 20. Lake Lucerne—Brunen. | 35. Grindelwald—The Eiger. |
| 2. " Upper Bridge. | 21. Lake Sarnen. | 36. " " The Upper |
| 3. " The Minster. | 22. Handeck—Swiss Chalet. | Glacier. |
| 4. " " West Door. | 23. " Falls of the Aar. | 37. " " Sea of Ice. |
| 5. " " St. Paul's Gate. | 24. Grimsel Lake and Hospice. | 38. Spietz—Lake Thun. |
| 6. The Rhine at Neuhäsen. | 25. Rosenlani — Reichenbach | 39. Kandersteg—Gemmi Pass. |
| 7. Falls of the Rhine. | Falls, No. 1. | 40. Gastein Thal—The Schild- |
| 8. Schaffhausen. | 26. " Reichenbach Falls.No.2 | horn. |
| 9. Constance—Panorama. | 27. " Wetterhorn & Welhorn | 41. The Blimlis Alp. |
| 10. " Rhine Bridge. | 28. Interlaken. | 42. Thun, from the Pavilion. |
| 11. Zurich, from Cathedral. | 29. " Hotel Beau Rivage. | 43. " from the Churchyard. |
| 12. " from the Heights. | 30. " Giessbach Falls. | 44. " from the Aar. |
| 13. Lucerne and the Rigi. | 31. Staubbach Falls. | 45. Fribourg—The Fountain. |
| 14. " and Pilatus. | 32. Mürren. | 46. " Suspension Bridge. |
| 15. " The Cathedral. | 33. Wengern Alp—Little Schei- | 47. " Cathedral. |
| 16. " The Lion Monum't. | deck Pass. | 48. Berne, from Rosengarten. |
| 17. View from the Rigi. | 34. Grindelwald—The Wetter- | 49. " from Schaezli. |
| 18. Lake Lucerne, Tell's Chap'l | horn. | 50. " The Clock Tower. |
| 19. " The Axenstrasse. | | |

Switzerland.

(Geneva, Mont Blanc, St. Gothard, etc.)

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|-----------------------------|--------------------------------|---------------------------------|
| 1. Geneva. | 19. The Matterhorn, from the | 35. Aletsch Glacier & Jungfrau. |
| 2. Chamounix. | Mettelhorn. | 36. " " and Lake. |
| 3. " Tête Noire Pass, app. | 20. " from the Gornergeat. | 37. Lake of the Dead—Furka |
| to Mont Blanc. | 21. The Lyskamm Glacier. | Pass. |
| 4. " Salvan Route. | 22. Monte Rosa. | 38. Rhone Glacier, and Hotel. |
| 5. " from Rocheperecée. | 23. Brieg aud Mont Leone. | 39. " and Crevasse. |
| 6. " Hotel Royale. | 24. " and Bel Alp. | 40. Grindelwald—Ice Cavern. |
| 7. Mont Blanc—Mer de Glace. | 25. Pass St. Gothard. | 41. Gemmi Pass, Oeschinen |
| 8. " " " | 26. " " " | Lake. |
| 9. " " " | 27. " Devil's Bridge. | 42. " " Loche les Bains. |
| 10. " Glacier des Bossons. | 28. " Hospenthal. | 43. " The Ladders. |
| 11. " from the Glaciers. | 29. " Amsteg. | 44. Sion—Rhone Valley. |
| 12. " Mer de Glace. | 30. " Maderancr Thal. | 45. Vevay, on Lake Geneva. |
| 13. Vernayaz—The Cascade. | 31. " Breithorn & Hüfihorn. | 46. Castle of Chillon, " |
| 14. " Gorge du Trient. | 32. " Stauberbach Cascade. | 47. " " " |
| 15. " " " | 33. " Amsteg. | 48. Ouchy, " |
| 16. Zermatt. | 34. Viesch Glacier and Finster | 49. Lausanne, " |
| 17. " The Riffelhaus. | Aarhora. | 50. " Cathedral, etc., " |
| 18. " The Matterhorn. | | |

Rome: its Modern Glories and Ancient Ruins.

50 Views, with Lecture. \$25.00.

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|---|---|---|
| 1. View from the French Academy. | 18. Arch of Titus—Bas-relief (7 candlesticks). | 36. Piazza Morona. |
| 2. St. Peter's, from the Garden of the Vatican. | 19. Arch of Titus—Bas-relief (the chariots). | 37. Piazza Colonna. |
| 3. St. Peter's, from the Exterior. | 20. Porta San Maggiore. | 38. Steps of the Piazza di Spagna and Church of the Trinita di Monti. |
| 4. Façade and Dome of St. Peter's. | 21. Porta San Lorenzo. | 39. Piazza del Popolo. |
| 5. Interior of St. Peter's. | 22. Porta San Paolo. | 40. Piazza del Popolo and Church of Santa Maria del Popolo. |
| 6. The Vatican. | 23. Porta San Giovanni. | 41. Column of the Immaculate Conception. |
| 7. The Chiamonti Corridor. | 24. Tomb of Cecilia Metella. | 42. The Pincio Gardens. |
| 8. The Ariadne in the Vatican. | 25. Basilica of Constantine and Ruins of the Temple of Peace. | 43. The Fountain of Moses in the Pincio Gardens. |
| 9. Ruins on the Palatine Hill. | 26. Basilica of Constantine (near View). | 44. The Pantheon. |
| 10. Temple of Vesta. | 27. The Tiber Island. | 45. Interior of the Church of San Paolo. |
| 11. Temple of Castor and Pollux. | 28. The Palazzo Quirinale. | 46. Forum Romanum. |
| 12. San Lorenzo, outside the Walls. | 29. The Palazzo Laterano. | 47. Forum of Trajan. |
| 13. Temple of Faustina, from the Palatine Hill. | 30. The Villa Medici. | 48. Column of Phocas. |
| 14. Rome, from the Palatine Hill. | 31. The Castle of St. Angelo. | 49. The Capitol. |
| 15. Temple of Saturn. | 32. Fontana Paolina. | 50. Basilica of Santa Maria Maggiore. |
| 16. Arch of Constantine. | 33. Fontana di Trevi. | |
| 17. Arch of Titus. | 34. The Coliseum. | |
| | 35. The Interior of the Coliseum | |

Italy and Rome.

61 Views, with Lecture by Rev. C. R. TREAT. \$30.00.

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| 1. Map of Italy. | 21. Florence, Niobe. | 41. Rome, St. Peter's. |
| 2. Genoa, Monument, Columns. | 22. " Boboli Gardens. | 42. " Interior of St. Peter's. |
| 3. Monaco. | 23. Pisa, Baptistery, Cathedral. | 43. " Vatican. |
| 4. Milan, Cathedral. | 24. " Leaning Tower. | 44. " Torsio, Belvidere. |
| 5. Milan, Cathedral, Interior. | 25. " Campo Santo. | 45. " Apollo Belvidere. |
| 6. Lake Maggiore. | 26. Siena, Cathedral. | 46. " Laocöon. |
| 7. Lake Lugano. | 27. Terni, Cascade. | 47. " Beatrice Cenci. |
| 8. Lake Como. | 28. Rome, Panorama. | 48. " St. John Lateran. |
| 9. Verona. | 29. " Fountain of Trevi. | 49. " Church St. Paul, beyond the Walls. |
| 10. Venice, Harbor Front. | 30. " Forum of Trajan. | 50. Michael Angelo's Moses. |
| 11. " Church, St. Mark. | 31. " Capitol. | 51. Rome, Appian Way. |
| 12. " Ducal Palace. | 32. " Dying Gladiator. | 52. Tivoli, Gorge of the Sybil. |
| 13. " Bridge of Sighs. | 33. " Forum. | 53. " Vintage Festival. |
| 14. " Rialto. | 34. " Arch of Titus. | 54. Naples, Bay and Vesuvius. |
| 15. Florence, Panorama. | 35. " Arch of Constantine and Coliseum. | 55. " Farnese Bull. |
| 16. " Palazzo Vecchio. | 36. " Interior of Coliseum. | 56. Vesuvius. |
| 17. " Gates of Ghiberti. | 37. " Gladiator's Appeal. | 57. Pompeii, Gate to the Sea. |
| 18. " Cloister St. Mark. | 38. " Pantheon. | 58. " Amphitheatre. |
| 19. " Santa Croce. | 39. " Temple of Vesta. | 59. " Street of the Tombs. |
| 20. Sculpture by Luca della Robbia. | 40. " Bridge and Castle of St. Angelo. | 60. " House of the Faun. |
| | | 61. " Roman Feast. |

Picturesque Italy: Past and Present.

50 Views, with Lecture. \$25.00.

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|---|---|---|
| 1. Turin, Palazzo Carignano. | 17. Florence. | 32. Naples, San Francesco di Paolo. |
| 2. " Church of Gran Madre di Dio. | 18. " Cathedral and Campanile. | 33. " Villa Nazionale. |
| 3. " Capuchin Monastery. | 19. " Palazzo Vecchio. | 34. " Colonna dei Martiri. |
| 4. Milan Cathedral. | 20. " Uffizi and Palazzo Vecchio. | 35. Pompeii, General View. |
| 5. Orta. | 21. " Loggia del Lanzi. | 36. " the Forum. |
| 6. Lake Maggiore, Baveno. | 22. " Church of Santa Croce and Dante's Monument. | 37. " the Basilica. |
| 7. Lake of Como, Varenna. | 23. " Triumphal Arch at Porta St. Gallo. | 38. " Temple of Venus. |
| 8. Venice, St. Mark's Façade. | 24. Arezzo. | 39. " Pantheon, or Temple of Augustus. |
| 9. " Porphyry Knights by the Palace of the Doges. | 25. Naples, A general view from St. Elmo. | 40. " House of the Small Fountain. |
| 10. " Palace of the Doges. | 26. " the Harbor. | 41. " House of the Faun. |
| 11. " Fountain in Courtyard of the Palace of the Doges. | 27. " Strada del Molo and St. Elmo. | 42. " Amphitheatre. |
| 12. " Bridge of Sighs. | 28. " Santa Lucia and Castel dell' Ovo. | 43. " Street of the Tombs. |
| 13. " The Grand Canal. | 29. " Piazza del Plebiscito. | 44. Palermo Cathedral. |
| 14. " Ponte Rialto Bridge, or Rialto Bridge. | 30. " Palazzo Reale. | 45. Pisa, Baptistery, Cathedral, and Campanile. |
| 15. " Ca d'Oro, or Golden House. | 31. " Palazzo Reale (the Scala). | 46. Pisa, Leaning Tower. |
| 16. Bologna, Church of S. Giacomo Maggiore. | | 47. Lucca Cathedral. |
| | | 48. Genoa, View above the Railway Station. |
| | | 49. Genoa, Palazzo Ducale. |
| | | 50. " Statue Columbus. |

Venice.

40 Views, with Lecture. \$20.00.

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| 1. St. Mark's Tower — The Campanile. | 14. Ducal Palace, the Canal Front. | 28. The Grand Canal, from the Iron Bridge. |
| 2. Venice, from St. Mark's Tower. | 15. The Bridge of Sighs. | 29. Church of S. Maria della Salute. |
| 3. The Clock Tower, Grand Piazza. | 16. The Vine Angle of the Ducal Palace. | 30. Quay and Canal, from della Salute Church. |
| 4. St. Mark's Cathedral, from the Piazza. | 17. The Granite Columns on the Piazzetta. | 31. Group of Women at a Well. |
| 5. St. Mark's Cathedral, N.W. Corner. | 18. The Winged Lion of St. Mark's. | 32. The Foscari Palaces, Grand Canal. |
| 6. The Bronze Horses of St. Mark's. | 19. The Riva degli Schiavoni. | 33. The Ponte Rialto. |
| 7. Interior of St. Mark's Cathedral. | 20. A Venetian Street, and leaning Campanile. | 34. Grand Canal, from Ponte Rialto. |
| 8. The Rood Screen, St. Mark's. | 21. St. Zaccaria Church. | 35. Grand Canal, south of the Rialto. |
| 9. St. Mark's Cathedral, from the Ducal Palace. | 22. The Arsenal—Entrance. | 36. The Market, from Ponte Rialto. |
| 10. Bronze Wells, Ducal Palace. | 23. The Public Gardens, Venice. | 37. Grand Canal, from the Turkish Palace. |
| 11. Ducal Palace, the Inner Façade. | 24. St. Giorgio, from the Piazzetta. | 38. Church of Gli Scalzi, inte'r. |
| 12. Tame Pigeons of St. Mark's. | 25. Venice, from St. Giorgio Campanile. | 39. A Paved Street, "Calle del Sturion." |
| 13. The Giant Stairs, Ducal Palace. | 26. Eastern Venice, from St. Giorgio. | 40. Via Alla Posta, Street at the Post-office. |
| | 27. The Cavalli Palace, Grand Canal. | |

Cities and Places of Interest in the Mediterranean.

50 Views, with Lecture. \$25.00.

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|------------------------------------|---------------------------------------|------------------------------------|
| 1. Gibraltar. | 18. Nice—The Bay. | 35. Capri. |
| 2. " from Europa Point. | 19. " Promenade. | 36. Amalfi. |
| 3. " Town and Bay. | 20. " View in the Harbor. | 37. Messina, from the Hill. |
| 4. Barcelona—The Harbor. | 21. " " " | 38. Malta—Grand Harbor. |
| 5. Marseilles, f'm Notre Dame. | 22. " Les Quais. | 39. " Marsa Muscat. |
| 6. " Cathedral. | 23. Monaco—Monte Carlo. | 40. " Valetta. |
| 7. " Fort Napoleon. | 24. " Monte Carlo Gardens. | 41. " Church of St. John. |
| 8. " The Harbor. | 25. " Monte Carlo Gardens. | 42. " Grand Harbor. |
| 9. " Museum Fountain. | 26. Mentone—Old Town. | 43. " Troop-ships. |
| 10. Cannes, from La Californic. | 27. " Promenade. | 44. Algiers—General View. |
| 11. " from Mount Chevalier. | 28. Genoa. | 45. " with Boulevards. |
| 12. " Mount Chevalier. | 29. " Statue of Christopher Columbus. | 46. " from Marengo Gardens. |
| 13. " Cathedral Tower. | 30. Naples, from San Elmo. | 47. " Palms in Jardin. |
| 14. Antibes. | 31. " Bay and Vesuvius. | 48. " Interior of Arabesque House. |
| 15. Nice, from Villa Franche Road. | 32. " Marina and San Elmo. | 49. " Gorge of Scheffa. |
| 16. " Jardin Anglais. | 33. Sorrento, f'm Capodimonte. | |
| 17. Corsica. | 34. Capri—The Marina. | |

Central Africa.

51 Views, with Lecture. \$25.00.

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| 1. Introductory Slide. | 13. African Fauna—The Hippopotamus. | 32. Bongo Village. |
| 2. Africa—Map to show the Routes of Modern Explorers. | 14. " A Native Deer-Hunt. | 33. Dinka Village. |
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| 6. " Lattice Windows. | 27. Nile, Water Raising. | 48. Assouan, Isle of Elephantine. |
| 7. " View from the Citadel. | 28. Abydos. | 49. Philæ, Pharaoh's Bed. |
| 8. " Tomb of the Mame-lukes. | 29. " Sculptures. | 50. " Great Propylon and Outer Court. |
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| 10. " Mosque of Moham-med Ali. | 31. " Porch of the Temple. | 52. " View of foot of Cata-ract. |
| 11. " Fountain in the Mosque. | 32. Thebes, Plan of the Ruins. | 53. " View of, from Biggeh. |
| 12. " Heliopolis. | 33. " Plan of a Temple. | 54. " Biggeh and Nubians. |
| 13. " Suez Canal. | 34. " Memnonium, East Gate. | 55. " View of, looking North |
| 14. " Prince of Wales' Palace. | 35. " Colossi. | 56. Nubia, Palm and Nubians. |
| 15. " Pyramids, Crossing the Nile. | 36. " Medinet Abou, from Northwest. | 57. " Arab at Prayer. |
| 16. " View of Pyramids and Sphinx. | 37. " Medinet Abou, Hall of Columns. | 58. " Rock Temple at Kalabsee. |
| 17. " Section of Pyramid. | 38. " Medinet Abou, Christian Church. | 59. " Ipsamboul, Small Temple. |
| 18. " Ascent of the Pyramid. | 39. " Luxor. | 60. " Ipsamboul, Great Temple. |
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| 20. Nile, the Dahabeah, Exter'r. the Dahabeah, Inte'r. | 41. " Karnac, Central Avenue. | |
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| 13. Group of Pyramids near Sakkarah. | 26. Temple of Medinet Abou. | 43. A Classic Group of Ruins. |
| | 27. Thebes, the Southern Colossus. | 44. South Colonnade and Pharaoh's Bed, Philæ. |
| | 28. " the Colossi, rear view. | 45. Syene, the Unfinished Obelisk. |
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| 6. Present Site of Pompey's Pillar. | 23. The Fellahin (Peas'ts), Gr'p | 40. Pyramids. |
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| 10. Portrait of Count Lesseps. | 27. Bedouin Sheik. | 44. Road to the Tombs of the Kings, Thebes. |
| 11. Kantara. | 28. Bedouin Women. | 45. Mummies. |
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8. Plan of the Mosque.
9. Bethlehem.
10. Woman of Bethlehem.
11. Women Grinding Corn.
12. Rachel's Tomb.
13. Fountain of Jericho.
14. Bethany.
15. Panorama of Jerusalem.
16. Extemporized Coffee Shop.
17. Jerusalem, from Olivet.
18. Map of Jerusalem.
19. Mt. Olivet and Gethsemane.
20. Old Olive Tree.</p> | <p>21. St. Stephen's Gate.
22. Gethsemane.
23. Virgin's Tomb.
24. The Golden Gate.
25. Valley of Jehoshaphat.
26. Pool of Siloam.
27. David's Tomb.
28. Tower of Hippicus.
29. Pool of Hezekiah.
30. Old Street in Jerusalem.
31. View from a Roof.
32. Church of Holy Sepulchre.
33. Plan of Church of Sepulchre.
34. Interior of Church of Sepulchre.
35. Via Dolorosa.
36. Arch of Ecce Homo.
37. The Rich Man's House.
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39. Mosque of Omar.</p> | <p>40. Jews' Wailing Place.
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42. Jerusalem, from Scopns.
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11. Zion's Gate.
12. S.E. cor. of the Temple Area.
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26. Chapel of the Virgin.
27. Garden of Gethsemane.
28. " Chapel of the Agony.
29. " Old Olive Tree.
30. " and the City.
31. St. Stephen's Gate.
32. Moslem Cemetery.
33. Hill of Scopus.
34. Pool of Bethesda.
35. Herod's Gate.
36. Grotto of Jeremiah.
37. Mount Calvary.</p> | <p>38. From Calvary to Olivet.
39. Jerusalem, from Calvary.
40. Tombs of the Kings.
41. " Façade.
42. Rolling Stone at a Tomb Door.
43. The Muezzin Call.
44. Church of the Ascension, Mount of Olives.
45. Dome of the Ascension.
46. Valleys of Jehoshaphat and Hinnom.
47. Jerusalem, from Mount of Olives—North.
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14. " "
15. Snake Charmers.
16. Caves of Elephanta.
17. " "
18. Poonah.
19. Parbutta, Poonah.
20. Tower of Silence.
21. Baroda.</p> | <p>22. Baroda—State Elephants.
23. Baroda—Elephant Fight.
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25. Colomho.
26. Kandy—Old Palace of Sacred Tooth.
27. Devil's Dance.
28. Elephant Hunting, Ceylon.
29. Madras.
30. Tank and Temple, Conjeveram.
31. Temple at Bailoor.
32. Great Temple at Bobeneswar.
33. Juggernaut.
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35. Portrait of Nawab, or Mohammedan Prince.
36. Reception—Native Princes.
37. Nautch Girl.</p> | <p>38. Benares—Ghat.
39. " Group of Priests.
40. Portrait of Hindoo Rajah.
41. Cawnpore—Ghat.
42. " Memorial Well.
43. Bithoor—Nana Sahib's Home.
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45. The Imambara.
46. Taboot.
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48. Taj Mahal.
49. Chandi Chnch—Principal Street in Delhi.
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| 4. Eleazar at House of Bathael | 13. Pharaoh's Host Drowned. | 20. Solomon's Reception of the Queen of Sheba. |
| 5. Arrival of Rebecca. | 14. Jephtha's Daughter Meeting her Father. | 21. Espousal of Esther by Ahasuerus. |
| 6. Jacob's Dream. | 15. Samson Betrayed by Delilah. | 22. Esther Implores Ahasuerus. |
| 7. Jacob Waters the Flock of Rachel. | 16. David Returns Conqueror of Goliath. | 23. The Feast of Belshazzar. |
| 8. Joseph Sold by his Brothers | | 24. Daniel in the Lion's Den. |
| 9. Joseph's Coat Brought to Jacob. | | |

New Testament.

48 Views, with Lecture. \$24.00.

**** This Set can also be furnished in style of Finely-Colored Photographs. \$72.00 per Set.**

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| 1. The Annunciation. | 16. The Sermon on the Mount. | 31. The Poor Widow's Mites. |
| 2. The Angel Appearing to the Shepherds. | 17. Christ Healing the Sick. | 32. The Good Shepherd. |
| 3. Babe of Bethlehem. | 18. Raising the Daughter of Jairus. | 33. Christ Weeping over Jerusalem. |
| 4. Magi Guided by the Star. | 19. Christ Walk'g on the Water. | 34. The Last Supper. |
| 5. Adoration of the Magi. | 20. The Miracle of the Loaves and Fishes. | 35. The Agony in the Garden. |
| 6. Presentation in the Temple. | 21. The Transfiguration. | 36. Christ Rejected. |
| 7. The Flight into Egypt. | 22. Prodigal Son, "The Carrionsal." | 37. Christ Bearing the Cross. |
| 8. The Shadow of the Cross. | 23. " the Swine Herd. | 38. Christ Arriving at Calvary. |
| 9. The Return to Nazareth. | 24. " the Return. | 39. The Crucifixion. |
| 10. Christ Disputing with the Doctors. | 25. Christ Blessing Children. | 40. Golgotha, "It is Finished." |
| 11. St. John Preaching in the Wilderness. | 26. Mary Magdalene Washing the Feet of Jesus. | 41. The Descent from the Cross. |
| 12. The Baptism of Christ. | 27. Christ and the Rich Young Man. | 42. The Body of Christ Laid in the Tomb. |
| 13. Christ Tempted by the Devil. | 28. The Parable of the Lilies. | 43. First Easter Dawn. |
| 14. Christ and the Woman of Samaria. | 29. Christ Outcast of the People | 44. The Resurrection of Christ. |
| 15. Christ Preaching by the Sea of Galilee. | 30. Christ's Entry into Jerusalem. | 45. The Marys at the Tomb. |
| | | 46. Easter Morning. |
| | | 47. The Journey to Emmaus. |
| | | 48. The Ascension of Christ. |

Bunyan's Pilgrim's Progress.

43 Views, with Lecture. \$21.50.

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| 1. Portrait of Bunyan. | 17. The Man in the Cage. | *33. Christian and Hopeful at the Stile of Bypath Meadow. |
| 2. Bunyan Alarmed for the Salvation of his Soul. | *18. Christian's Burden Falls off. | 34. Christian and Hopeful found Asleep by Giant Despair. |
| 3. Bunyan Listens to Three Women. | *19. The Three Shining Ones. | 35. The Giant Beats his Prisoners. |
| 4. Bunyan Parting with his Wife and Children. | *20. Christian in the Arbor. | *36. Christian and Hopeful Escape from the Dungeon. |
| 5. Bunyan's Tomb. | *21. " at the Door of Palace Beautiful. | *37. Christian and Hopeful on the Delectable Mount'ns. |
| *6. Christian Read'g his Book. | *22. " Armed. | 38. Victims of Giant Despair Among the Tombs. |
| *7. " and Evangelist. | *23. " Defeats Apollyon. | 39. Little Faith Robbed. |
| *8. " Pliable and Obstinate. | *24. " Returns Thanks. | *40. The Pilgrims in View of the Celestial City. |
| *9. " Helped out of the Slough. | *25. The Valley of the Shadow of Death. | *41. The Pilgrims Cross the River of Death. |
| *10. Worldly Wiseman. | 26. Faithful Lifts Christian. | 42. The Pilgrims Ascend the Hill under Escort. |
| *11. Christian Under Sinai. | *27. Vanity Fair. | 43. Ignorance Thrust into Hell. |
| *12. " Knocking at the Gate. | *28. Death of Faithful. | |
| *13. Goodwill Shows Christian the Way. | *29. Christian and Hopeful enter into a Brotherly Covenant. | |
| *14. Passion and Patience. | *30. Lady Feigning's Daughter | |
| 15. The Fire Burning. | 31. Christian Replies to By-ends and Friends. | |
| 16. The Man with the Stout Countenance. | *32. The Pilgrims Rest by the River of the Water of Life. | |

* Those marked thus are Photographed from Life.

The Solar System.

50 Views, with Lecture. \$25.00.

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| <ol style="list-style-type: none"> 1. Introduction. 2. Relative Sizes of the Sun and Planets. 3. Apparent Size of the Sun as visible from the Planets. 4. Telescopic View of Solar Disc. 5. Typical Sun Spot. 6. Zones of Sun Spots. 7. Comparative Sizes of the Principal Planets. 8. Phases of an Inferior Planet 9. Comparative Sizes of Venus and Earth. 10. Telescopic Appearances of Venus. 11. Constant Inclination of the Earth's Axis to the Ecliptic. 12. The Seasons. 13. Curvature of the Earth's Surface. 14. Full Moon. 15. The Tides. | <ol style="list-style-type: none"> 16. Lunar Eclipses. 17. Solar Eclipses, 1836 to 1860. 18. Total Solar Eclipse. 19. Views of Solar Prominences 20. Moon at First Quarter. 21. Moon at Third Quarter. 22. Triestnecker. 23. Ideal Lunar Landscape. 24. Views of Mars. 25. Comparative Sizes of Jupiter and Earth. 26. Comparative Sizes of Saturn and Earth. 27. Views of Saturn. 28. " " " 29. Orbits of Uranian Satellites. 30. Diagram Explaining Discovery of Neptune. 31. A Shooting Star. 32. A Meteoric Shower. 33. Ring of Meteoric Bodies Round the Sun. 34. Great Comet of 1811. 35. Halley's Comet. | <ol style="list-style-type: none"> 36. Donati's Comet. 37. Coggia's Comet. 38. The Celestial Sphere and Diurnal Motion. 39. The Northern Circumpolar Stars. 40. Ursa Major and Ursa Minor. 41. Part of the Constellation "Gemini," as seen with the Naked Eye. 42. Part of the Constellation "Gemini," as seen with Telescope. 43. The Northern "Milky Way." 44. Herschell's Theory of the Universe. 45. Multiple System of Stars. 46. Star Clusters. 47. Annular Nebulae. 48. Nebula in Canes Venatici. 49. The Great Nebula in Orion. 50. Central Part of the Orion Nebula. |
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Microscopic Revelations: or, A Peep into Nature through the Microscope.

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| <ol style="list-style-type: none"> 1. Human Flea. 2. Human Male Flea. 3. Flea of Dog. 4. Flea of Sand Martin. 5. Flea of Mole. 6. Proboscis of Blow Fly. 7. Proboscis of Blow Fly—Minute Structure. 8. Eye of Fly. 9. Foot of Fly. 10. Spracle of Fly. 11. Silkworm. 12. Structure of Air Tubes. 13. Spracle of Larva of Cockchafer. 14. Wing of Butterfly. 15. " Scales of Blue Butterfly 16. Antennæ of Vaporer Moth. 17. Tongue of Honey Bee. 18. Hind Wings of Bee, Hooklets. | <ol style="list-style-type: none"> 19. Sting of Hornet. 20. Saws of Saw Fly. 21. Tongue of Cricket. 22. Gizzard of Cricket. 23. Chirping File and Drum of Cricket. 24. Sheep Tick. 25. Human Bug. 26. Parasite on Pig. 27. Aphid. 28. Aphid—Male. 29. Spider. 30. Mouth of Spider. 31. Spinneret of Spider. 32. Foot of Spider. 33. Calaminstrum on Leg of Spider. 34. Red Earth Mite. 35. Cheese Mites. 36. Parasite on Beetle. 37. Tape Worm of Cat. | <ol style="list-style-type: none"> 38. Palate of Garden Snail. 39. Palate of Haliotis—Polarized. 40. Section of Stem of Exogen. 41. Brazilian Wood—Annual Rings of Growth. 42. Plane Tree—Medullary Rays 43. Plane Tree—Vertical Section across the Rays. 44. Section of Stem of Endogen 45. Cuticle of Leaf—Stomata. 46. Sea Weed—Polysiphonia. 47. Volvex Globator. 48. Recent Diatoms. 49. Fossil Diatoms. 50. Foraminifera. 51. Chalk. 52. Deep Sea Soundings. 53. Stem of Plant in Coal. 54. Oolitic Limestone. |
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Microscopic Gems from the Three Kingdoms of Nature.

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| <ol style="list-style-type: none"> 1. Trichinae in Human Muscles 2. " in Tongue of Rabbit. 3. Human Liver—Healthy. 4. " Drunkard's. 5. " Tooth—Section. 6. Tooth of Sawfish—Transverse Section. 7. Human Bone—Trans. Sec. 8. Bone of Mammal—Tapir. 9. " Bird—Albatross. 10. " Reptile—Alligator. 11. Horn of Bison. 12. " Rhinoceros—Transverse Section. 13. " Rhinoceros—Long Section. 14. Whalebone of the Bottlenosed Whale. 15. " of the South Sea Whale 16. Hair of Rat. 17. Quill of Porcupine—Transverse Section. 18. Feather of Goldfinch. | <ol style="list-style-type: none"> 19. Cell Structure—Rice Paper Plant. 20. Starch Grain—Polarized. 21. Raphides of the White Lily. 22. Sphæraphides of the Prickly Pear. 23. Ivory Nut—Section. 24. Stellate Cells of the Rush. 25. Spiral Fibre of the Collomia Seed. 26. Woody Fibre of Pine Wood. 27. Stem of the Pepper Plant—Transverse Section. 28. " of the Bamboo—Transverse Section. 29. " of the Sarsaparilla—Transverse Section. 30. " of the Bracken. 31. Fructification of a Fern—Maiden's Hair. 32. Scales of a Fern. 33. Stellate Hairs and Scales of Sallow Thorn. | <ol style="list-style-type: none"> 34. Leaf of Sundew—Insectivorous Plant. 35. Cuticle of the Dutch Rush. 36. Ovary of the Tiger Lily. 37. Diatom—Heliopelta. 38. " Triceratium. 39. " Pinnularia. 40. Cinchona Bark—Trans. Sec. 41. Bisulphate of Quinine—Polarized. 42. Quinate of Quinine—Polarized. 43. Chloride of Morphia—Polarized. 44. Salicine—Polarized. 45. Epsom Salts—Oblique Light 46. Platino-Cyanide of Magnesium—Polarized. 47. " of Potassium. 48. Pitchstone—Section. 49. Granite—Section. 50. Calcedony. |
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Marley's Ghost: A Christmas Carol.

By CHARLES DICKENS (from Life Models).

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|-----------------------------------|-------------------------------------|--------------------------------------|
| 1. Scrooge's Office. | 9. <i>Effect.</i> Ali Baba. | 18. Same as 6—Scrooge's Bed-room. |
| 2. Doorway of Scrooge's House. | 10. <i>Effect.</i> Robinson Crusoe. | 19. <i>Effect.</i> Christmas Future. |
| 3. <i>Effect.</i> Marley's Face. | 11. Fezziwig's Ball. | 20. On 'Change. |
| 4. Scrooge's Sitting-room. | 12. Scrooge's First Love. | 21. Marine Store Dealer's. |
| 5. <i>Effect.</i> Marley's Ghost. | 13. Husb'd, Wife, and Daughter | 22. Interior of Cratchit's House |
| 6. Scrooge's Bedroom. | 14. Christmas Present. | 23. The Churchyard. |
| 7. <i>Effect.</i> Christmas Past. | 15. Bob Cratchit's Home. | 24. Buying Turkey at Door. |
| 8. The School-room. | 16. Miner's Cottage. | 25. Inter'r of Nephew's House. |
| | 17. Nephew's House. | |

The Chimes.

By CHARLES DICKENS.

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| 1. The Goblins of the Chimes. | 10. Trotty at Sir Joseph Bow-ling's. | 18. He Sat Staring Vacantly. |
| 2. Trotty in the Wet. | 11. Trotty Meets Will Fern. | 19. The Forlorn Mother. |
| 3. Trotty by the Church Porch. | 12. Trotty and his Guest. | 20. The Desperate Mother. |
| 4. Trotty Smells his Dinner. | 13. The Fireside Nap. | 21. The Intended Murder and Suicide. |
| 5. Chimes Saying Grace. | 14. The Chimes Obeyed. | 22. Awakening. |
| 6. Dinner on the Steps. | 15. The Spirit of the Chimes. | 23. Will Fern Finds his Friend. |
| 7. Dinner Interrupted. | 16. The Vision of Death. | 24. Trotty Leads off the Dance. |
| 8. Hopes "Put Down." | 17. Meg and Richard. | |
| 9. The Two Porters. | | |

The Old Curiosity Shop.

By CHARLES DICKENS.

24 Views, with Lecture. \$12.00.

The Wanderings of Little Nell and her Grandfather. Illustrated from Life.

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| 1. Master Humphrey and Nell. | 10. Messrs. Codlin, Short and Company. | 17. "See, here's the church!" |
| 2. The Old Curiosity Shop. | 11. The Garret, Nell and Codlin. | 18. "This old house is yours." |
| 3. Quilp's Home. | 12. "They venture to sit down to rest." | 19. Nell's Visit to the Church. |
| 4. Swiveller's Apartments. | 13. They Approach the Village Schoolmaster. | 20. "She came unexpectedly upon the Schoolmaster." |
| 5. The Last Night in the Old Curiosity Shop. | 14. Mrs. Jagsley at Tea. | 21. "They say that you will be an angel." |
| 6. "Shed him gently away." | 15. The Waxwork Exhibition. | 22. At Rest. |
| 7. "They made their frugal breakfast." | 16. Nell's Nocturnal Visit to her Grandfather. | 23. "The villagers close around the grave." |
| 8. A Serio-Comic Scene. | | 24. Her Grandfather at the Grave. |
| 9. "She walked out into the churchyard." | | |

Gabriel Grub.

17 Views, with Lecture. \$11.00.

Dickens' well-known Story of the Sexton who was Stolen by the Goblins.

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|---|---|---|
| 1. Introduction. | 6. He found himself in a large dark cavern. | *13. The few who yet survived then knelt by their tomb. |
| 2. An Old Abbey Town. <i>This is a moving Panorama slide, showing the Public House, the Road, and the old Church.</i> | 7. A thick cloud rolled gradually away. | 14. A rich and beautiful landscape was disclosed. |
| *8. He sat himself down on a flat tombstone. | *8. A crowd of little children were gathered round. | *15. Lying at full length on the tombstone. |
| 4. Close to him was a strange unearthly figure. | *9. He was wet and weary. | *16. The lantern, the spade, and the wicker bottle. |
| 5. Playing at leapfrog with the tombstones. | *10. Then he sat down to his meal. | *17. He told his story to the Clergyman and to the Mayor. |
| | *11. The fairest and youngest child lay dying. | |
| | *12. The father and mother, old and helpless now. | |

Those marked with a star (*) are taken from life.

Bible Manners and Customs.

30 Views, with Lecture. \$15.00.

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| 1. An Arab Encampment. | 11. Plan of Syrian House. | 21. Horns. |
| 2. Tents. | 12. Putting off Shoes. | 22. Ear-rings and Nose-rings. |
| 3. Door of a Tent. | 13. Salutations. | 23. Money. |
| 4. Handing Water to Travelers. | 14. Washing the Hands. | 24. Writing. |
| 5. Bottles. | 15. Sitting at Meat. | 25. Books. |
| 6. Mills. | 16. Pottery. | 26. Tombs. |
| 7. Ploughing. | 17. Musical Instruments. | 27. Mourning at the Grave. |
| 8. Threshing. | 18. Beds. | 28. War Chariot. |
| 9. The Wine Press. | 19. Marriage Procession. | 29. Armor. |
| 10. Flat Roofs of Houses. | 20. Lamps. | 30. Ships. |

Animal Sagacity.

24 Views, with Lecture. \$12.00.

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|-----------------------------|------------------------------|--------------------------------|
| 1. Introduction. | 9. Performing Monkeys. | 17. "Hold him fast, Mother." |
| 2. Mare and Foal. | 10. A Sly Fox. | 18. Sparrow and Nest. |
| 3. Music-loving Horses. | 11. Sheep and Lambs. | 19. A Clever Cat. |
| 4. Arabian Horses and Lamb. | 12. A Useful Pilot. | 20. A Strange Foster-child. |
| 5. The Nose-bag. | 13. Goat and Kids. | 21. A Four-footed Groom. |
| 6. A Donkey Gatekeeper. | 14. Cow Working a Pump. | 22. "Gelert" Killing the Wolf. |
| 7. A Useful Servant. | 15. Bull Tamed by Lightning. | 23. "Baby." |
| 8. "A Good Ducking." | 16. Performing Birds. | 24. The Catastrophe. |

The Life Boat.

From Life Models.

7 Views, with Poem. \$3.50.

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| 1. "This ain't what we calls rough." | 3. I knelt by her side and prayed. | 5. In hail of the vessel. |
| 2. The beach here was strewed with wreckage. | 4. You're wanted. | 6. I stretched out my hand. |
| | | 7. By the bedside were my wife and Jack. |

Beautiful Snow.

5 Views, with Poem. \$2.50.

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| 1. Oh! the snow, the beautiful snow. | 3. Once I was fair as the beautiful snow. | 5. Sinner, despair not! Christ stoopeth low. |
| 2. Over the crust of the beautiful snow. | 4. The veriest wretch that goes shivering by. | |

Human Physiology Popularly Explained;

OR, THE HOUSE WE LIVE IN.

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|--|---|---|
| 1. Introductory Slide. | 20. Gastric Glands—Structure of the Intestines. | 38. Section of Brain, showing Twelve Pairs of Nerves. |
| 2. Human Skeleton. | 21. Systematic Circulation. | 39. Under Surface of Brain, showing Twelve Pairs of Nerves. |
| 3. Skull—Side View. | 22. Heart and Lungs—Exterior. | 40. Spinal Cord. |
| 4. "Front, Top, and Section. | 23. Heart—Interior, Right Side. | 41. Touch—Nerve Endings in Skin. |
| 5. Vertebral Column. | 24. Blood Corpuscles—Human and Comparative. | 42. Smell—Sections of Nose. |
| 6. Pelvis. | 25. Pulmonary Circulation. | 43. Taste—Tongue. |
| 7. Ribs. | 26. Trachea—Lungs, Half Section. | 44. Sight—Sections of Eye. |
| 8. Clavicle, Scapula, Arm, and Hand. | 27. Transverse Section of Thorax. | 45. "Minute Structures of Eye. |
| 9. Hip, Leg, and Foot. | 28. Cavity of Thorax—Diaphragm. | 46. "Muscles of Eye and Lachrymal Apparatus. |
| 10. Ligaments. | 29. Minute Structure of Lungs. | 47. Hearing—Ear. |
| 11. Effects of Tight Lacing on the form of the Skeleton. | 30. Absorbent System. | 48. Speaking—Larynx, etc. |
| 12. Muscular System. | 31. Lymphatics. | 49. Minute Structure of Bone. |
| 13. Natural Levers. | 32. Kidney—Exterior and Section. | 50. Minute Structure of Teeth. |
| 14. Viscera of Human Body. | 33. Renal Circulation. | 51. Minute Structure of Muscle. |
| 15. Course of Ingesta. | 34. Sections of Skin. | 52. Structure and Growth of Nails and Hair. |
| 16. Jaws. | 35. Liver, etc. | |
| 17. Kinds of Teeth. | 36. Cerebro-spinal System. | |
| 18. Salivary Glands. | 37. Ganglionic System. | |
| 19. Liver, Pancreas, Stomach—Interior. | | |

The Jackdaw of Rheims.

Original Designs.

12 Views, with Lecture. \$6.00.

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|---|--|---|
| 1. The Jackdaw of Rheims. | 5. He peeps, and he feels in the toes and the heels. | 9. And off that terrible curse he took. (<i>For this repeat No. 6.</i>) |
| 2. The Jackdaw sat on the Cardinal's chair. | 6. He called for his candle, his bell, and his book. | 10. Or slumbered in prayer time |
| 3. And he peered in the face of his Lordship's Grace. | 7. They all cried "that's him." | 11. In the odor of sanctity died. |
| 4. And six little singing boys, dear little souls. | 8. The first thing they saw. | 12. The conclave determined. |
| | | 13. Saint Jim Crow. |

Trap to Catch a Sunbeam.

Illustrated from Life.

15 Views, with Lecture. \$7.50.

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| 1. David Smoking and Ruminating. | 5. You're my son, ain't you my blessing. | 10. I think he's lost. |
| 2. David Starting to his Feet in Terror. | 6. Bless you, this is real charity. | 11. Good David. |
| 3. The Spirit. | 7. The Rescue. | 12. The mother clasped her lost treasure. |
| 4. David's Visit to Mrs. Dennis. | 8. David's Astonishment. | 13. David in Church. |
| | 9. David and Mrs. Dennis Shaking Hands. | 14. The Visit to David. |
| | | 15. The Bible Read to David. |

Friendless Bob.

Illustrated from Life.

18 Views, with Lecture. \$9.00.

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| 1. The Missionary on the Common. | 6. Bob Passes the Night with Jerry. | 13. Ethel Confiding in Bob. |
| 2. The Missionary Makes Acquaintance with Bob. | 7. Bob at Breakfast. [Jerry. | 14. Granny, what does a donkey cost? |
| 3. Bob has a New Idea. | 8. Bob and his Grandmother. | 15. Bob in Tears. |
| 4. Bob Makes a Friend of Jerry. | 9. On the Sands. | 16. Preaching on the Sands. |
| 5. Bob's Arrival at the Cottage | 10. Ethel Rides Jerry. | 17. The Walk Along the Beach. |
| | 11. Mr. Fortesque Chastises the Donkey Boy. | 18. Mrs. Brown Divulges the Secret. |
| | 12. Bob Worsted in the Fight. | |

Christie's Old Organ.

Illustrated from Life.

24 Views, with Lecture. \$12.00.

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|-------------------------------|---|------------------------------------|
| 1. Introduction. | 10. Christie Calls the Doctor. | 17. Mabel Sends Flowers to Treffy. |
| 2. Treffy at Home. | 11. Christie Tells Treffy only a Month. | 18. Minister Visits Old Treffy. |
| 3. Christie Listening. | 12. Mabel Learns to Play. | 19. Treffy's Death. |
| 4. Treffy's Fall. | 13. Mabel Points to Heaven. | 20. The Vision. |
| 5. Christie and Treffy Alone. | 14. Christie Outside Mission Hall. | 21. Christie Alone. |
| 6. Treffy's Last Out. | 15. Interior of Mission Room. | 22. Christie Overcome. |
| 7. Treffy Low-spirited. | 16. The Minister and Christie. | 23. Christie Ill. |
| 8. Christie's First Out. | | 24. Minister Visits Christie. |
| 9. First Visit to Mabel. | | |

Jane Conquest, New Edition.

This Poem has been re-written by Dr. Croft, late Honorary Managing Director of the Royal Polytechnic, London.

19 Views, with Poem. \$9.50.

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|---|--|---|
| 1. Introductory. | *9. And grasped the rope, sole cord of hope. | *15. He finds her lying there. |
| *2. And her child was dying. | *10. And then it ceased its ringing. | *16. 'Tis Harry Conquest. |
| *3. Up to her feet rose she. | 11. Midst the breakers. | *17. The suffering Boy, her darling Boy. |
| *4. She saw a gallant ship. | 12. Saved from the wreck. | *18. Her darling Boy, with angel. |
| *5. She sank to her knees. | *13. Within the silent darkened room. | 19. <i>Angel effect</i> , to use in combination with Nos. 5 and 17. |
| *6. <i>Angel effect</i> . Take though my boy. | *14. Sinks fainting on the ground. | |
| 7. The snow lay deep. | | |
| 8. Stood the old grey church. | | |

* From Life Models, suggested by Dr. Croft.

The Life of Mary Queen of Scots.

Illustrated by Life Models.

24 Views, with Lecture. \$12.00.

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| <ol style="list-style-type: none"> 1. Linlithgow Palace. 2. Stirling Castle. 3. It was the stately convent. 4. And there five noble maidens sat. 5. Cathedral of Notre Dame, Paris. 6. It was the gay Court. 7. Palace of the Louvre, Paris. 8. And on its deck a lady sat. 9. Holyrood, Edinburgh. | <ol style="list-style-type: none"> 10. Sat Mary listening to the rain. 11. She bade the minstrel play. 12. The faithful Rizzio's slain. 13. Edinburgh Castle. 14. Craigmillar. 15. She wrote the words. 16. Loch Leven Castle. 17. She staid her steed upon the hill. | <ol style="list-style-type: none"> 18. South Wingfield Manor-House. 19. Mary's Bower, Chatsworth. 20. Workop Manor. 21. Beside the block a sullen headman stood. 22. And on the scaffold now she stands. 23. Her neck is bared—the blow is struck. 24. Queen Mary's Tomb, Westminster Abbey. |
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The Life of Lady Jane Grey.

Illustrated by Life Models.

24 Views, with Lecture. \$12.00.

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| <ol style="list-style-type: none"> 1. Introductory. 2. Sudeley Castle, Gloucestershire. 3. Lady Jane Grey and Robert Ascham. 4. St. John's Gate. 5. Sion House, Isleworth. 6. Northumberland announcing the King's death to Jane. 7. "I raised myself on my knees and prayed to God." 8. View of the Tower of London from the River. | <ol style="list-style-type: none"> 9. The High Officers of State offering the crown to Lady Jane. 10. Interview between Lord Guilford Dudley and Lady Jane. 11. The White Tower. 12. Interior of St. John's Chapel. 13. Lady Jane perceived ather feet an axe! 14. Framlingham Castle, Suffolk. 15. Lady Jane under Royal Canopy. 16. Lady Jane a Prisoner. Suffolk announcing Jane's dethronement. | <ol style="list-style-type: none"> 17. Lieutenant's Lodgings in the Tower. 18. Beauchamp Tower. 19. Interior of Guildhall. 20. Mary signing death warrant. 21. The Abbot of Westminster endeavours to induce Lady Jane to renounce the Reformed Faith. 22. Lady Jane sees Dudley go to execution. 23. Execution of Lady Jane Grey. 24. Interior of St. Peter's Chapel. |
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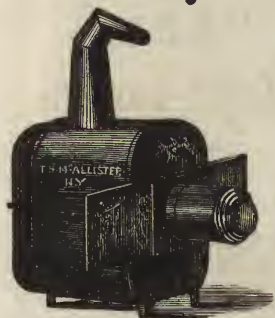
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The Boys' and Girls' Magic Lantern.



In Black Japanned Case, with—

- 6 Long Views, Humorous Subjects, brilliantly colored.
- 2 Revolving Views, to produce the Chinese Fireworks.
- 1 Comic View, with Life-like motion to the figure.

All packed in two neat Boxes.

- No. 1, with Condensing Lenses, 1 $\frac{3}{4}$ inches... \$5 00
- “ 2, “ “ “ 2 $\frac{1}{4}$ “ ... 10 00
- “ 3, “ “ “ 2 $\frac{3}{4}$ “ ... 15 00

The larger the Condensing Lenses are, the more light can be condensed from the Lamp, and the pictures more highly magnified.

Nursery Tales, Comic Subjects, &c.

IN SETS OF 12 SLIDES.—Colored.



1 $\frac{1}{2}$ inch. x 7 inches, per Set... \$1 00	2 $\frac{1}{4}$ inches x 9 inches, per Set... \$2 00
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GEM MAGIC LANTERN SLIDES,

Embracing a good selection of Views for the entertainment of children. Designed to accompany the GEM MAGIC LANTERN, but can be used in any other Magic Lantern of same capacity.

In Sets of 12 Slides, 2 $\frac{1}{4}$ inches wide by 9 inches long, colored; with 4 or 5 figures on each Slide. Price, \$2.00 per Set.

<p>SET No. 1.—3 slides, Cinderella; 3 Blue Beard; 3 Hop o' My Thumb; 3 Little Red Riding Hood.</p> <p>No. 2.—8 slides, Hop o' My Thumb; 4 Comic Subjects.</p> <p>No. 3.—8 slides, Cinderella; 4 Comic Figures.</p> <p>No. 4.—6 slides, Blue Beard; 6 Caricatures.</p> <p>No. 5.—6 slides, Jules Verne's Around the World in 80 Days; 6 La Fille de Madame Angot.</p> <p>No. 6.—6 slides, Robinson Crusoe; 6 Sleeping Beauty.</p> <p>No. 7.—6 slides, Hunting Scenes; 6 Laughable Designs.</p> <p>No. 8.—6 slides, Landscapes; 6 Amusing.</p> <p>No. 9.—12 slides, Mishaps of a Meddlesome Boy.</p>	<p>SET No. 10.—12 slides, Esop's Fables.</p> <p>No. 11.—12 slides, Gulliver's Travels.</p> <p>No. 12.—12 slides, New Testament.</p> <p>No. 13.—6 slides, Animals; 6 Miscellaneous.</p> <p>No. 14.—4 slides, Punchinello; 4 Farm Life; 4 Comic.</p> <p>No. 15.—6 slides, Puss in Boot; 6 Amusing.</p> <p>No. 16.—9 slides, Spanish Bull Fights; 3 Amusing.</p> <p>No. 17.—12 slides, Aladdin; or, the Wonderful Lamp.</p> <p>No. 18.—10 slides, Paul and Virginia; 2 Comic.</p> <p>No. 19.—6 slides, Forty Thieves; 6 Comic.</p> <p>No. 20.—3 slides, Red Riding Hood; 9 Comic.</p> <p>No. 21.—6 slides, Don Quixote; 6 Comic.</p> <p>No. 22.—12 slides, Caricatures.</p>
--	--

Comic Slides with movement, adapted for the Gem Magic Lantern; on glass, 2 $\frac{1}{4}$ by 4 inches. 35 cents each.

McAllister's
"GEM"
 Magic Lantern.

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"GEM"
 Magic Lantern.

WITH FULL DIRECTIONS.

A new style of Magic Lantern, designed especially for the young; and intended to supersede the imported "Toy" Magic Lanterns over which it possesses the following advantages:



WITH FULL DIRECTIONS.

A new style of Magic Lantern, designed especially for the young; and intended to supersede the imported "Toy" Magic Lanterns over which it possesses the following advantages:

- 1.—The **BODY** of the **GEM MAGIC LANTERN** is convenient in form—is substantially made of strong tin, neatly japanned, and will last for years.
- 2.—The **LENSES** of the **GEM MAGIC LANTERN** are of excellent quality, accurately ground and polished, and define the Views clearly upon the Screen.
- 3.—The **LIGHT** of the **GEM MAGIC LANTERN** is obtained by the use of an improved Candle in a patented carrier which keeps the flame constantly in the central line of the Lenses, and yields a good illumination. As there is no oil or fluid of any kind, cleanliness is the result, and a child can safely operate The Gem Magic Lantern without difficulty.
- 4.—The **MAGNIFYING POWER** of the **GEM MAGIC LANTERN** is abundant, and the Views can be distinctly enlarged to 3 feet in diameter, or larger.
- 5.—The **SLIDES** of the **GEM MAGIC LANTERN** are neatly finished and highly colored; illustrating Fairy Tales, Caricatures, Comic Subjects, Popular Nursery Tales, Bible History, etc. (See List of Gem Slides, on preceding page.)
- 6.—The **PRICE** of the **GEM MAGIC LANTERN** is lower than that of any other Magic Lantern in the market, of equal size and capacity.

The **GEM MAGIC LANTERN** is of cylindrical shape; 6 inches diameter, 9 inches high, on firm base, with hinged door. The Condensing Lens 2½ inches diameter.

THE GEM MAGIC LANTERN, HOLIDAY OUTFIT.
 Consisting of the Gem Magic Lantern, with 24 Gem Slides, 2¼ inches wide, 9 inches long, having 4 or 5 figures on each Slide; Screen, 6 feet square, with loops by which to suspend it; 12 Gem Candles; all packed in neat Walnut Case, with lock and key **\$10.00**

The **GEM MAGIC LANTERN**, with 24 Gem Slides, 2¼ inches wide, 9 inches long, having 4 or 5 figures on each Slide **8.00**

The **GEM MAGIC LANTERN**, with 12 Gem Slides, 2¼ inches wide, 9 inches long, having 4 or 5 figures on each Slide **7.00**

The **GEM MAGIC LANTERN**, without Slides **5.00**

GEM SLIDES, Fairy Tales, Nursery Tales, Caricatures, etc., on Slides 2¼ inches wide, 9 inches long. Per Set of 12 Slides **2.00**

GEM COMIC SLIDES, with movable effect . . . each . . . **.35**

GEM CANDLES, per dozen . . . **.75**

 See **GEM MAGIC LANTERN SLIDES**, on preceding page.

* * * The Gem Magic Lantern can be supplied with a Kerosene Lamp in place of the Candle, if desired.

T. H. McALLISTER'S ILLUSTRATORS' MICROSCOPE.

A PROFITABLE ATTRACTION

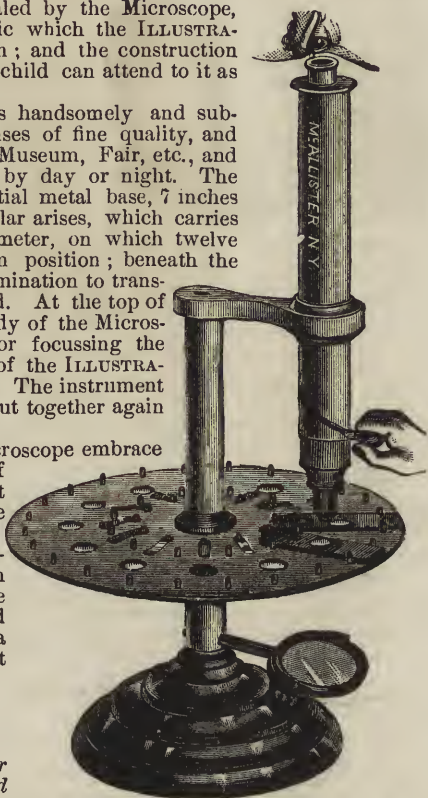
For Street Exhibition, Dime Museums, Side Shows, Fairs, etc., etc.

(PATENT APPLIED FOR.)

The wonders of nature, as revealed by the Microscope, are a sealed book to the general public which the ILLUSTRATORS' MICROSCOPE is designed to open; and the construction of the instrument is so simple that a child can attend to it as well as the most learned Professor.

The ILLUSTRATORS' MICROSCOPE is handsomely and substantially made, is furnished with lenses of fine quality, and will prove a great attraction in any Museum, Fair, etc., and also for out door exhibition, either by day or night. The Microscope is mounted on a substantial metal base, 7 inches in diameter, from which a central pillar arises, which carries a revolving stage, 10 inches in diameter, on which twelve objects are placed and firmly held in position; beneath the stage is a concave mirror to give illumination to transparent objects while being examined. At the top of the pillar is an arm supporting the body of the Microscope, with convenient adjustment for focussing the lenses on the object. Total height of the ILLUSTRATORS' MICROSCOPE is about 18 inches. The instrument can be taken apart for packing, and put together again in a moment, and is very portable.

The objects furnished with the Microscope embrace a variety of interesting specimens of Natural History, giving a rare insight into the details of insect and vegetable life, and with the accompanying printed description there will be no difficulty in giving to each observer much valuable information concerning the objects. These objects are mounted each on a glass slide, 3 x 1 inch, with a glass cover cemented over the object to protect it from injury.



DIRECTIONS.

Having the objects arranged in order on the revolving stage, and the focus and illumination adjusted, it merely remains to apply the eye to the eye-piece, and revolve the stage by the hand, when the objects will be brought in succession beneath the eye of the observer.

The ILLUSTRATORS' MICROSCOPE, complete as shown above, with twelve interesting objects of Natural History, and accompanying printed description of each object, also, a glass slide with concave cell for Microscopic examination of fluids, etc.: **\$35.00**, in Brass Finish. **\$37.50**, in Nickel Plate.

Additional objects in great variety, all mounted in uniform size on glass slide 3 x 1 inch, **\$5.00** per dozen.

A collection of 48 interesting objects, *second quality*, mounted on smaller slides, **\$5.00** for the set of 48 objects.

Walnut Case, lock and key, with handle, **\$5.00**. Brass Lamp, nickel plated, for evening exhibitions, **\$3.00**.

The ILLUSTRATOR'S MICROSCOPE can be profitably employed by lecturers traveling with a Magic Lantern or Stereopticon to work up their leisure hours through the day, and also as an additional attraction for their evening entertainments; a small fee being charged to each observer.

Profitable Exhibitions for Day or Night. REVOLVING STEREOSCOPES.



The cases of the *Revolving Stereoscopes* are made of Walnut, handsomely polished, with folding doors at top, having reflectors on their inner surfaces to throw light upon the pictures, which are arranged back to back upon arms extending from an endless chain within the instrument.

On opposite sides of the Revolving Stereoscope are pairs of Lenses by means of which two persons can be viewing the pictures at the same time, which are brought successively into position before their eyes, by turning a handle at one side of the instrument.

The "Stereoscopic Pictures" are mounted on cards about 4 by 7 inches, and are double photographs of renowned scenery in our own and foreign lands, celebrated palaces, cathedrals, and other prominent buildings, statuary, portraits of eminent persons, life groups, etc., etc.

When these are viewed through the Lenses of the Stereoscope, the double pictures are blended into one picture with all the perspective and solidity of the original, and with a truth and beauty which never fail to please.

Prices of the Revolving Stereoscopes without Views.

To hold 50 Views.....	\$10.00
" " 100 "	16.00
" " 300 "	45.00

Stereoscopic Views can be furnished according to quality, at 75 cents, \$1.50, \$3.00, \$4.00, \$5.00, and \$6.00 per dozen.

For public exhibition, the higher priced views are of course the more attractive, particularly those in which the character of the view is improved by brilliant coloring.

It will thus be seen, that an instrument filled with 50 Views, will cost from about \$13.00 to \$35.00, according to the quality of Views selected, and in the same proportion for those holding a larger number of pictures.

COSMORAMA LENSES.

For construction of Cosmoramas in Museums, etc.

3 inch diameter.....	\$1.00 each.
4 " "	1.25 "
6 " "	2 50 "
7 " "	3.00 "

*** Of the above, those of 6 inch diameter are generally preferred, being sufficiently large to allow the observer to use both eyes, which cannot as conveniently be done with those of smaller diameter.*

The Cosmorama Lens is mounted in one side of a box, the picture to be viewed is placed about 2 feet distant, with a good illumination, and when seen through the Lens will appear highly magnified, and with its details clearly defined. When more than one is needed, the Cosmorama Lenses are generally mounted in a wooden partition, 2 or 3 feet apart, and at sufficient height from the floor to enable a person standing to look through them with comfort.

A large variety of colored prints can be furnished at following prices:—

13½ by 17¼ inches—Miscellaneous Subjects.....	\$0.20 each.
25 " 33 " Fine Finish, Hunting Scenes, etc.....	3.00 "
28 " 40 " " " Panoramas of Principal Cities U. S.	4.00 "

*** A complete price list of Cosmorama Pictures forwarded on receipt of postage.*

GEO. H. PIERCE, PHILADELPHIA, PA.

The Musical Casket.

A New Musical Invention, Easily Operated, Ready for Use at any Moment, and affording the Cheapest manner of supplying Music, to give variety to Magic Lantern Entertainments in Small Halls.

EXCELLENT IN TONE. PERFECT IN EXECUTION. A CHILD CAN PERFORM ON IT.

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\$8.00.

Including either of the Rolls of Music named below.

Dimensions—12½ inches Long, 9½ inches Wide, 10 inches High. Weight, 10 Pounds.

The CASKET is a reed musical instrument constructed somewhat on the principle of a Cabinet Organ, and adapted to be automatically operated by simple sheets or rolls of paper (about 8 inches wide) having perforations corresponding to the musical notes. The sheet is placed upon the keys, and passes between the rollers; by turning the crank at the side, the bellows concealed in the body of the instrument are set in motion, and by the same movement of the crank the perforated sheet is drawn over the keys, and the musical notes are produced with entire accuracy and good volume of sound. There is no limit to the variety or style of music, as will be seen from the accompanying list of tunes, that can be furnished.

The CASKET, with its Automatic Music Sheets, represents both Organ and Organist—Music and Musician; so that it is admirably adapted for the purpose, and is not only the latest Musical Wonder, but, the price considered, a most Marvellous Mechanical Musical Instrument.

MUSIC FOR THE MUSICAL CASKET, IN ROLLS OF AN AVERAGE LENGTH OF 25 FEET, PRICE \$1.25 PER ROLL.

POPULAR AIRS.

- ROLL.
- No. 1.—Bonnie Doon; Blue Bells of Scotland; Killarney; Fritz Lullaby.
- No. 2.—Isle of Beauty; When the Swallows; How Can I Leave Thee; Fresh and Strong.
- No. 3.—Flower from Mother's Grave; Nellie Gray; Old Cabin Home; Old Oaken Bucket.
- No. 4.—Robin Adair; Old Folks at Home; Sweet Belle Mahone; Little German Home.
- No. 5.—Sweet Bye and Bye; Wait till the Clouds Roll By; Peek-a-Boo.
- No. 6.—Home, Sweet Home; Auld Lang Syne; Cradle's Empty; My Pretty Red Rose.
- No. 7.—Coming Thro' the Rye; Jessie the Flower of Dumblane; Wi' hin a Mile of Edinboro'; Scotch Lassie Jean.

SACRED MUSIC.

- No. 101.—Nearer My God to Thee; I Need Thee Every Hour; Only an Armour Bearer; Halle-lujah, 'Tis Done; The Home Over There.
- No. 102.—Rock of Ages; Hold the Fort; What a Friend we Have; Shall we Meet Beyond the River; Ring the Bells of Heaven.
- No. 103.—Let the Lower Lights be Burning; Watchman tell us of the Night; The Morn-

ROLL.

- ing Light is Breaking; What shall the Harvest Be; All the way my Saviour Leads.
- No. 104.—Sun of my Soul; Abide with Me; Coronation; Greenville; America.

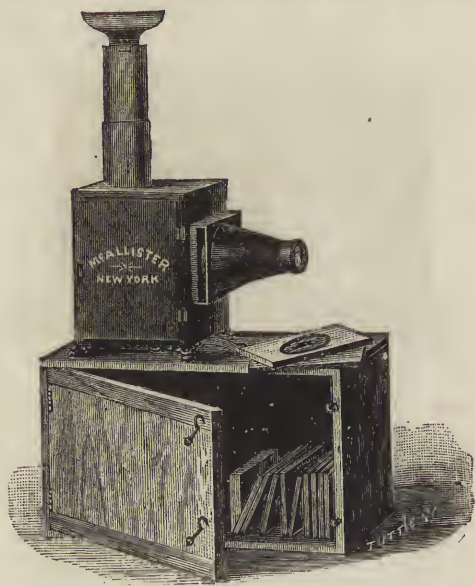
OPERATIC.

- No. 151.—Prithee Pretty Maiden; When I First put this Uniform on; A Japanese Young Man.
- No. 152.—Solo from "Martha;" Air from "Trovatore;" Then you'll Remember Me.

DANCE MUSIC.

- No. 201.—3 Waltzes—Blue Danube; Corn Flower; Little Beauty.
- No. 202.—3 Waltzes—Wine, Women and Song; Evangeline; Home.
- No. 203.—3 Polkas—Bon-Bon; Bric-a-Brac; Legend of the Bells.
- No. 204.—4 Polkas—Jenny Lind; Kutschke; King Pippin; Hattie.
- No. 205.—4 Hornpipes—Fisher's; Speed the Plough; Hull's Victory; Chorus Jig.
- No. 206.—4 Jigs—Girl I Left Behind Me; Soldier's Joy; Devil's Dream; Arkansas Traveller.

T. H. McALLISTER'S LODGE PHANTASMAGORIA.



A frequent objection to the introduction of a Magic Lantern in "Lodge work," has been the apparent difficulty of operating it by one not acquainted with its management; and thus, in the absence of a member who may usually take charge of it, it has sometimes been abandoned as being impracticable.

T. H. McALLISTER'S LODGE PHANTASMAGORIA overcomes all this trouble, and will not fail even in inexperienced hands,—all that is necessary being to follow the few plain directions appended, and place the Lantern in position, when the view will be immediately projected to the screen, no focussing or other adjustment of lenses or light being required.

The **Lodge Phantasmagoria** consists of a substantial and handsomely finished Japanned Case, fitted with first quality Condensing Lenses, $4\frac{1}{8}$ -inch diameter, mounted in Brass, and Concavo convex Object Glasses, also mounted in Brass; and is illuminated by our Patent Bi-Unial Lamp, which yields the greatest intensity of light for Magic Lantern illumination that is possible to be obtained from oil.

The **Lodge Phantasmagoria** is packed in substantial hinged Walnut Box, $18 \times 12 \times 8$ inches; and is accompanied with a first quality Screen, 9 feet square, with rings for suspending it in Hall.

Price, complete as above, - - - - \$30.00

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Popular Stories and Nur-		Magic Lanterns.	Views of Life of Gen.
serary Tales.		A Profitable Business.	Grant.
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GEO. H. PIERCE, PHILADELPHIA, PA.

T. H. McALLISTER'S NEW BI-UNIAL LAMP.

PATENTED APRIL 6th, 1886.

PRICE \$5.00.

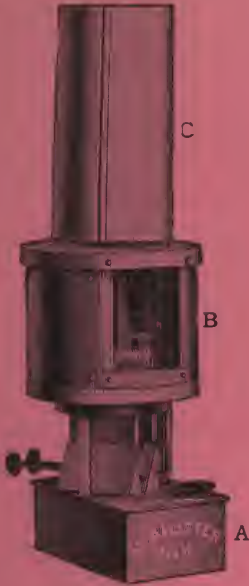


FIG. 1.



FIG. 2.

PRICE \$5.00.

T. H. McAllister's NEW BI-UNIAL LAMP gives the most intense light for Magic Lantern Illumination that can be obtained from oil. It is the result of a long series of experiments, and combines the following important advantages over any other form of oil Light for use in Magic Lanterns.

1. **Brilliance**—resulting from the perfect combustion, the diagonal arrangement of the Wicks, and the Nickel-Plated Reflector which gathers and concentrates light otherwise diffused and lost.
2. **Uniformity of Illumination**—The Light is distributed evenly over the Screen, making one portion of the magnified picture as bright as another, and *obviating any shadow of the flame* which is visible with improperly constructed lamps.

of Metal with exception of a heavy plate of glass chimney to break, no mica chimney to be

gement: all that is necessary being to follow the

33
rate the construction of the New Bi-unial Lamp.
when ready for operation.

parts of which it is composed.

(to corresponding parts.) A.—The Reservoir of Glass in front, and a Nickel-Plated Reflector meet Iron Chimney, fitting above the Dome.

is supplied with our various Apparatus from

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STEREOPTICONS



MAGIC LANTERNS



SOLE AGENT IN PHILADELPHIA FOR THE GOODS MANUFACTURED BY

T. H. McALLISTER, NEW YORK.

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