

DYEING ARTIFICIALLY

The Products of the Laboratory Have Reached Such Perfection That Nature is Outdone.

CHEAP FUEL FROM PETROLEUM.

St. Louis People Have Gone Half Crazy Over the Alleged Healing Qualities of Electric Cars.

MOTORS IN UNDERGROUND TRANSIT.

A Simple Method of Engraving on Leather and Wood Discovered by a Frenchman.

PREPARED FOR THE DISPATCH. A revolution in the dyeing industry dates from the discovery of the first artificial coal-tar dyes...

The earlier artificial dyes produced shades so much more beautiful than those produced with the natural dyes...

As the natural dyes do not possess this advantage, and many of the shades produced by them require two or more dyeing operations...

Electrical Invention.

The drift and tendency of electrical invention is an interesting thing to study. Numerous are the inventions of electrical patents...

A great many patents are also being issued not only for electrical railway conduits, which will obviate the necessity of using overhead trolley wires...

New Mode of Engraving.

A French scientist has lately introduced a process for the engraving of designs on wood, leather or similar materials by means of a pencil or tool...

The Electric Car Cure for Rheumatism.

Account come from St. Louis of the latest case in that city, which is to ride on the electric car to cure rheumatism.

To Solve the Cheap Fuel Problem.

Among the latest attempted solutions of the cheap fuel problem is the method of a German inventor...

maintain that the heating of large blocks can thus be reduced very considerably.

Unskilled Attendants.

The recent fire at the Grosvenor Gallery station in London is commented upon by an English electrical journal...

The plant, except the accumulators, is entirely in charge of this man, but as to the generation of the current he knows absolutely nothing...

dent that, unless electric lighting plants are placed in the hands of intelligent and trained men, disaster must, sooner or later, be expected?

Protection of Horses' Feet.

A reputed protection for the fore feet of a horse is a shoe consisting of a rubber oval band about quarter of an inch thick...

The rival cities of Minneapolis and St. Paul are now united by an electric railway over which the cars are traveling at the rate of 15 miles an hour...

An Electrical Union.

The rival cities of Minneapolis and St. Paul are now united by an electric railway over which the cars are traveling at the rate of 15 miles an hour...

early date, to 25 miles. The cars are of the most modern make, longer and wider than ordinary, and are crowded the whole time, running on about ten minutes headway.

Electric Snow Sweepers.

The companies manufacturing electric snow plows and sweepers are said to be just now overwhelmed with orders.

volves two sets of shovels. The snow on the rails is picked up by a circular box, from which the revolving shovels take it up and throw it out through a spout.

The Manufacture of Plate Glass.

The casting table of a plate glass factory is about 20 feet long, 15 feet wide and 7 inches thick.

Electricity for Underground Traction.

The success of the new City and South London Railway has given a tremendous impetus to electric traction in England...

ways can work properly, the steam locomotive must go from all short lines.

Trinidad, Col.

is attracting the attention of investors from all parts of the United States.

We have no desire to be egotistical in valuing our own goods, but we assure the public that a trial of our old "Log Cabin" rye whisky will give complete satisfaction.

WSS Holiday Handkerchiefs, Initials, embroidered, hemstitched, 10c to \$3; silk handkerchiefs, 25c to \$1.50, in greatest variety.

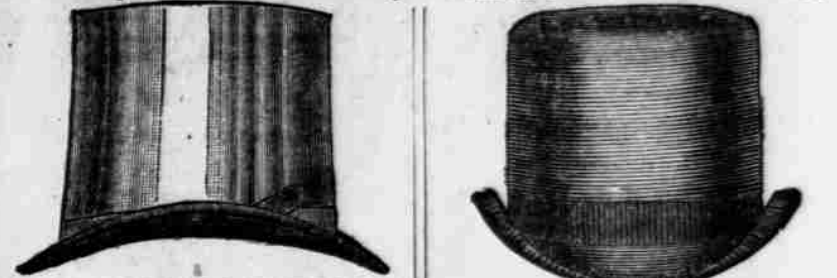
PLUSH jackets and sacques at nearly half price, at Rosenbaum & Co.'s.

AMUSEMENT ADVERTISEMENTS usually appearing on this page will be found today on the Fourteenth page.

NEW ADVERTISEMENTS

RUBEN'S HOLIDAY HATS

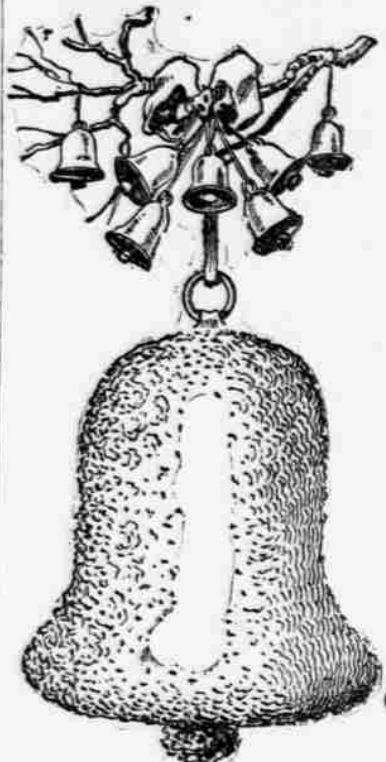
Are Superb and Particularly Suitable for Christmas Gifts.



THE BROADWAY BLOCK. THE UNION SQUARE.

Or would you prefer a real Alaska Seal Cap? We can give you a choice at \$3.50, \$5, \$6 and \$8. Gloves and Gauntlets in Seal, Otter and Beaver, at \$4, \$5, \$6 and \$8.

RUBEN, 421 and 423 Smithfield St.



MERRY CHRISTMAS TO EVERYBODY

IT IS OUR SINCERE WISH THAT THE PRESENT SEASON MAY BE A MERRY ONE TO EVERYBODY IN THE ENTIRE COMMUNITY.

RING THE JOYOUS BELLS! :: SANTA CLAUS IN HIS GLORY!

GRAND ANNUAL CARNIVAL RECEPTIONS!

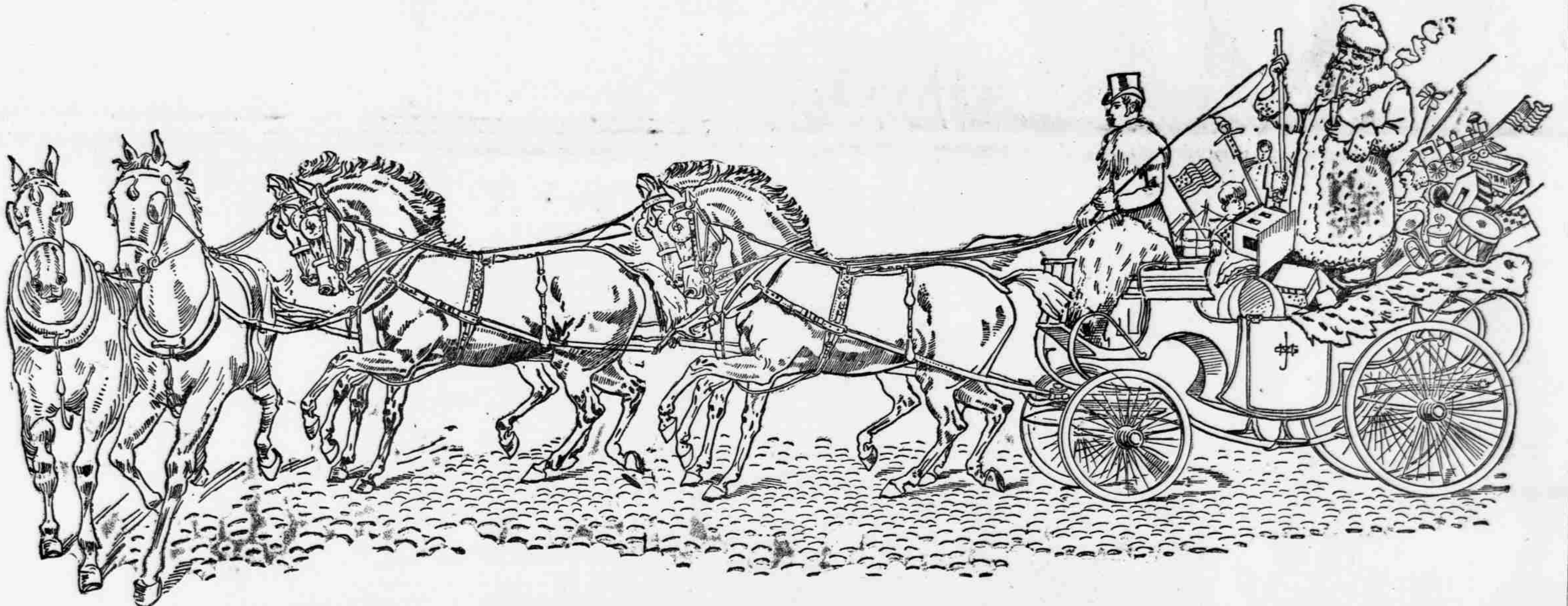
AT GUSKY'S BIG AUDITORIUM!

ON MONDAY AND TUESDAY, DEC. 22 AND 23, FROM 9 A. M. TO 12 NOON, FROM 2 TO 5:30 P. M., AND FROM 7 TO 8:30 P. M., AND ON WEDNESDAY (24th) FROM 9 A. M. TO 12 NOON, AND FROM 2 TO 5:30 P. M. ONLY.

ALL good children, accompanied by their parents, are specially invited to attend these receptions.

ALL THE WAY FROM THE CRYSTAL PALACE, LONDON, ENG., PROFESSOR PUNCHENELLA, With His Laughable Manakins.

CHRISTMAS MORNING, AT 9 O'CLOCK, SHARP, SANTA CLAUS WILL LEAVE GUSKY'S



FOR HIS NINTH GRAND ANNUAL TOUR OF THE ORPHAN ASYLUMS OF PITTSBURG AND ALLEGHENY.

ALLEGHENY DIVISION:

- Ridge Avenue Orphans' Home, 9:30 A. M. Colored Orphans' Home, Greenwood street, 10:30 A. M. Womens' Christian Home, Locust street, 11:30 A. M. United Presbyterian Orphans' Home, Monterey street, 12:30 P. M. Allegheny Day Nursery, North avenue and Federal street, 1:30 P. M. Allegheny Day Nursery, 51 Diamond street, 2 P. M. Allegheny General Hospital, Stockton avenue, 2:30 P. M. Protestant Boys' Home, Anderson street, 3 P. M. Home of the Friendless, Washington street, 3:30 P. M. Little Sisters of the Poor, Washington street, 4:30 P. M. Home of the Good Shepherd, Troy Hill, 5:30 P. M. St. Joseph's Orphan Asylum, Troy Hill, 6:30 P. M.

PITTSBURG DIVISION:

- St. Michael's Orphan Asylum, South Side, 11:30 A. M. Homeopathic Hospital, Second avenue, 12:30 P. M. Children's Temporary Home, Washington street, 1:30 P. M. St. Paul's Orphan Asylum, Tannhill street, 2 P. M. West Penn Hospital 4 P. M. Episcopal Church Home, Fortieth street, 5 P. M. Little Sisters of the Poor, Bloomfield, 6 P. M. German Protestant Orphans' Asylum, West Liberty Borough, presents taken to Sixth avenue and Smithfield street. Children's Aid Society; presents taken to Dispensary Building, Sixth avenue.

Only Three Days More to Fill the Stockings.

OUR STORE IS THE PLACE TO FIND THE GOODS TO DO IT!

IMMENSE VALUES FOR THE NEXT THREE DAYS!

Our Mammoth Store is Crowded to Overflowing

With Clothing for Men and Boys, Hats, Shoes, Holiday Slippers, Choice Furnishings, Umbrellas, Smoking Jackets, House Coats, Bath Robes, Fur Caps and Gloves, Jewelry for gentlemen, and thousands of fancy articles from a quarter of a dollar in price to a quarter of a hundred dollars.

WE SHALL BE OPEN TO-MORROW AND TUESDAY NIGHTS UNTIL 8:30 O'CLOCK AND CHRISTMAS EVE UNTIL 11 O'CLOCK.

Send your address for a copy of the Grand Christmas number of our Illustrated Paper. It's a daisy, brimful of wit and humor and elegantly and artistically illustrated.

GUSKY'S, 300 TO 400 MARKET ST. GUSKY'S.