

ELECTRIC LIGHTING.

A Fortune Ahead for the Man Who Takes Storage Battery Risks.

DETECTING LIGHT-WEIGHT COINS.

A Telegraph Receiver That Will Prevent the Theft of Messages.

NEW THINGS ABOUT THE CURRENT

[WRITTEN FOR THE DISPATCH.] Now that the electric lighting industry has entered upon a more healthy and promising phase, it is instructive to look back on the perils by which it has at various times been threatened...

Taken as a whole, Mr. Foster considers that there has been a great want of common sense and judgment in the construction of the stations. In many cases this was attributable primarily to "the wiles of that slickest of all individuals, the agent, who is always willing to assure the buyers that his system of lighting will virtually run itself..."

The same authority, while confessing that he knows of no business that has had the same amount of money and brains put into it that is in such a chaotic condition, so far as the proper designing of building and arrangement of machinery goes, is sanguine that the industry will soon be in a better condition, and urges the adoption of common sense and scientific methods.

It is interesting to note, in connection with the question of central lighting station improvement, that in Paris the electric light companies of Paris are now using storage batteries in their stations with most gratifying results. The arrangement under which the batteries are operated is equally admirable...

Detecting Light Coins Electrically. There is not a little spice of humor in the way in which both sharpers and those whose business it is to circumvent them have recourse to electrical methods for the attaining of their ends. A large consignment in gold eagles was sent to a New York bank from California...

The High Pressure Otopus. Among the experiments, the public exhibition of which has followed on the far famed Tesla experiments, is the beautiful effect now well known as the "electric otopus." A piece of glass about two feet square is placed midway between the high pressure terminals. A sight of intense beauty and brilliancy instantly presents itself, as the arcs of flame radiating from one point on each side of the glass spread themselves over the surface of the plate and curl themselves around the edge...

Secret Telegraph Receiver. The public has very little idea of the amount of "leakage" that goes on in the transmission of telegraphic messages. An operator may be carelessly lounging in the vicinity of a way station or railway office with his hands in his coat pockets, one hand being busy in taking down with a short pencil on a pad information of the utmost importance, which the noisy summer is ticking off, and which may be used to the serious detriment of the interests of the sender...

Reductions in Ladies' Hosiery. Reductions in Children's Hosiery. Reductions in Men's Furnishings. Reductions in Men's Caps. Reductions in Kid Gloves. Reductions in Summer Comforts. Reductions in Summer Blankets. Reductions in Bed Quilts.

Reductions in Table Oil Cloths. Reductions in Lace Curtains. Reductions in Table Damasks. Reductions in Damask Napkins. Reductions in Towels. Reductions in Bed Linens. Reductions in Notions. Reductions in Buttons. Reductions in Dress Shields. Reductions in Pins.

Reductions in Hair Brushes. Reductions in Tooth Brushes. Reductions in Nail Brushes. Reductions in Garter Web. Reductions in Men's Underwear. Reductions in Men's Sox. Reductions in Men's Neckwear. Reductions in Men's Summer Vests.

Reductions in Men's Light Coats. Reductions in Men's Handkerchiefs. Reductions in Men's Tennis Suits and Caps. Reductions in Trimmed Millinery. Reductions in Fine Straw Hats. Reductions in Ribbons and Flowers.

There are thousands of bargains to be found at this great Clearance Sale. Every one is a genuine bargain. It will pay you to come early and get the pick. BEGINNING TO-DAY, JULY 5, OUR STORES WILL CLOSE EVERY DAY AT 5 P. M. JOS. HORNE & CO. 609-621 PENN AVENUE.

Jos. Horne & Co.'s PENN AVENUE STORES.

OUR GREAT MIDSUMMER CLEARANCE SALE BEGINS THIS MORNING, TUESDAY, JULY 5, AT 7:30 A. M.

It has always been our custom to hold a general and extensive clearance sale throughout the month of July for the purpose of closing out Spring and Summer Goods of all kinds.

OUR NEW STORE, NOW IN COURSE OF CONSTRUCTION

At the N. E. Corner of Penn Avenue and Fifth Street, But to open the new store, which will be one of the largest, most complete and best equipped Drygoods Emporiums in the United States, with a complete and entirely new stock from cellar to attic.

In order to carry out these intentions to the letter it is necessary to make pronounced reductions on every article pertaining to summer wear.

THIS WE HAVE DONE

We have made GREATER REDUCTIONS and MORE GENERAL REDUCTIONS throughout every department than have ever before been seen in our stores, and we invite our thousands of customers to visit us during THIS GREAT JULY CLEARANCE SALE and reap the unusual advantages we offer and which may not again occur in a lifetime.

The following list of items, though comprising not one-twentieth part of the many bargains we have to offer, will yet convey a fair idea of the extent of the reductions and the quantities of goods we purpose closing out.

Those who attend these sales cannot fail to save many dollars on their most staple purchases, and we are satisfied that the general public will pronounce this

THE GREATEST CLEARANCE SALE IN THE HISTORY OF PITTSBURG.

Colored Dress Goods.

Cheviot Suitings, 36 inches wide, all-wool, formerly 50c, Clearance Sale Price 25c.

Fancy Cheviot Suitings, 36 inches wide, choice styles, formerly 50c, Clearance Sale Price 25c.

Diagonal Suitings, 36 inches wide, all-wool, formerly 50c, Clearance Sale Price 25c.

Novelty Plaid Suitings, 44 inches wide, choice styles, formerly 50c, Clearance Sale Price 25c.

Vigoreaux Plaid Suitings, 42 inches wide, all-wool, formerly 75c, Clearance Sale Price 40c.

Bedford Cords, 38 inches wide, formerly 75c, Clearance Sale Price 50c.

Bedford Cords, 46 inches wide, formerly \$1.00, Clearance Sale Price 75c.

Bedford Cords, 46 inches wide, formerly \$1.25, Clearance Sale Price \$1.00.

Bedford Cords, 50 inches wide, formerly \$2.00, Clearance Sale Price \$1.50.

French Printed Challies, the best makes and styles, formerly 50c and 60c, Clearance Sale Price 38c and 45c.

French Printed Javonaise, light and dark colors, formerly 75c, Clearance Sale Price 50c.

Fancy Corded Crepons, 40 inches wide, formerly \$1.25, Clearance Sale Price 50c.

Fancy Corded Crepons, 46 inches wide, formerly \$2.00, Clearance Sale Price 75c.

Plain Corded Crepons, 46 inches wide, formerly \$2.50, Clearance Sale Price \$1.00.

Novelty Suitings, including Cheviots, Bedford Suitings, Cheviot Suitings and many other novelties, formerly 75c to \$1.25, Clearance Sale Price 50c.

Scotch Tweeds, Scotch Cheviots, Scotch Fancy Suitings, formerly \$1.25 to \$2.50 per yard, Clearance Sale Price 75c.

French Wool Cashmeres, 36 inches wide, formerly 50c, Clearance Sale Price 44c.

French Wool Cashmeres, 46 inches wide, formerly 75c, Clearance Sale Price 50c.

French Wool Cashmeres, 48 inches wide, formerly \$1.00, Clearance Sale Price 75c.

French Wool Serges, 38 inches wide, formerly 50c a yard, Clearance Sale Price 44c.

French Serges, 46 inches wide, formerly 75c, Clearance Sale Price 68c.

French Wool Serges, 46 inches wide, formerly \$1.00, Clearance Sale Price 90c.

Black Wool Dress Goods.

Black French Serges, formerly 50c a yard, Clearance Sale Price 44c.

Black Fancy Cheviots, formerly \$1, Clearance Sale Price 50c.

Black French Whipcord, 46 inches wide, formerly \$1, Clearance Sale Price 75c.

Black French Serge, fine quality, 46 inches wide, formerly \$1, Clearance Sale Price 75c.

Black Henrietta, all wool, 46 inches wide, formerly \$1, Clearance Sale Price 75c.

Black French Cashmere (Lupin's), formerly \$1.25, Clearance Sale Price 75c.

Black Novelty Suitings, 6 different styles, formerly \$1.25 and \$1.50, Clearance Sale Price \$1.

SILK DEPARTMENT.

India Silks, 28 inches wide, black grounds and light colors, with choice this season's printings, regular \$1 and \$1.25 quality, Clearance Sale Price 75c.

India Silks, 24 to 27 inches wide, choice styles, excellent quality, formerly 75c and \$1, Clearance Sale Price 50c.

Moire Francaise, good colors, 22 inches wide, formerly \$1.50, Clearance Sale Price 50c.

Moire Antique, 24 inches wide, choice colors, formerly \$3, Clearance Sale Price \$1.

Changeable Faille Francaise, 22 inches wide, formerly \$2.50, Clearance Sale Price \$1.

Peau De Soie, 22 inches wide, 10 different colors, formerly \$1.25, Clearance Sale Price 50c.

Armures, 22 inches wide, all silk, choice colors, formerly \$1.50, Clearance Sale Price 75c.

Fancy Plaid Striped Surahs, 22 inches wide, choice effects, formerly 85c, Clearance Sale Price 50c.

Fancy All-Silk Brocades, formerly \$1.65, Clearance Sale Price 75c.

Poult de Soie, 23 inches wide, choice colors, formerly \$2, Clearance Sale Price \$1.

Our regular 24-inch Colored Surahs, always sold at \$1.20 a yard, Clearance Sale Price \$1.

Our regular 24-inch Colored Surahs, always sold at \$1 per yard, Clearance Sale Price 85c.

Novelty Silks, including Black Tafetas with colored figures, Fancy Colored Stripe Tafetas, High Novelty Indias, Changeable Silks, plain and figured, Chameleon, plain and figured, and numerous other high novelties of the season. Clearance Sale Price a third less than former prices.

Wash Dress Goods.

Cotton Challies, formerly 7c, Clearance Sale Price 3 1/2c.

Chevron Suitings, formerly 8c, Clearance Sale Price 4c.

Satines, dark colors, formerly 15c, Clearance Sale Price 8 1/2c.

Irish Lawns, formerly 15c, Clearance Sale Price 10c.

Idelian Cloths, formerly 18c, Clearance Sale Price 12 1/2c.

French Batistes and Mousselines, formerly 37 1/2c, Clearance Sale Price 25c.

American Gingham, formerly 8c, Clearance Sale Price 5 1/2c.

Fine Dress Gingham, formerly 15c, Clearance Sale Price 10c.

Scotch Gingham, formerly 25c and 40c, Clearance Sale Price 15c.

D. & J. Anderson's Gingham, formerly 40c and 45c, Clearance Sale Price 25c.

D. & J. Anderson's Cheviots and Oxford, formerly 45c and 50c, Clearance Sale Price 25c.

Novelty Scotch Crepe Gingham, formerly 50c and 60c, Clearance Sale Price 25c.

Remnants of Wash Dress Goods, Clearance Sale Prices less than one-half regular prices.

Cloak and Suit Department.

JACKETS: Black All-Wool Flannel and Serge Jackets, in Blazer and Reefer styles, that were formerly \$5 to \$12, are all at one Clearance Sale Price, \$3.

Black All-Wool Blazer and Reefer Jackets, formerly \$12 to \$20, Clearance Sale Price \$5.

SUITS: All Russian Blouse Suits, in fancy Cotton Bedford Cords and other wash materials, formerly \$3.50, Clearance Sale Price \$3.

Figured Lawn Suits, beautiful new styles and designs, formerly \$2.50, Reduced Price Sale \$2.

Large reductions in all Plain and Fancy Cloth and Silk Suits. Best value ever offered in Fine All-Wool Cloth Suits, the Eton design, at \$10.

Tea Gowns and Negligees.

Our entire stock of these goods at greatly reduced prices. Black and Colored Cashmeres, Crepons, Challies and other fancy materials, new and stylish designs, former prices \$2, \$10, \$12, \$15, \$18, \$20 and up to \$50. Clearance Sale Prices \$5, \$6, \$8, \$10, \$12, \$14, \$20, \$25 and \$30. The \$5 ones were \$8 and the \$30 ones were \$50. That's the way prices are cut.

NEW ADVERTISEMENTS. RHEUMACUTIA SURE CURE FOR RHEUMATISM GOUT & LUMBAGO. Messrs. McKinnin & Chessman M'F'G Co., Pittsburgh, Pa. My wife was laid up, perfectly helpless, for three months with inflammatory rheumatism and rheumatic fever...

BUY YOUR SPECTACLES AT THE EXHIBITION. Eyes Examined Free. J. DIAMOND, OPTICIAN, 251 1/2 5TH ST., PITTSBURG, PA.

IT IS A FACT. And openly admitted by the most critical that JOSEPH FLEMING & SON, Wholesale and Retail Druggists, sell the finest and most palatable whiskies that can be produced.

Jos. Fleming & Son, Wholesale and Retail Druggists, 412 Market St., Pittsburgh, Pa. CHESSMAN'S \$1.00 SPECTACLES. Are recommended by all who have tried them.

Wallace Optical Co., MANUFACTURING OPTICIAN, 624 PENN AVENUE. Artificial Eyes Inserted. CAN NOT BE DISTINGUISHED FROM THE NATURAL. CHESSMAN OPTICAL COMPANY.

LITTLE, THE OPTICIAN, 600 LIBERTY STREET, over Espy's Druggery. Spectacles and eye glasses exclusively. ALL KINDS FIELD GLASSES All Prices. STIEREN 544 Smithfield St. DESKS. OFFICE OUTFITTERS. Office Specialty Co. 105 Third Ave.

CREDIT KOEHLER'S Installment House. We occupy the entire building 17 Sixth Street, MEN'S AND BOY'S Clothing on Credit. Ladies' Cloaks & Jackets, Watches & Jewelry, ON INSTALLMENTS. Cash Prices—Without Security.

G. G. O'BRIEN'S Paint and Wall Paper Store, 292 Fifth av., 3 Squares from Court House. Do you want to buy wall paper? If you do this is a splendid time. We have marked down everything, including Picture Mountings and Linocuts, at 50% off. We will have some paper in the lot that never was sold in Pittsburgh for less than 25c.

KAUFMANN'S WILL SELL THIS WEEK ANY MAN'S SUIT IN THEIR HOUSE FOR \$15. Can it be? Is it possible? How can they afford it? Such and similar questions will be asked on all sides to-day concerning the startling statement conveyed above. And, yet, great as the surprise may be, it could hardly be otherwise, taking into consideration this most extraordinary and exceptional offer. Just think! Here at Kaufmann's, where but Saturday thousands of suits were marked at and could not have been sold for less than \$18, \$20, \$22, \$25, \$27 and \$30, you can step in TO-DAY and take your choice for FIFTEEN DOLLARS.

This is just what this sale means. Every word is gospel truth. There is no room or reasons for skepticism; every man can find out for himself; every man is at perfect liberty to step right among our \$18, \$25, \$27 or \$30 suit tables and select himself any suit he pleases. Nothing is concealed! Nothing is reserved! Nothing is excepted! Everything is open and above board, and every suit, no matter how fine or how high its former price may have been, \$15 buys it now. Our reasons for this money-losing sale? Well, we hardly think they concern the public. However, since this is a bona fide affair, we don't object to telling.

KAUFMANN'S, Fifth Ave. and Smithfield St.

FAMINE DISTRICTS OF THE CZAR'S REALM FOR THE DISPATCH. BY FRANK G. CARPENTER. SUNDAY, JULY 10. HE WILL TELL THE TRUTH! READERS OF THE DISPATCH. WATCH FOR THE LETTERS. WALL PAPER. Do you want to buy wall paper? If you do this is a splendid time. We have marked down everything, including Picture Mountings and Linocuts, at 50% off. We will have some paper in the lot that never was sold in Pittsburgh for less than 25c.

OIL WELL SUPPLY CO., 91 and 92 Water Street, PITTSBURG, PA. After 19 Years of Trial, ELAINE, THE FAMILY SAFEGUARD OIL. NEVER VARIES IN QUALITY. Cannot be Exploded. It is the very highest grade of refined petroleum, from which, in the process of manufacture, every impurity has been eliminated.