

**TONS OF GUN COTTON.**  
20,000 Pounds Bought by Uncle Sam to Make Smokeless Powder.  
**SURE OF A GOOD ARTICLE.**  
Experiments that have been carried on Recently at Newport.  
**AHEAD OF EUROPE IN EXPLOSIVES**

Prof. Charles E. Munroe, by direction of the War Department, began a little over two years ago to make experiments in gun cotton at the torpedo station at Newport, and his success led up to the manufacture of the article on a small scale last year. It stood all the tests and proved of the highest standard. Close attention to the details and improvements of both the explosive and the plant required for its manufacture soon established the fact that this agent of modern warfare could be made for less here than abroad, even in the face of the higher cost of labor.

Then it was that the War Department began to look around for a new place of manufacture and for some concern which would undertake to supply the Government. This became necessary because the torpedo station was too exposed for the only gun cotton plant for the supply of the country, also because it could not be enlarged sufficiently to meet the requirements of the Government during a time of war, and lastly because the Government, as in all things, prefers to buy of a private manufacturer rather than to manufacture for its own use. Early in the summer of 1891 one of the members of the Dupont Powder Company, through the courtesy of Commander Jewell and the officers of the torpedo station, made an inspection of the small gun cotton plant, secured all the details and information bearing on its manufacture from Prof. Munroe and had plans made that met with the approval of these gentlemen.

**Experiments in Smokeless Powder.**  
It became evident to the knowing ones that the Government had taken a step in the direction of securing the production of gun cotton on a larger scale by a private concern when the Duponts engaged Mr. D. G. Koch, the former of the little plant to superintend the erection of a large works at Wilmington, Del. The Government secured samples of the various smokeless powders through agents abroad, and by experiments produced one that on a test proved equal to the German and English article and the manufacture on a small scale commenced, improvements being noted from time to time. In his report for last year Commander Jewell stated that the experiments had been a success, and that the powder was very satisfactory for small bore and revolving and rapid fire guns up to what are known as six-pounders.

More recent experiments have produced an excellent smokeless powder for use in 6-inch regular and rapid fire guns, one that is claimed to be far superior, much cheaper and more stable than any in use abroad. Owing to the form of the grains and the impossibility of loading them into shells by machinery this new explosive has not been brought to a state that will enable the Government to use it for muskets, but this is a possibility of the near future.

**The First Output Soon Ready.**  
Its suitability for the main and secondary batteries of war ships leaves only the 8, 10 and 12-inch guns, of which there are few in use, to be provided for, and makes it necessary to have at once a commercial supply. The powder is even now largely used on our war vessels. The plant at Wilmington is now equipped, and the first gun cotton supplied the Government was received at Newport this week. The tests already made by the experts prove it to be of the high standard that was attained at the torpedo station. It is expected that within a short time the first output of smokeless powder will soon be ready.

Much credit is due Prof. Munroe, for years the chemist at the torpedo station, for bringing out this smokeless powder, for he has accomplished what no other chemist, whether government or private, has been able to do. Even allowing for the exceptional facilities afforded him at the torpedo station his work stands out above that of all others in the matter of explosives, especially of a knowledge of the multifarious qualities of gun cotton, and it is understood he will soon be recognized by the War Department in an official manner.

The place to buy diamonds, watches, jewelry, etc., is at M. G. Cohen's, 18 Fifth St. Our stock is unexcelled in quantity, quality, and our prices will please. Call and see for yourself. Store open evenings till Christmas.

**A Gentleman's Set**  
For Christmas, gloves, umbrella and walking cane. The latest had in stock. W. W. WALKER'S UMBRELLA AND GLOVE WORKS, LOUVER, 24 SIXTH STREET, DIRECTLY OPPOSITE ELYON THEATER.

**Latest holiday novelties in men's furnishings, smoking jackets and toilet sets. Visit our magnificent establishment. SALTER, Corner Smithfield and Diamond streets.**

**A NEW QUARANTINE STATION.**  
Delaware and Pennsylvania Commissioners Unite in a Recommendation.  
WILMINGTON, DEL., Dec. 10.—The Delaware Quarantine Commissioners appointed to co-operate with Commissioners from Pennsylvania in the examination of sites for a quarantine station on the Delaware river, transmitted their report to Governor Reynolds yesterday. The Pennsylvania Commissioners have also sent in their report to Governor Pattison. It is unofficially reported that the two reports agree in advocacy of Bombay Hook Island as the preferable site for the location of the proposed quarantine station, and it is expected that the Executives of the two States will recommend the subject to the respective Legislatures for appropriate action.

The proposed new quarantine station is about 60 miles below Philadelphia. Its location at Bombay Hook would remove the objection urged against the present quarantine, which is only just outside the limits of Philadelphia.

**Fine Fruits.**  
We have now in store a large stock of all the finest evaporated and dried fruits, both domestic and foreign. We can do you good on these goods. Send for price list. Goods delivered everywhere. MILLER BROS., Fine Groceries and Table Delicacies, 123 Federal Street, Allegheny.

**Grand Holiday Sale of Pottery!**  
For a few days only we will sell you a Royal Worcester, Royal Bonn or a Doulton vase at 25 per cent reduction. We do this to close our immense list, and all who want bargains must call early.

**THE ONLY REASON**  
For the continued increase of THE DISPATCH adlets is that they give satisfactory returns.

**OPENED ALL THE WINDOWS.**  
One of the Freaks of Robert Sanford, Whose Wife Will Sue for a Divorce.  
POUGHKEEPSIE, Dec. 10.—The wife of Robert Sanford, a wealthy lawyer, has left her husband and will sue for a divorce. She says her husband has assaulted her on several occasions, and shortly before Thanksgiving she was forced to leave home and stay for two nights with a neighbor. The day after Thanksgiving she left the house for good, taking with her her three daughters, the youngest of whom is 7 years old. They are now in New York.

An intimate friend of the family says Mrs. Sanford has for a number of years submitted to studied insults and abuse from her husband. He has a mania, it is said, for keeping the windows of the house open, even in the coldest weather, until members of the family have all caught cold. Mr. Sanford's defense is that his wife does not love him. He belongs to one of the oldest and most respected families in New York. His father was a Chancellor of the Supreme Court and United States Senator from this State, and was once Minister to England.

**The Perfect Purity and Solubility of VanHouten's Cocoa**  
—(BEST & GOES FARTHEST)—  
permit of its instantaneous preparation and render it Highly Digestible and Nutritious.

**PRESENTS THAT ARE USEFUL!**  
**COME AND SEE US.**  
Never since its organization has this company shown such a display of goods suitable for Christmas. Our floors will be devoted, during December, to the sale of Holiday Goods, embracing hundreds of odd pieces, which will be marked to close, together with a large display of **BRASS AND ONYX TABLES, LEATHER COUCHES, CHAIRS AND ROCKERS.**

Also a line of **LADIES' DESKS**, ranging from \$7.50 to \$50, embracing sixty different designs. Our floors are ablaze with new features in furniture, all of which must be sold during the month.

**OUR TERMS BEING CASH YOU ARE THE GAINER.**

**MICHIGAN FURNITURE CO.,**  
437 Smithfield St. 437.  
Store open every evening until Christmas.

**THE ELECTRICAL CONSTRUCTION & Maintenance Co.**  
Electrical Engineers and Contractors.  
General Electrical Supplies always on hand.  
INCANDESCENT LAMPS, ALL VOLTAGES, AT LOWEST PRICES.  
Electric Light and Bell Wiring.  
125 FIFTH AVENUE, PITTSBURGH, PA.  
Tel. 1774.

**Morris**  
ARTIST AND PHOTOGRAPHER,  
35 SIXTH STREET,  
Cabinets, \$3 to \$4 per dozen; pictures, \$1 per dozen. Tele. phone 1731. ap4-kw-rw

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**GUSKY'S** **OUR HOLIDAY BAZAR** **GUSKY'S**  
**NOW OPEN. CHRISTMAS SUGGESTIONS NOW OPEN.**  
**READ ABOUT THEM TO-DAY SEE THEM TO-MORROW.**

**COME WHERE... THE PEOPLE COME... LADIES' JACKETS ...AND... CLOAKS...**

Great sale this week of Seal Plush Garments at 50c on the dollar.  
Every garment offered below is guaranteed to be English Seal Plush, lined throughout with elegant silk or satin, and guaranteed also to be this season's style.  
The ornaments on them are genuine seal-skin.  
Seal Plush Jackets that sold for \$18 are now...\$10  
Seal Plush Jackets and Sacks that sold for \$23 are now...\$12  
Seal Plush Jackets and Sacks that sold for \$25 are now...\$16  
Seal Plush Jackets and Sacks that sold for \$35 are now...\$20  
Seal Plush Jackets and Sacks that sold for \$50 are now...\$25  
All these Jackets are 32 and 34 inches long. All Sacks are 40 and 42 inches long.  
We have but 500 of them, and if you mean to secure one you had better come early.  
With every sale of a Cloak in our Children's Department we give free a large and handsome Picture Book.

**INFANTS' WEAR.**  
We are offering special bargains in this department that cannot be duplicated in this city.  
Long Cambric Slips worth 25c...12c  
Long Shaker Flannel Skirts worth 50c...25c  
Hand-Knit Footies worth 15c...9c  
Embroidered Cashmere Caps worth 50c...25c  
Embroidered Flannel Shawls worth 85c...59c  
Embroidered Flannel Sacks worth 75c...49c  
Flannel Bands worth 25c...15c  
Long Cashmere Cloaks worth \$1.50...97c  
Large line of Children's Caps in Silk, Plush and Cashmere from 15c to \$3.

**MANICURE SETS.**  
In Hardwood, Leather, Metal or Plush Cases, with the finest grade of fittings, 75c to \$8.

**TOILET CASES.**  
In Plush, Hardwood and Metal Cases, fitted with oxidized silver, white metal, olive wood, or celluloid cases lined in every conceivable shade of color, 74c to \$25.

**WORK BOXES.**  
A truly grand line in the most handsome cases, either Plush or Hardwood. The fittings are strictly first class, 75c to \$6.

**Glove, Handkerchief and Jewel Cases.**  
A royal line of these from which to select, in all the new and popular shapes, 59c to \$5.

**ODOR BOTTLES, INKSTANDS, SMOKING SETS, SILVER BRUSH AND COMB SETS, ETC.** You must see them and learn our prices to appreciate the beauty and intrinsic worth of the line we show.

**SHAVING SETS.**  
An immense variety in all the new and popular shapes and styles. Hardwood, Metal or Plush with the very best fittings, 75c to \$7.98.

**Ladies' Chatelaine Bags**  
In Grain, Morocco, Seal, Alligator or Ooze Leather in all the new shades and shapes, 73c to \$3.50.  
Full line of Ladies' Boston Bags in leather or silk, 98c to \$2.50.  
Pocketbooks and Card Cases in plain or silver trimmed; every new color represented. Thousands to select from—24c to \$4.

**UMBRELLAS.**  
An amazing assortment of Umbrellas in a bewildering variety of handles— Ivory, Pearl, Silver, Gold, Accacia, Weichsel, Boxwood and others too numerous to mention. Hardwood sticks handsomely trimmed in silver or gold. All Umbrellas guaranteed for one year. Engraving done free.  
**.99 CENTS TO \$30.**

**MUFFLERS**  
Always suitable for Holiday Gifts. Finest Persian, Parisian or London goods are here in abundance. Also plain colors in Creme or White Silk. A large line of the new popular Polka Shot Mufflers, 49c to \$7.50.

**NECKWEAR.**  
Magnificent in the only word that will do justice to our unsurpassed display of Neckwear. Everything is here. Scarfs of new shapes in Puffs, Tecks and 4-in-Hands, Dress Bow, etc., 25c to \$1.68.

**Handkerchiefs for Ladies.**  
Silk, Linen or Lawn, plain, hem-stitched or fancy embroidered, also Silk or Linen in Initials; a great line, 5c to \$1.24.

**Handkerchiefs for Gentlemen.**  
Silk or Linen Handkerchiefs, in plain or hemstitched, also Initial, 9c to \$1.24.

**SUSPENDERS.**  
In plain Silk or Satin, also embroidered silk, all styles, 99c to \$4.50.

**ALBUMS.**  
If you want to save 50 per cent on the cost of an album our grand stock is the place to do it. Every grade, quality and style is represented. Plush, Hardwood, Leather or Silver-covered Albums, \$1 to \$7.

**JEWELRY.**  
A large line of Scarf Pins in solid gold, also a complete line of Link or Plain Cuff Buttons, Studs, Match Safes, etc., suitable for holiday gifts.

**WHISK HOLDERS.**  
Large assortment in Plush and Hardwood Holders, brooms trimmed with silver, also horn-trimmed sets, 49c to \$2.98.

**COLLAR and CUFF BOXES.**  
Superb line in Mahogany, Maple or Oak Wood, leather covered, Silver or Plush Cases, with fine satin linings. Also complete line of Solid Leather Cases, 49c to \$4.50.

**SEAL CAPS,**  
In all qualities and shapes.  
**\$5 TO \$12.**

**GLOVES.**  
Fur Gloves in Beaver, Nutria or Seal-skin, \$3 to \$10.  
Kid Gloves, lined or unlined, plain or fur top, an enormous line to select from, 49c to \$3.  
Children's Kid, Cloth or Knit Gloves, also Children's Mittens, a complete line, 19c to \$1.25.

**SMOKING JACKETS.**  
The finest line of these in the city. Handsome plaids and checks in fine imported Cheviots, new and elegant shades of Tricot, rich Brocaded Silks, Bedford Cords, beautiful effects in Velvet and Velveteens. We have these plain or trimmed and faced with quilted silk. \$3 up.

**HOLIDAY SLIPPERS**  
A pair of Slippers are a most appropriate present and sure to be appreciated. Our line of them this season is large, rich, varied and beautiful.

**MISSSES' and Child's Slippers**  
85c to \$1.50. Boys' and Youths' Velvet, Goat and Alligator Slippers; also Dongola and Patent Leather Dancing Pumps, 49c to \$2.

**MEN'S CLOTHING.**  
From now until Christmas our announcements in regard to Men's Clothing will be somewhat limited in space in the papers, but not so in the business done.  
Beside the usual shopping done for personal needs, many prefer to give clothing to some article of less utility, especially when the recipient is not very well off.  
Some splendid chances now in both our Suit and Overcoat stock to secure a fine quality of garment, finely made for far less than regular prices.  
**SUITS from \$5 Up.**  
**OVERCOATS from \$6 Up.**

**BOYS' CLOTHING.**  
We'll give those who have large families and small purses a happy suggestion.  
Get the boys new Suits for a Christmas present. You'll have to buy the Suit, anyway, and thus you'll be so much in.  
Remember, too, that we are giving away costly and valuable presents with boys' and children's clothing, a list of which we give below.  
We have a mammoth assortment here from which to select, and, as usual at this season of the year, we name very low prices.  
Thousands of cute and cunning little Suits and Overcoats which will delight both parent and child.  
We begin in price on both Suits and Overcoats at  
**\$1.50**  
**See These Elegant Presents.**

**DON'T FAIL TO SEE OUR ELEGANT WINDOW DISPLAY OF TABLEAU ILLUSTRATING THE MORE IMPORTANT SCENES IN THE LIFE OF COLUMBUS.**

**GUSKY'S**

All this week we give free with every sale of \$5 and over in Boys' and Children's Clothing your choice of any of the following gifts:  
A FINE BANJO.  
A STAR ZITHER.  
A LARGE TOOL CHEST.  
Or an Improved MAGIC LANTERN, with Views and all complete, to have lots of fun with this winter.