

The World's Great Inventions.

Some few years ago I came across an article giving a small number of the world's best inventions—which are included in the latter part of this contribution—but I saw they constituted but a small number, so I set to work to make it more complete, and the following is the result:

Gunpowder was invented by the Chinese in an unknown age.

The piano was known as far back as the fourth century. Chickering of Boston made the first American piano in 1823.

The first railroad was run with passengers in England in 1825. Steamboats were invented by Fulton and run on the Hudson in 1807.

The balloon was first used by Montgolfier in 1783. First used in war by Thaddeus Lowe in the army of the Potomac in 1862.

The microscope came into use in 1590. The air pump was invented by Guericke in 1654. The invention of the air gun has never been traced—probably by some small boy.

The telegraph is the invention of S. F. B. Morse in 1832. It was greatly improved by his associate, Alfred Vail, in 1848.

The telephone is the result of inventions by Edison, Bell, Gray and Blake from 1876 to 1886.

The hydraulic press was invented by Joseph Bramah in 1796.

One of the greatest of all inventions was the cotton-gin, invented by Eli Whitney in 1793.

The McCormick reaper came in 1849, and mowing and reaping by scythe and cradle became passed away. The horse-drawn reaper came a few years earlier and the steam plow later.

The inventor of the clock is unknown, but was at first a toy. It became efficient as a time piece in England in 1720, and in America in 1732. The electric clock was developed in 1849 by Wheatstone.

More than 150 years were spent by unknown persons in developing phosphorescent matches; and at last friction (called by New York politicians "boodles") matches were perfected in 1824.

The electrolyte was invented by Daniel in 1838 and perfected by Jacob in 1839.

A machine that would sew was first made by a Vermont preacher named

Dodge. Elias Howe took out the first patent in 1846.

Paper was first made in the United States at Dorchester, Mass., in 1728.

Gas was first used for lighting in England in 1792; in the United States at Baltimore in 1821.

Photography came in 1829, and was an outgrowth from the ambrotype in 1854 and the Daguerrotype of 1789. Daguerre obtained his ideas, undoubtedly, from the camera obscura, invented in 1593.

Paint was first used in the United States on houses in 1734.

The turreted war-ship was invented and put into use by Ersson in 1862, and possibly settled the fate of the southern confederacy.

The accidental discovery of glass by making cannon fires in the sand is recorded by Pliny.

The most remarkable invention of the phonograph was made by Edison in 1877.

The art of printing cannot be traced. Gutenberg invented movable types in 1440, one of the greatest and most important of all inventions. The first printing in America was in 1639.

Cannon were first used in battle in 1227; by whom invented is unknown. The first cannon cast was by Owen in 1538.

Breath loading cannon did not come until some time after the commencement of the nineteenth century.

The development of the electric arch light was made by Brush and Edison in 1870. The wonderful incandescent, by Edison, was perfected in 1884.

The thermometer was invented by Fahrenheit in 1724.

The barometer was invented by Torricelli in 1642, and improved as used at present in 1844.

The invention of the telescope is ancient and was imperfectly used by the Greeks and Romans.

Lithography was discovered by accident by Senefelder, in 1798. Out of this accident have grown zincography and chroma printing and various other methods.

The compass, one of the greatest of inventions, came from the Chinese, and is of an unknown but antique age.

The watch was first a toy, in 1477. It did not become efficient as a timepiece until 1657. For nearly 200 years even a silver watch was quite a polite convenience. Chronometers first came into use in England in 1849; hunting levers a little later. The American watch came to the front in 1862, and the pieces of watches came greatly down all over the world, even in Geneva, which up to that time made the cheapest good watches in the world. Stem-winders came into



ANOTHER TITLED AMERICAN SUES FOR DIVORCE.

Another wealthy and well-bred American woman seeks to rid herself of her titled husband and to keep her property out of his hands.

Baroness Gertrude Van Cortlandt de Graffenried has brought suit for divorce against her second husband, Baron Raoul de Graffenried.

They lived in fine style in Paris, and there the courts will hear again, as in the Castellane suit, how ill-mated are some such couples.

The first husband of the Baroness was Schuyler Hamilton, Jr., of the New York Hamiltons. She divorced him, then mated with the foreigner.

Her friends, some of the most fashionable people in New York, did not know that the Baroness and her present husband were quarrelling until a fortnight ago.

Then her attorneys, filed a petition on a block of valuable New York real estate in which the Baron holds a half interest.

This action proves to those who know the Baroness that she will press her suit for divorce. She acquired the property in 1903, and, trustfully, almost immediately, transferred a half interest in it to the Baron.

general use in 1880. Wristlet watches were first used in London in 1886.

The modern dueling pistol was the invention of a Philadelphia gunsmith named Derringer, in 1860.

The first repeating pistol had four

barrels, all of which turned, and was invented by a man named Allen in 1823. Colt invented his revolver in 1835, but it did not come into general use until 1850. It is now used in all the armies and navies of the world. Hundreds of other kinds of revolving small arms have grown from Colt's invention. The Bowie knife was invented or at least perfected about 1810. Bowie's first duel was with the point half of an old sword, and this suggested the knife.

Billiards were invented in France by Desgones about 1471.

The first pipe organ was made by Archimedes, B. C. 225.

Silk manufactures were established in Europe in A. D. 555.

The notation system of writing music was invented in 1679.

Wooden pavements were the invention of Nicholas in 1854.

The turning lathe was invented by T. Blanchard in 1842.

Locomotive engines were first made by Trevethick in 1802. Utilized by Stephenson in 1825 and greatly improved by Watt in 1847.

The nail-making machines were invented by Wilkinson in 1775.

Bellows were invented by Anacharis, in B. C. 569.

The machine for paring apples was devised by Coules in 1803.

The steam printing press was invented by Roger Bacon in 1260.

The circulation of the blood was discovered by Harvey in 1617.

The magic lantern was the invention of Roger Bacon in 1260.

The first pair of spectacles was made by Spina, an Italian, 1290.

The first silver coin was made by Phidon, King of Argos, 889 B. C.

Globes and maps were the invention of Anaximander, 602 B. C.

Platform scales were the invention of Thaddeus Fairbanks in 1831.

The circular saw was devised by Benham, an Englishman, in 1790.

The snare drum was brought into Europe by the Saracens, about 703.

Diamond cutting by machinery was first done in Holland in 1489.

Machines for making tracks were first made by Thomas Blanchard, 1806.

The amalgamator was an American invention by Varney about 1850.

Light Howitzers, for solid use, were first made by Paichans, 1822.

Gatling gun (cannon) in 1860.

The dinner fork was introduced into Italy in 1491; into England in 1668.

The soul-moving accordion was invented by Damian of Vienna in 1829.

The first training school for teachers was organized in Prussia in 1755. The first omnibus appeared in Paris in 1825; in New York five years later.

The method of vulcanizing rubber was invented by Goodyear in 1849.

The spinning Jenny was the invention

of Hargreaves in England in 1767.

Threshing machines were invented by Menzies, a Scotchman, in 1722.

Stereotyping was the invention of Didot, 1793, and came to America in 1813.

The game of backgammon was invented by Palamedes, a Greek, about 1224.

Gliding with gold leaf was first done by Margharitose, an Italian, in 1272.

The hand fire engine was first made in Holland by Vanderheides, about 1510; steam fire engine first used in United States successfully in 1852. The alphabet was brought into Greece from Phoenicia, 1493 years before Christ.

The soul-entrancing clarinet was the invention of Denner, a German, in 1690.

The Davy safety lamp for miners was invented by Sir Humphrey Davy in 1815.

The rifle was invented by Whitworth in 1800; the repeating rifle by Sharp in 1848.

Matches for striking a light were invented in 1829—the other kind by Adam and Eve.

The first postoffice opened its doors in Paris 1482; in England in 1581; in America, 1710.

Banking and banking were known in Greece 385 years before Christ; in Rome 352 B. C.; in Venice 1157 A. D. The Bank of England originated in 1685—Maj. Ben. C. Truman.

The Quick or the Dead.

Two Congressmen were talking about the late Jerry Simpson.

"He was a level-headed man," said the first. "He was a foe to fade. He had a shrewd humor."

"He and I and a clergyman one day lunched together. The clergyman was a faddist of a marked type. He carried a pocket microscope, wore health underwear, and so on and so forth."

"This clergyman wouldn't drink any water with his lunch."

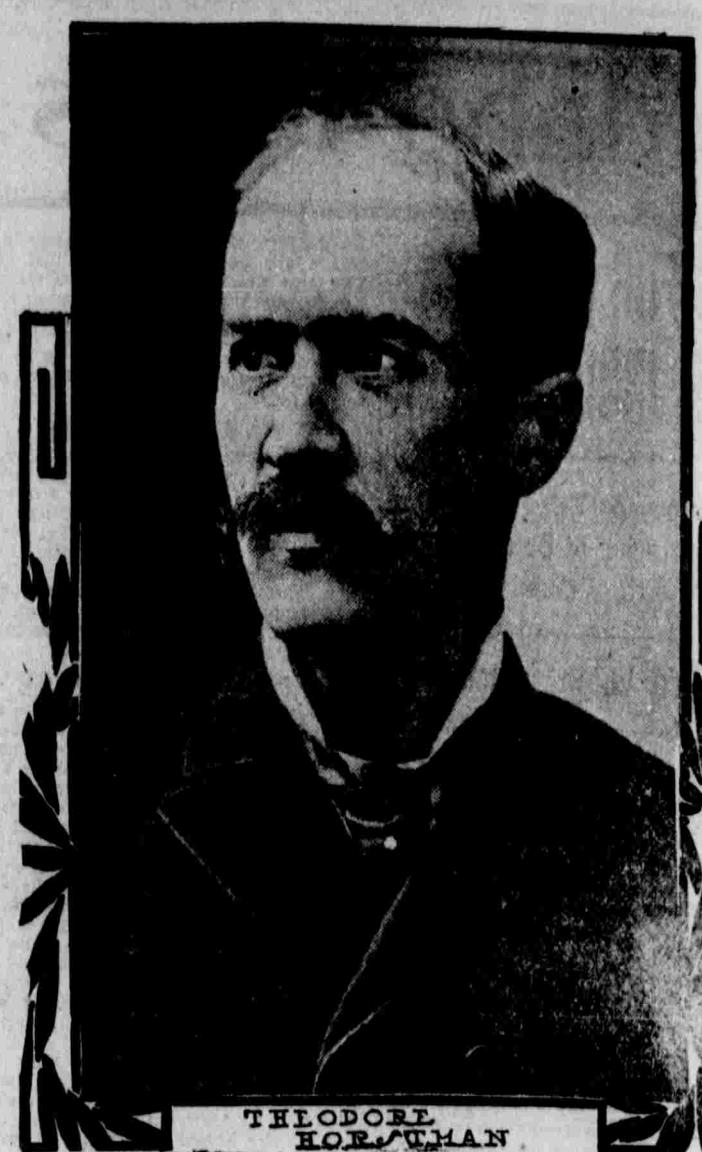
"I wouldn't dare to do so," he said solemnly. "It is so full, you know, of animalcules. I never drink water unless it has been boiled."

"Congressman Simpson emptied his glass, and looked at the clergyman with a quizzical smile."

"I drink my water raw," he said. "I'd rather be an aquarium than a graveyard."

JUST BECAUSE

your cough is only in the throat and does not trouble you now, don't think that it needs attention. When it has not had much of a start in the time to check it. The slightest cough easily leads to Pneumonia, Bronchitis and Consumption. A bottle of Ballard's Horehound Syrup will cure that cough. The price put it within reach of all. Sold by Z. C. M. I. Drug Dept., 112 and 114 South Main Street.



THEODORE ROOSEVELT

DARING ASPIRANT FOR LONGWORTH'S SEAT.

Congressman Nicholas Longworth, son-in-law of President Roosevelt, is being made to realize that he is not going to have fair sailing in the approaching convention of the First Ohio congressional district. This time his nomination will not be a walk over. The stumbling block is Theodore Forstman, former city solicitor of Cincinnati, who is after the nomination. Forstman once ran on an independent reform ticket for mayor, being one of the first men to come out for reform in Cincinnati. Of course he has the animosity of the Cox faction. He is running on the straight Republican ticket and wants to be the party's candidate.

Join Monday

MONDAY ALL DAY

An Important Wash Goods Sale That Will Be Sure to Crowd the Dept.

Cash again scored a Bargain triumph. IMPORTED MERCERIZED WASH TAFFETA, in checks, stripes and the scarce Tartan Plaids. Silk stripes with the rich silk luster, and a rich assortment of patterns. Regular price 35c, 50c and 60c. Monday, 12 yards to a customer, at, per yard

19c

ESTABLISHED 1864.
F. Auerbach & Bro.
ONE PRICE TO ALL NEVER UNDERSOLD

MONDAY ALL DAY

But Monday Only—Sale of Embroidery Flouncings at 53 cents a Yard

Fifteen hundred yards of embroidery, flouncings, every piece of this season's newest effects, exquisitely worked on sheer material. They are 32 inches wide and are in great demand this season for waists, as well as for children's dresses. Not a yard in the lot worth less than \$1.00, and many of them up to \$1.50 a yard, go on sale, this week, at

53c

The Dress Goods Values.

For this week are absolutely beyond comparison. Were it not for the fact that this Bargain news emanates from such a reliable source it would be beyond belief.

BEST FRENCH VOILES, LUPIN'S MAKE, BEST QUALITY, all wool, 42 to 44 inches wide, in a complete assortment of street and evening colors, including black and black, \$1.25 and \$1.50 qualities. THIS SALE (per yard)..... **93c**

EOLIENNES AND CREPE DE PARIS, HALF SILK, beautiful qualities, 42 to 46 inches wide, in grey, reseda green, heliotrope, tan, mode, cardinal, pink, light blue, brown, cream, black, etc. \$1.50 and \$1.75 qualities. THIS SALE (per yard)..... **\$1.12**

SICILIAN CRAVENETTES, PRIESTLEY'S MAKE, sponged, ready for use, 54 inches wide, fine silk lustre, very stylish for coats, skirts and traveling suits. Come in grey, brown, navy blue, plum, green, cream and black. \$1.85 grade. THIS SALE (per yard)..... **\$1.38**

NEW GREY SUITINGS, MARKED TO GO THIS WEEK, the entire assortment of plain and fancy grey suitings, including all of our high class imported novelty checks, stripes and plaids, 46 to 56 inches wide:

\$1.35, \$1.45 and \$1.60 qualities, ALL GO..... **\$1.05** \$1.75, \$1.85 and \$1.90 qualities, ALL GO..... **\$1.49** \$2.00, \$2.25 and \$2.50 qualities, ALL GO..... **\$1.73** AT (per yard)..... AT (per yard)..... AT (per yard).....

Monday Afternoon New Washable Fabrics.

From 2 to 5. Here's a Bargain Snap For You

100 pieces White Soft Finished English Nainsook, full yard wide, the kind you pay regularly 50c a yard, for 12 yards for \$1.80. Monday, from 2 to 5 o'clock, one bolt of 12 yards, each, to a customer at (per bolt)..... **\$1.18**

Drapery Offers.

Were never greater. Here are some of the irresistible values for this week: 50 Tapestry Table Covers, fringed and reversible, 3-4 size, regular price \$1.50, this week, each..... **98c**

100 Oriental effect Couch Covers, three yards long and 20 inches wide, regular price \$2.25, this week, each..... **\$1.18**

Four styles of handsome Bouffe Femme Curtains, beige colored and white, corded effects and Rattenberg designs, artistic patterns, value \$6.00—this week..... **\$3.60**

at prices that will induce lively buying this week in this always active section. Designs and styles that don't appear in every store.

Cord-1 Silk Chiffon—One of the latest fabrics in silk and cotton combinations, suitable for class dresses, value 50c, special for this week, per yard..... **18c**

New Effects in Silk Warp organdies. Exclusive designs confined to us, soft, dainty, clinging materials that will make stylish Gowns, very popular for class dresses, the real 50c quality (not the imitation) special for the week..... **24c**

5 pieces White Lawn, the season's most popular fabric for Graduation Dresses, 50 inches wide, value 60c, special for this week, per yard..... **47c**

Fancy Efficure—the leading wash fabric of the season, a high class novelty, not to be had elsewhere, in white grounds, with embroidered colored Dresden figures, per yard..... **60c**

Plaid Effect Embroidered Plumettes. These are of a character that will appeal to patrons who prize exclusive, novel and attractive patterns, per yard..... **60c**

Unusually Good Shoe Values

Rule Here This Week. An Unexpected Opportunity to Secure the Newest and Best of Footwear at a Decided Saving.



CHILDREN'S BROWN OR BLACK KID OXFORDS, with patent tip (sizes 5 to 8), worth \$1.25. This week (per pair)..... **95c**

SAME STYLE AS ABOVE, for larger children (sizes 8½ to 11), worth \$1.50. This week, (per pair)..... **\$1.20**

MISSSES' STRAP SLIPPERS, with neat bow over instep (sizes 11½ to 12), worth \$1.75. This week..... **\$1.35**

MISSSES' NOBBY OXFORDS, brown or black, the most popular style in foot wear (sizes 11½ to 12), worth \$1.75. This week..... **\$1.45**

LADIES' BLACK OXFORDS, with kid or vesting top (sizes 2½ to 5), worth \$2.00. This week..... **\$1.69**

A GREAT 6 DAY SALE

OF

Women's Tailored Suits

In the New Spring Styles.



Women who have waited for their Spring garments will profit by our after Easter prices. It's not broken lines that you are asked to choose from. In most cases we can fit you with ease. Come early, as you can for with expect this section to be thronged this week.

All Ladies' Tailored Suits that sold regularly at \$13.75, reduced to..... **\$9.95**

All Ladies' Tailored Suits that sold regularly at \$17.50, reduced to..... **\$12.45**

All Ladies' Tailored Suits that sold regularly at \$21.00, reduced to..... **15.95**

All Ladies' Tailored Suits that sold regularly at \$25.00 reduced to..... **18.75**

All Ladies' Tailored Suits that sold regularly at \$30.00, reduced to..... **22.50**

All Ladies' Tailored Suits that sold regularly at \$37.50, reduced to..... **30.00**

All Ladies' Tailored Suits that sold regularly at \$45.00, reduced to..... **35.00**

All Ladies' Tailored Suits that sold regularly at \$55.00, reduced to..... **42.50**

Extra Special For Monday

Shirt Waists at Less Than Half,

95c for choice of many waists, long or short sleeves, Lingerie with broad panel of Valenciennes lace, fine quality sheer lawn, madras cloth, dotted swiss, etc., etc., about 20 different styles to choose from. The reason is: Manufacturer couldn't wait for warm weather to unload his stock, the values were such that we had to reduce the prices upon our regular stock to be in keeping with them. This sale is positively for Monday only. \$2.50, \$2.25, \$2.00, \$1.75 and \$1.50 waists for—



95c

Don't Overlook The Silks!

If unapproachable values are a magnet. Of course you know that the Auerbach Silks are guaranteed to give the utmost satisfaction.

27 INCH COLORED CHIFFON TAFFETA SILK—Colored Chiffon Taffeta Silk, 27 inches wide, beautiful, soft quality, in colors brown, green, tan, light blue and changeables, regular value \$1.25. On sale Monday at (per yard)..... **75c**

FANCY SILKS FOR WAISTS AND SUITS—2500 yards of fancy silks in taffeta and louisines, comprising hair lines, checks, changeables and plain silk, in colors Alice blue, old rose, reseda, navy, brown, green and many others, in two lots:

Lot (1) regular value 75c, on sale Monday at per yard..... **48c**

Lot (2) regular value 85c, on sale Monday at per yard..... **58c**

WHITE SILKS.

For waists, gowns and graduating dresses, we are showing a complete line at reduced prices, we mention a few:

8c Peau De Cygne 19 inches wide, Monday, per yard..... **59c**

2c Radium Silks, 42 inches wide, Monday, per yard..... **\$1.25**

1c3c Momie Silks, 20 inches wide, Monday per yard..... **\$1.00**

BLACK SILKS! BLACK SILKS!

Black Silk Sale of Taffeta and Peau de Soie, 19 inches to 36 inches wide, will be continued, just received another consignment. Those who saw bought and were pleased, you will buy if you see.

Hair Brushes.

Decisive Reductions on Every Quality in our entire stock. We call your particular attention to the new Rubber cushioned.

WILD BOAR BRISTLE BRUSHES, highly recommended by all Hair and scalp specialists, every Hair Brush from the cheapest to the best, specially Marked for this week to move them quickly—

3 Great Special Lots Are:

At 29c Each A Splendid line of best 50c bristle Hair Brushes, go this week..... **29c**

At 95c Each A Great Variety of the best \$1.50 grade Hair Brushes, including excellent values in the "Keepclean" and Rubber Cushioned Hair Brushes, on sale at..... **95c**

At \$1.50 Each Best quality genuine bristle Hair Brushes in Oak, Rosewood or Ebony backs, values that range up to \$2.50 each, the sale price,..... **\$1.50**

Monday Afternoon

From 2 to 5. Great Sale Special TURN OVER COLLARS.

Neatly embroidered White Swirl Turn Over Collars in a great variety of patterns, excellent 15c values, on sale for three hours at, each..... **5c**

Millinery of Unquestioned Excellence!

It's a great season for the Auerbach Millinery. Never sold so much. Of course women are coming here because they are getting the latest and best styles at the most reasonable prices.

This week we'll show Salt Lake's best \$7.75 line, copies of French pattern Hats, selling elsewhere at three times what we ask for these.