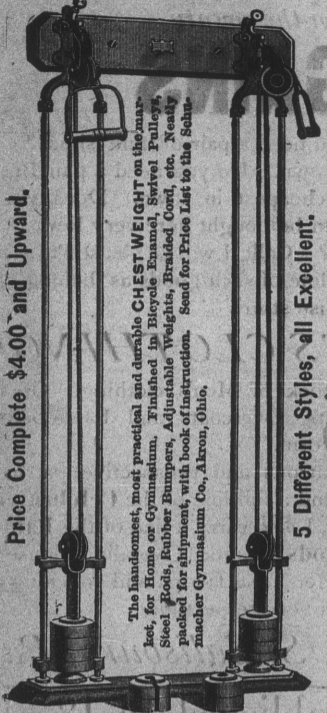


Count the day lost on which you have not tried to make somebody happy.

The only possessions that really belong to us are those we hold in trust for God.

BOSTON CHEST WEIGHT FOR YOUR HOME.



Price Complete \$4.00 and upward.

The handiest, most practical and durable CHEST WEIGHT on the market, for home or gymnasium. Finished in Bicycle Enamel, Silver Plating, or other finishes. Adjustable Weights, Braided Cord, etc. Neatly packed in a carrying case, with book of instructions. Send for Price List to the Schumacher Gymnasium Co., Akron, Ohio.

5 Different Styles, all Excellent.

Send Stamp for Illustrated Price List.

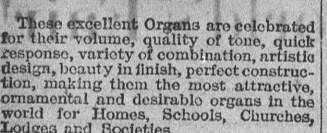
The Schumacher Gymnasium Co., AKRON, OHIO.

THE "CHICAGO COTTAGE ORGAN"

Has attained a standard of excellence which admits of no superior. It contains every improvement that inventive genius, skill and money can produce.

ORGANS OF INTRINSIC VALUE AND MERIT.

WAR-RANTED FOR FIVE YEARS.



These excellent Organs are celebrated for their volume, quality of tone, quick response, variety of combination, artistic design, beauty in finish, perfect construction, making them the most attractive, ornamental and desirable organs in the world for Homes, Schools, Churches, Lodges and Societies.

Catalogues on application, FREE.

Chicago Cottage Organ Co., 223 WABASH AVE., CHICAGO, ILL.

THE GREATEST REFRIGERATOR IMPROVEMENT OF THE AGE.

THE GURNEY PATENT REFRIGERATOR.



No. 2. Front sectional view showing position of removable guaranteed for compartment, mineral wool packing, etc.

THE ONLY CLEANABLE REFRIGERATOR. The greatest economy of life. The lowest average cost per year.

If your dealer does not sell the "Gurney," send for Catalogue and Price List to GURNEY REFRIGERATOR CO., Fon. du Lac, Wis.

Scientific American Agency for

PATENTS

CAVEATS, TRADE MARKS, DESIGN PATENTS, COPYRIGHTS, etc.

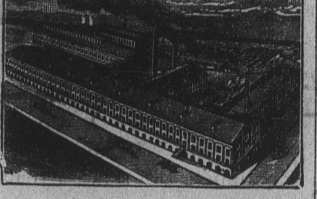
For information and free Handbook write to MUNN & CO., 361 BROADWAY, NEW YORK. Office hours for securing patents in America. Every patent taken out by us is brought before the public by a notice given free of charge in the Scientific American.

Largest circulation of any scientific paper in the world. Scientifically illustrated. No intelligent man should be without it. Weekly, \$3.00 a year; \$1.50 six months. Address MUNN & CO., 361 BROADWAY, NEW YORK.

THE DAVIS



VERTICAL FEED SEWING MACHINE BEST ON EARTH



NEW SHOPS OF DAVIS SEWING MACHINE CO.

Capacity 400 Machines per Day

FOR TERMS, ETC., ADDRESS

DAVIS SEWING MACHINE CO. DAYTON, O. CHICAGO, ILL.

MARYLAND ROASTER AND BAKER



FOR MEATS, FOWL, FISH, ETC. BAKING BREAD, CAKES AND PUDDINGS.

BEST SIMPLEST AND CHEAPEST

THE STEAM produced by the process of cooking cannot escape, is absorbed by the article in the roaster, and acts as a steaming. There is no evaporation, no drying or burning, hence no shrinkage or loss of weight, and all the flavor and nutritious qualities of the food are retained. The meats are made tender, and any article roasted or baked will be sweeter, healthier and more digestible. Put the food in the roaster, place the roaster in a well heated oven; the roaster will do the cooking. It requires no attention. Can only be bought from dealers, the trade supplied by

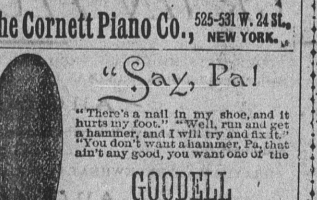
MATTHAI INGRAM & CO., 120 HANOVER ST., BALTIMORE, MD. 64 READE ST., NEW YORK.

CORNETT PIANOS



HAVE PERFECT TONE, ACTION, FRAME WORK, AND FINISH. GUARANTEED 5 YEARS. SEND FOR CIRCULAR AND PRICES.

The Cornett Piano Co., 525-531 W. 24 St., NEW YORK.



"Say, Pa! There's a nail in my shoe, and it hurts my foot." "Well, run and get a hammer, and I will try and fix it." "You don't want a hammer, Pa, that ain't my good, you want one of tin."

GOODSELL FAMILY SHOE FILES Pat. April 5, 1893.

They only cost a quarter, and you can fix it in half a minute. "I saw a picture of one in the paper, Pa, and it said if you could not get one at the store to send me to the factory and they would send one by mail postpaid." "I'll find the paper, Pa. Here's the picture. See, it says 'You Push the Handle, the File Does the Rest.'"

Clears any part of a shoe of nails and pins. A strong, durable and practical tool made to work well, and last long at a low price. It is a light, hand, inch, one, has a polished hardwood handle, nickel-plated ferrule, and a thin, tempered cast steel adjustable file. These goods have come to stay, and upon your dealers carrying them, but if they don't do it we will send them postpaid for 25c. apiece.

H. H. MAYHEW CO., SHELBURNE FALLS, MASS.

Ballard's Snow Liment.

This wonderful Liment is known from the Atlantic to the Pacific and from the Lakes to the Gulf. It is the most penetrating Liment in the world. It will cure Rheumatism, Neuralgia, Sprains, Bruises, Cuts, Wounds, Old Sores, Burns, Scalds, Sore Throat, Sore Chest and all inflammation, after all others have failed. It will cure Barbed Wire Cuts and heal all wounds where proud flesh has set in. It is equally useful for the treatment of the eye. Try it and you will not be without it. Price 50c.

A PATRIOTIC WORK.

Every person who is opposed to Free Trade Slavery and favors American Industry and Independence secured through the policy of Protection, should read the documents published by the American Protective Tariff League. As a patriotic citizen it is your duty to place these documents in the hands of your friends. They are interesting and instructive, and embrace discussions of all phases of the Tariff question. The League publishes over 50 different documents, comprising nearly 600 pages of plainly printed, carefully edited and reliable information. Among the authors of these documents are: Hon. James G. Blaine, Wm. McKim, Jr., Governor of Ohio; Senator S. M. Gillies, of Illinois; Senator Joseph N. Dolph, of Oregon; Senator John S. Morrill, of Vermont; Senator Nelson W. Aldrich, of Rhode Island; Hon. Thomas H. Dudley, of New Jersey; Hon. Robert F. Porter, of Washington; Prof. J. R. Doherty, of the Agricultural Department at Washington; Hon. Commodore W. H. P. Hughes; Hon. E. A. Tamm, of New York; Congressman Dilliver, of Iowa; Hon. S. F. Johnson, of Ohio; Hon. Wm. Lawrence, of Ohio; Hon. D. G. Hartmann, of New York; Hon. Geo. S. Boutwell, of Mass.; Hon. S. H. Amidown, of New York; Enoch Bailey, of Tennessee.

This complete set of documents will be sent to subscribers, post paid, for Fifty (50) Cents. Address, Wilbur P. Wakeland, Secy., No. 23 West Twenty-third Street, New York.

OF DELICIOUS FLAVOR!

THIS IS TRUE OF THESE SPICES.

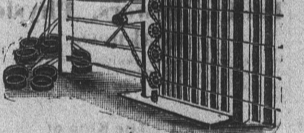


GILLIES MILLS SPICES ABSOLUTELY PURE PEPPER EDWIN J. GILLIES & CO. 245 249 WASHINGTON ST. NEW YORK.

THE STRONGEST HENCE THE MOST ECONOMICAL. PEPPER, MUSTARD, GINGER, CLOVES, CINNAMON, ALLSPICE.

Buy a 1/2 lb. bottle of your favorite Spice from one of the following leading grocers.

EVERY FARMER SHOULD GET ONE OF THE



Keystone Fence Machines.

SIMPLE IN CONSTRUCTION! Easily and Rapidly Operated!

The only Perfect Automatic Fence Machine for weaving Wire and Picket Fence in position to Posts, over even or hilly ground. A man and boy can weave 50 to 60 rods of fence a day, at an average cost of less than 50 cents per rod. Will build a strong fence and set large or small animals. The price is within the reach of every farmer. Write for circulars and full information to The Johnstown Fence Machine Co., Ltd. P. O. Box 231, Johnstown, Pa.

THE BANDY BUY THE BEST.

WIND ENGINE



The Bandy is the result of twelve years' experience in the manufacture of Wind Engines, and contains all the features of a first-class engine. Send for description and prices. MANUFACTURED BY BARLOW & YOUNG GALESBURG, MICH.

POULTRY FOR PROFIT.

Many people are deterred from keeping poultry, fearing an epidemic will carry off their entire investment. The Bird Food Co. chicken Cornmeal Pellets reduce the danger of loss through that dread disease to a very small risk. They are the best specific ever discovered and not only prevent or cure the cholera, but keep also, and almost all diseases to which chickens are liable. Put up in the form of pills, because these are most easily given. The Pellets are prepared by this Company, when mixed with corn meal and fed daily to hens, will greatly increase their laying powers. This Pellet keeps poultry healthy and free from disease, and for young chickens there is nothing else so good for them. Contains 25c. per box. Postpaid. Postpaid 50c. per box for large package. Sold by druggists and storeskeepers generally, or they will send by mail. Fill at the same price. Postpaid. No 10c extra.

BIRD FOOD CO., 400 North Third St., PHILADELPHIA, PA.

Ballard's Horehound Syrup for Whooping Cough.

There is no remedy in the world which will give such prompt relief in Whooping Cough as Ballard's Horehound Syrup. It will positively cure it. If you will try it, your children will not keep you awake all night coughing. Ballard's Horehound Syrup is the most cooling and soothing remedy for Consumption, Coughs, Colds, Bronchitis and Asthma, in the world. It is free from opium. It builds up new tissue, strengthens the Lungs, and is an incomparable remedy, made of the best and purest materials. If your Throat, you need it.



DIAMOND FRAME CUSHION AND PNEUMATIC TIRES

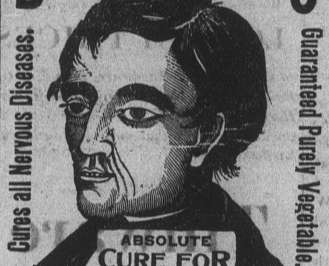
WARRANTY WITH EVERY WHEEL SEND YOUR ADDRESS FOR CATALOGUE

ARIEL CYCLE MFG. CO., GOSHEN, IND.

PATENTS

Caveats, and Trade-Marks obtained, and all Patent business conducted for Mopert, Fees. OUR OFFICE IS OPPOSITE U. S. PATENT OFFICE AND CAN SECURE PATENTS IN LESS TIME THAN THOSE REMOTE FROM WASHINGTON. Send model, drawing or photo, with description of the invention, if desirable or not, free of charge. Our fee not due till patent is secured. A Pamphlet, "How to Obtain Patents," with cost of same in the U. S. and foreign countries sent free. Address: C. A. SNOW & CO. OPP. PATENT OFFICE, WASHINGTON, D. C.

BOTANIC NERVE BITTERS



Guaranteed Purely Vegetable Cures all Nervous Diseases.

Nervousness, Weakness, Nervous Debility, Exhausted Nervous Vitality, Nervous Prostration, Sleeplessness, Mental Depression, Dyspepsia, Hysteria, Paralysis, Numbness, Trembling, Neuralgia, Rheumatism, Apoplexy, St. Vitus Dance, Palpitation and Nervous Pains of the Heart, Headache, Vertigo, Nervous Typhoid, Melancholia, Human Decay, Loss of Energy, Mental and Physical Weakness, Irritability, Bedwetting, Menstrual Disorders, Kidney Disease, Diabetes, Drunkenness or the Lique Habit. Bitters are especially active against the nervous system. They strengthen the brain, soothe the nerves, and clear the system. They are a specific for all the above complaints. Get your bottle. Prepared only by the

Herb Medicine Company, 346 DILLWYN STREET, PHILADELPHIA, PA.

YOU WANT A METALLIC ROOF WE MAKE IT



STEEL AND IRON ROOFING

ROOFING PAINTS, CORRUGATED IRON SIDINGS AND CEILING. Corrugated Iron Suitable for Elevators, Mills, Barns, etc., a Specialty. Best and cheapest roof in the world; tools loaned to apply it; any one can put it on. Full instructions sent with all orders; wind, water and lightning proof. SEND FOR ILLUSTRATED CATALOGUE.

N. A. HALDEMAN & CO., 33 N. FRONT ST., PHILADELPHIA, PA. AGENTS WANTED.

PHOENIX FURNITURE COMPANY

Manufacturers of Chamber Suits Chiffoniers and Extension Tables In Oak.

ROCKFORD, ILLINOIS, U. S. A.

A Piano SENT on trial

WE PAY FREIGHT If you do not keep it. We think you will keep it. It pleases everybody. It is an honest piano. It is the WING Piano.

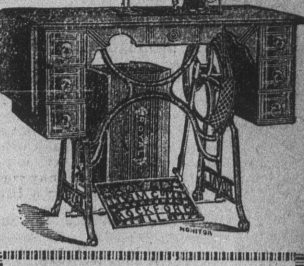
You may have a preference for some other make. Still you are a reasoning creature, and open to conviction, no doubt.

The question is too important to be settled without due thought. Years of satisfaction or of regret come with a piano. Does it wear well? The WING Piano does. "Look before you leap."

Whatever piano you buy, there are piano secrets you ought to know. Our free book tells them. Send a postal card for it. It may help you to buy a different piano. We take that risk. We also tell you the nearest dealer where you can see a WING Piano. It is worth looking at. So is the price. WING & SON, 245 Broadway, New York.

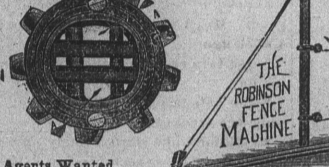
ROYAL SEWING MACHINE

WARRANTED 5 YEARS



Has a Large High Arm. Has a Self-setting Needle. Has No Equal in Construction. Has a Mechanical Appearance. Has an Elegant Finish. Has a Perfect Adjustment. Has a Positive Take-up. Has Stylish Furniture. Has More Good Sewing Qualities and does a Larger Range of General Work than any Sewing Machine in the World. Examine THE ROYAL for points of excellence, and you will buy no other. ROYAL S. M. CO., Rockford, Ill.

TWISTER WHEEL



Shows openings for Wires. Requires NO OIL on the Wires. Weaves over Splices in Wires with Ease. Has Perfect Independent Spring Tension for Each Wire. Twisting Wheel will not injure the Fine Coasting of Wires. For Description and Prices, Address, SAFETY GATE CO., Richmond, Ind.

THE IMPROVED ROASTER AND BAKER

Possesses all the fine points of all other pans and then steps far ahead of them in quality of material, simplicity of construction, durability, and the thorough manner in which it does its work. Is one of the greatest labor-saving utensils ever placed in the kitchen. As a baker of bread, beans, potatoes or fish, it has no equal. It does its own basting and retains all the strength and flavor of the meat.

We want an agent in every county in the United States, and will pay liberal commissions. Write for descriptive circular and discounts to agents. Address, THE STAR BAKER CO., Bellville, Richland Co., OHIO.

FARMERS YOU WANT A STAR FIVE HOE FERTILIZER DRILL?



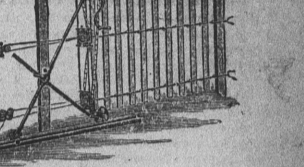
LOOK HERE

THE BEST COSTS ONLY \$28. LASTS FOR EVER.

Send AT ONCE for our circular and investigate this machine, it is the leader for 1892.

THE STAR DRILL CO., RUSHVILLE, IND.

THE ROBINSON FENCE MACHINE



Agents Wanted. Requires NO OIL on the Wires. Weaves over Splices in Wires with Ease. Has Perfect Independent Spring Tension for Each Wire. Twisting Wheel will not injure the Fine Coasting of Wires. For Description and Prices, Address, SAFETY GATE CO., Richmond, Ind.

WHY NOT BUY THE BEST?

All Our Goods Guaranteed. Ask Your Storekeeper for Them.



JET BLACK PASTE STOVE POLISH THE QUEENCITY MFG. CO. BUFFALO, N.Y.

Correspondence Solicited. Manufactured by the QUEEN CITY MFG. CO., BUFFALO, N. Y.

JET BLACK STOVE POLISH

Jet Black Paste Stove Polish, Jet Black Dealers' Paste, Jet Black Waterproof Shoe Dressing, Jet Black Waterproof Carriage Top and Harness Dressing, Jet Black Enamel for Stoves, Pipes, etc., Impervious Shoe Dressing for Ladies' Shoes, American Boot and Shoe Blacking, French Boot and Shoe Blacking, Uncle Sam Axle Grease.

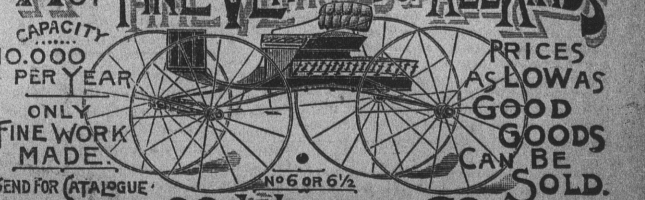


JET BLACK SHOE BLACKING THE QUEENCITY MFG. CO. BUFFALO, N.Y.

Correspondence Solicited. Manufactured by the QUEEN CITY MFG. CO., BUFFALO, N. Y.

WATERLOO WAGON LIMITED

MANUFACTURERS OF FINE VEHICLES OF ALL KINDS



ONLY FINE WORK MADE. CAPACITY 10,000 PER YEAR. PRICES AS LOW AS GOOD GOODS CAN BE SOLD. SEND FOR CATALOGUE. WATERLOO WAGON CO. LIMITED. WATERLOO, N.Y., U.S.A. MENTION THIS PAPER