

Table of prices for various mechanical parts and tools, including desk, door check, draft regulator, dredging machine, etc.

Table of prices for various mechanical parts and tools, including tubs and buckets, upholsterer's button attachment, etc.

DESIGNS PATENTED.

Table listing patented designs, such as glass, rubber shoes, drawer-pulls, etc.

SCHEDULE OF PATENT FEES.

Table detailing patent fees for various stages like 'On each caveat', 'On each trademark', etc.

Advertisements.

Inside Page, each insertion --- 75 cents a line. Back Page, each insertion --- \$1.00 a line.

Steel Castings.

From 1-4 to 10,000 lbs. weight. An invaluable substitute for expensive forgings...

Advertisement for '1000 REWARD. \$100.' regarding a moustache production.

Advertisement for 'AMATEUR PHOTOGRAPHIC APPARATUS'.

PATENT COLD ROLLED SHAFTING.

The fact that this shafting has 75 per cent. greater strength than the best...

Advertisement for 'WOOD & LIGHT Machine Co.' featuring iron-working machinery.

Wood-Working Machinery.

Such as Woodworth Planing, Tongueing, and Grooving Machines, Daniel's Planers, etc.

ELOCUTIONIST'S JOURNAL GIVES.

choice standard and current pieces for professional and amateur Readers and Speakers.

WE ENAMEL.

in FINE JET BLACK every variety of turned wood work parts of machinery, castings, etc.

\$3 WATCHES.

Cheapest in the known world. Sample watch and outfit free to Agents.

Driven or Tube Wells.

furnished to large consumers of Croton and Ridgewood Water.

AIR COMPRESSORS FOR ALL PURPOSES.

A SPECIALTY OF HEAVY PRESSURES. THE NORWALK IRON WORKS CO., SOUTH NORWALK, CONN.

Advertisement for 'THE HOADLEY PORTABLE STEAM ENGINE' with automatic cut-off regulator.

TAKE NOTICE.

We have the largest and best selling Stationery Package in the World. It contains 15 sheets of paper, 15 envelopes, pencil, penholder, golden pen, and a place of valuable jewelry.

Lathes, Planers, Shapers, Drills, Gear & Bolt Cutters, &c.

WILLIAM SELLERS & CO., Philadelphia, and 79 Liberty St., New York.

Planing and Matching.

Moulding, Re-sawing and Tenoning Machines. Scroil Saws and General Wood-working Machinery.

STEEL NAME STAMPS.

Only 15c a Letter, post paid. Address STEEL STAMP WORKS, New Haven, Conn.

WANTED.

Salesmen to sell light hardware to Dealers. No peddling. Salary, \$1,200 a year.

Advertisement for 'EAGLE FOOT LATHES' with scroll and circular saw attachments.

MACHINERY OF EVERY DESCRIPTION.

COLD ROLLED SHAFTING, HANGERS, PULLEYS, COUPLINGS, BELTING, TANTIE EMBRY WHEELS AND GRINDERS, IN STOCK.

Wanted to cure a case of Catarrh.

to cure a case of Catarrh in each neighborhood. Sample free. J. C. KILZON, Pittsburg, Pa.

\$10 TO \$500 INVESTED IN WALL ST.

Often leads to wealth. A 72 page book explaining everything, and a copy of the Wall Street Review, sent free.

MESSRS. B. DAMBACHER & CO.

Hamburg, Germany, dealers in American Wood-Working Machinery and Tools of all kinds.

ON THE PROGRESS OF AERONAUTICS.

An essay read before the Aeronautical Society of Great Britain. By Frederick W. Breezer, Secretary of the Association.

MACHINERY OF IMPROVED STYLES FOR MAKING SHINGLES, HEADING AND STAVES.

also GUAGE LATHES for TURNING HANDLES. Sole makers of Law's Pat. Shingle and Heading Sawing Machine.

JOSEPH C. TODD, ENGINEER AND MACHINIST.

Formerly of Todd & Rafferty, ENGINEER and MACHINIST. Flax, Hemp, Jute, Rope, Oakum, and Bagging Machinery.

SEEKER'S & CHEMICALS.

Complete, with directions, \$10. No. 10, takes pictures 4 1/2 x 6 inches. Send for illustrated circular.

\$3984 Made by one Agent in 57 days.

Advertisement for 'THE TRADE ENGINE' with an image of the engine and text describing its noiseless operation.

REVERSIBLE HOISTING ENGINE FOR ALL PURPOSES.

Simple, durable and effective. LIDGERSWOOD MFG CO., 165 Pearl St., N. Y.

WANTED! SALESMEN at a salary of \$1800 a year.

THE UNION IRON MILLS, Pittsburgh, Pa.

Manufacturers of improved wrought iron Beams and Girders. The great fall which has taken place in the price of iron...

\$290. FOR BEST PIANOS IN THE WORLD.

- in use all over the U. S. in over 900 towns by persons who will find in our Illustrated Circular, probably residents of your own place or very near, where you can try our pianos.

PATENTS

[ESTABLISHED 1846.] Munn & Co.'s Patent Offices.

The Oldest Agency for Soliciting Patents in the United States.

THIRTY YEARS' EXPERIENCE. MORE PATENTS have been secured through this agency, at home and abroad, than through any other in the world.

SIXTY THOUSAND inventors have availed themselves of Munn & Co.'s services.

MUNN & CO., in connection with the publication of the SCIENTIFIC AMERICAN, continue to examine inventions, confer with inventors, prepare drawings, specifications, and assignments, attend to filing applications in the Patent Office, paying the Government fees, and watch each case, step by step, while pending before the examiner.

Copies of Patents.

Persons desiring any patent issued from 1836 to November 26, 1867, can be supplied with official copies at reasonable cost, the price depending upon the extent of drawings and length of specifications.

When ordering copies, please to remit for the same as above, and state name of patentee, title of invention, and date of patent.

A pamphlet, containing full directions for obtaining United States patents, sent free.

MUNN & CO., Publishers SCIENTIFIC AMERICAN, 37 Park Row, N. Y.

BRANCH OFFICE—Corner of F and 7th Streets, Washington, D. C.