



Refrigerators, C. H. Leonard... 20,326
Remedy for diseases of the stomach, etc., internal... 20,313
Remedy for diseases of the throat, chest, and... 20,321

A printed copy of the specification and drawing of any patent in the foregoing list, or any patent in print issued since 1863, will be furnished from this office for 25 cents.

Canadian patents may now be obtained by the inventors for any of the inventions named in the foregoing list, provided they are simple, at a cost of \$40 each.

Advertisements.

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

The above are charges per agate line--about eight words per line. This notice shows the width of the line, and is set in agate type.

USE ADAMANT WALL PLASTER

It is Hard, Dense, and Adhesive. Does not check or crack. It is impervious to wind, water, and disease germs.

Advertisement for a lathe, showing an image of the machine and text describing its features and price (\$85).

THE MODERN ICE YACHT. -- BY Geo. W. Polk. A new and valuable paper, containing full practical directions and specifications for the construction of the fastest and best kinds of Ice Yachts of the latest, most approved forms.

Advertisement for Rock Drills, Air Compressors & Mining Machinery, including text about quarry and railroad work.

Advertisement for 'STANDARD' EMERY WHEEL DRESSER, showing an image of the tool and text describing its use for grinding and sharpening emery wheels.

THE INDEPENDENT
No. 251 Broadway, New York.
The Largest, The Ablest, The Best, Religious and Literary NEWSPAPER IN THE WORLD.

It is a Newspaper, Magazine and Review all in one. It is a religious, a literary, an educational, a story, an art, a scientific, an agricultural, a financial, an insurance, and a political paper combined.

THE INDEPENDENT, P. O. Box 2787. NEW YORK.

Advertisement for Moss Engraving Co., showing an image of an engraving and text describing their services in various engraving specialties.

Our new General Circular 'S. A.' showing specimens of all our work, is now ready. Send stamp and particulars for estimate.

Advertisement for 'THE PIGS' wire mat, featuring an image of the mat and text describing its use for catching and trapping pigs.

PROPOSALS.

Removal of Wreck on Townsend Inlet Bar, New Jersey. -- U. S. ENGINEER OFFICE, 423 Arch Street, Philadelphia, Pa., October 24, 1891.

Advertisement for Magic Lanterns, showing an image of a lantern and text describing their features and availability.

HARPER'S PERIODICALS

HARPER'S MAGAZINE, One Year - - \$4.00
HARPER'S WEEKLY, One Year - - - 4.00
HARPER'S BAZAR, One Year - - - 4.00
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The volumes of the WEEKLY and BAZAR begin with the first numbers for January, the volumes of the YOUNG PEOPLE with the first number for November, and the volumes of the MAGAZINE with the numbers for June and December of each year.

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The MAGAZINE is an overflowing store of good literature and exquisite art--a delightful production deserving all the fame and all the material success which have been won by it.

Address HARPER & BROTHERS, NEW YORK.

LEARN WATCHMAKING of W. F. A. Woodcock, Winona, Minn. Write for terms

SPECIAL NOTICE! Two handsome photo-engraved display sheets entitled, 'Recent Improvements in Air Compressors,' 'Recent Improvements in Rock Drills,' mailed free to any one who will cut out this advertisement and mail it to us with his name and address.

Advertisement for 'SETS OF CASTINGS OF MODEL ENGINES CATALOGUES' by Goodnow & Wightman.

STORY OF THE UNIVERSE--BY DR. William Huggins, D.C.L., L.L.D. Presidential address before the British Association, Cardiff, 1891.

Advertisement for GATES ROCK & ORE BREAKER, showing an image of the machine and text describing its capacity and use.

Advertisement for Perforated Metals & Mining Screens, showing an image of a screen and text describing their use in various mining operations.

OIL WELL SUPPLY CO.

91 & 92 WATER STREET, Pittsburgh, Pa. Manufacturers of everything needed for ARTESIAN WELLS for either Gas, Oil, Water, or Mineral.

Advertisement for Van Duzen's Patent Loose Pulley Oiler, showing an image of the device and text describing its features.

THE NEW MODEL 'HALL.' PERFECT TYPEWRITER. BEST MANIPULATOR. TERMS TO AGENTS LIBERAL.

The Scientific American PUBLICATIONS FOR 1891.

Table listing various publications from The Scientific American and their prices, including 'The Scientific American (weekly)', 'The Scientific American Supplement', etc.

DEAFNESS & HEAD NOISES CURED

'THE SINTZ' GAS AND GASOLINE ENGINES. Stationary and Marine. Makes its own supply of gas from gasoline, and at less expense than any other engine.

ROPE BRIDGES AND THEIR MILITARY Applications. Description of the Gischard system of rope bridges for army use.

Advertisement for 'The Shiner Cutter Heads' by Sam'l J. Shiner & Sons, showing an image of a cutter head and text describing its use.

Useful Books!

Manufacturers, Agriculturists, Chemists, Engineers, Mechanics, Builders, men of leisure, and professional men of all classes, need good books in the line of their respective callings.

Advertisement for Atkinson 'Cycle' Gas Engine, showing an image of the engine and text describing its features.

Advertisement for Clark's Wool Washers and Patent Rubber Covered Squeeze Rolls, showing an image of a washer and text describing its use.

Advertisement for Perforated Metals & Mining Screens by Harrington & King, showing an image of a screen and text describing their use.

Advertisement for Family Ice Machine, showing an image of the machine and text describing its features.

GUM ARABIC AND ITS MODERN substitutes. By Dr. S. Rideal and W. E. Voule. Notes relative to the appearance and properties of the various natural and artificial substitutes for gum arabic.

Advertisement for Jenkins' Upright Cushioned Power Hammer, showing an image of the hammer and text describing its use.

Undeveloped Wealth. The edge of an invention crops out of the mind of a thinking man who lacks the mechanical means of following it up.

THE PENNA. DIAMOND DRILL & MFG. CO. BIRDSBORO, PA. Builders of High Class Steam Engines, Diamond Drills, Power and Hand Cranes, and General Machinery.

ICE-BOATS -- THEIR CONSTRUCTION and management. With working drawings, details, and directions in full.

Advertisement for Little Hercules Drill Chuck, showing an image of the chuck and text describing its features.

2nd MACHINERY. N. Y. Mach'y Depot, Bridge Store 16, Frankfort St., N. Y.

Advertisement for Pelton Water Wheel, showing an image of the wheel and text describing its efficiency.

CHUCKS. Catalogue No. 12, just issued, with over 40 new illustrations, sent free. Address: The Cushman Chuck Co., Hartford, Conn.

Advertisement for Cheap Printing, showing an image of a printing press and text describing their services.

U. S. INFALLIBLE METAL POLISH, In Paste, Liquid or Powdered form, is superior to any other Polish or material now or heretofore in use.

Advertisement for The Sebastian-May Co. LATHES, showing an image of a lathe and text describing their products.

AIR BRUSH. Highest gold medal award by Franklin Institute as a legitimate Art Tool. Invaluable to crayon and water color portrait artists and draughtsmen.

Advertisement for Barnes' New Friction Disk Drill, showing an image of the drill and text describing its features.

PATENTS!

MESSRS. MUNN & CO., in connection with the publication of the SCIENTIFIC AMERICAN, continue to examine improvements, and to act as Solicitors of Patents for Inventors.