

JEWETT'S Portable Crock Filter.

Pat. Nov. 16, 1869, Oct. 15, 1878.

PATENT PENDING.

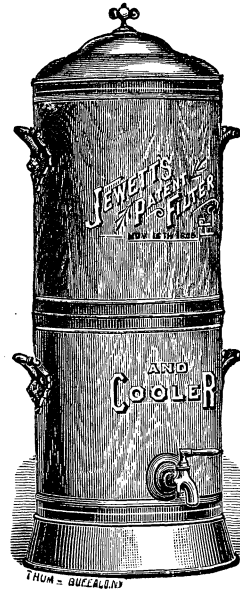
The Latest Improvement

consists in placing the filtering material in a separate vessel or crock. The advantage being this, viz ;

That whenever the filter part gives out, a new crock can be obtained, which will make the whole complete as when first purchased. We, therefore, recommend parties at a distance (instead of attempting to get the Filter re-packed) that they should purchase a new filter crock, the cost of which is moderate, and no more than the cost of repacking.

ORNAMENTAL STYLE.

No. 71, Porcelain Reservoir, $4\frac{1}{4}$ quarts.	\$7.25 each.
" 72, " " $7\frac{1}{2}$ "	9.25 "
" 73, " " 11 "	11.00 "
" 74, " " 16 "	13.00 "
" 75, " " 26 "	15.50 "



The Original and Genuine.

ALL OTHERS ARE IMITATIONS.

Over 100,000 now in use.

Acknowledged the only complete Filter and Cooler in the world.

JEWETT'S PORTABLE CROCK FILTER WITH PORCELAIN-LINED COOLER.

This is the only Filter having the Patent Removable Filtering Cup attached, which holds all sediment that would otherwise pass into the filter.

This celebrated Filter will take river, lake, pond, rain or other impure water, and render the same of

Sparkling Transparency
and Purity.

STAINED OAK.

No. 61, Porcelain Reservoir, $4\frac{1}{4}$ quarts.	\$6.75 each.
" 62, " " $7\frac{1}{2}$ "	8.75 "
" 63, " " 11 "	10.50 "
" 64, " " 16 "	12.50 "
" 65, " " 26 "	15.00 "

READ THE TWO MOST CONVINCING TESTIMONIALS.

ISAAC S. WILLIAMS & Co., 728 Market Street, Philadelphia, Pa.—We have sold your "Patent Water Filter" for the last six years. Our sales in that time having reached upwards of five thousand, and in no instance have we heard of any failure in performing all you claim for them.

WEBB & BEVERIDGE:—I am just in receipt of your favor of yesterday, requesting my opinion of the "Jewett Filter" purchased of you several months ago for my personal use, and am pleased to say that it has fully answered your expressed estimate of its value. As a cleanser and purifier of drinking water it is certainly not excelled by any mechanical arrangement known to me. THE FOREGOING REMARKS APPLY EQUALLY TO THE LARGER FILTER OF THE SAME MAKE PURCHASED FOR THE BOARD OF HEALTH.

Very respectfully yours,

CHRIS. C. COX, M. D.

Manufactured only by JOHN C. JEWETT & SONS, Buffalo, New York.

FOR SALE IN NEW YORK CITY BY KING, BRIGGS & CO., 506 Broadway. J. H. BALDWIN & CO., 21 Murray Street. L. HEYNIGER, 18 Fulton Street. CHARLES JONES, 920 Broadway. LEWIS & CONGER, 601 Sixth Avenue.

Electrical Batteries for Medical Purposes.

THE WESTERN ELECTRIC MANUFACTURING CO.

CHICAGO, NEW YORK,

MANUFACTURERS OF AND DEALERS IN

STATIONARY GALVANIC BATTERIES, PORTABLE HIGH ELECTROMOTIVE FORCE BATTERIES, CHLORIDE OF SILVER BATTERIES, GALVANO-CAUTERY BATTERIES, FARADAIC BATTERIES, POCKET BATTERIES, BATH APPARATUS, AND ELECTRODES.

Dr. Butler's Plumbago Rheostat,

PLIABLE SPONGE ELECTRODES, &c., &c.

CATALOGUES ON APPLICATION.

Address all Orders to

Western Electric Man'g Co.

38 Union Square,

— NEW YORK —

CITY.

PRICE:

No. 1, \$25.00;

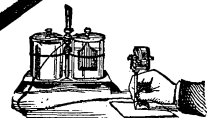
No. 2, \$30.00;

No. 3, \$35.00

Full Description and Samples of Work sent on Application.

EDISON'S ELECTRIC PEN AND PRESS,

38 UNION SQUARE, NEW YORK CITY.



EDISON'S

Electric Pen & Duplicating Press,

An Extremely Useful Invention

FOR

DUPLICATING WRITTEN OR PRINTED MATTER.

8,000 Copies from a Single Writing, at the Rate of 400 an Hour.

It is successfully used by Schools, Colleges, Banks, Commission Houses, Mercantile Firms, Lawyers, Ministers, Copyists, and every person or firm desiring a number of duplicates of any document.

10,000 Pens now in Use and the Demand Steadily Increasing!

BRAIN AND NERVE FOOD. VITALIZED PHOS-PHITES,

Composed of the Vital or Nerve-giving Principles of the Ox-Brain and Wheat-Germ.

IT RESTORES THE ENERGY LOST BY NERVOUSNESS OR INDIGESTION; RELIEVES LASSITUDE, ERRATIC PAINS AND NEURALGIA; REFRESHES THE NERVES TIRED BY WORRY, EXCITEMENT, OR EXCESSIVE BRAIN FATIGUE; STRENGTHENS A FAILING MEMORY, AND GIVES RENEWED VIGOR IN ALL DISEASES OF NERVOUS EXHAUSTION OR DEBILITY IT IS THE ONLY **PREVENTIVE** OF CONSUMPTION.

IT GIVES VITALITY TO THE INSUFFICIENT BODILY OR MENTAL GROWTH OF CHILDREN, PREVENTS FRETFULNESS AND GIVES QUIET, REST AND SLEEP. IT GIVES A BETTER DISPOSITION TO INFANTS AND CHILDREN, AS IT PROMOTES GOOD HEALTH TO BRAIN AND BODY.

PHYSICIANS HAVE PRESCRIBED 300,000 PACKAGES. For Sale by Druggists or by Mail, \$1.

F. CROSBY, 664 & 666 Sixth Ave., N. Y.—London, 137 A Strand.

DRAWING INSTRUMENTS

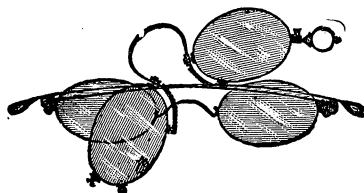
And Materials of all kinds.

OPTICAL INSTRUMENTS,

Microscopes, Telescopes, &c.

G. S. WOOLMAN, 116 Fulton Street,
NEW YORK.

Send for Illus. Catalogue, and mention this Journal.



CELLULOID EYE-GLASSES.

Representing the choicest selected Toroise-Shell and Amber. The **LIGHTEST**, **HANDSOMEST** AND **STRONGEST** known. Sold by Opticians and Jewellers. Made by

SPENCER OPT. M'FG CO.,
13 MAIDEN LANE, NEW YORK.

BOOKS

RELATING TO

PRACTICAL SCIENCE

Embracing Works on Civil, Mechanical, Military and Naval Engineering. Descriptive Catalogue sent free on application.

E. & F. N. SPON, 446 Broome St., N. Y.

4 STYLOGRAPHIC PENS FOR SALE:

CROSS'S PATENT, best quality, iridium points; just selected by expert from stock of manufacturers. **Price \$4 each.**

N. B.—As these pens vary much in quality, the present is a good opportunity to obtain a reliable instrument. *Apply at Office of "SCIENCE," 229 Broadway, Room 53, N. Y.*

CHART OF

ANIMAL CLASSIFICATION

The Subkingdoms, Classes, Orders and Families, with examples, arranged according to the principles of classification. **Price, 15 cents.**

Address,
A. B. GRIFFEN, 641 Broad St., Newark, N. J.

TAKE THE BEST.

THE INTERNATIONAL REVIEW.

NEW MONTHLY SERIES.

JOHN T. MORSE, JR., HENRY CABOT LODGE, Editors.

Price 50 Cents a month; \$5.00 a year. Specimen copies sent post-paid on receipt of 15 cents.

AGENTS WANTED who understand the character, scope and value of the REVIEW, to solicit subscriptions.

A. S. BARNES & CO.,

111 & 113 William Street, New York.

THE ASTRONOMICAL REGISTER.

Published Monthly. Present Number 214.

Subscribers in America can send, either by Post Office Order or in notes, \$3.50 for one year's subscription, postage included. P. O. O. to be made payable to JOHN C. JACKSON, Lowe Clapton, London, Eng.

ADDRESS: 11 Angel Court Throgmorton Street,
LONDON, ENG.

J. & H. BERGE,

(Late Hall & Benjamin)

IMPORTERS & MANUFACTURERS

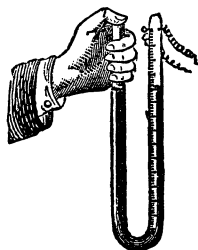
—OF—

CHEMICAL and PHYSICAL APPARATUS

OF ALL KINDS.

191 GREENWICH & 95 JOHN STREETS, NEW YORK.

Send Postal for Descriptive & Illustrated Catalogue.

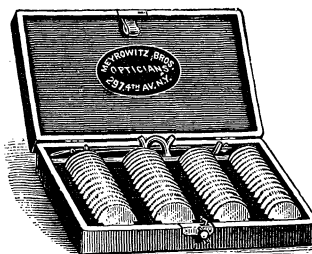


MEYROWITZ BROTHERS,

OPTICIANS,

297 Fourth Ave., N. Y.,

S. E. COR. 23D ST.



Trial Cases, Ophthalmoscopes, Artificial Eyes, Clinical Thermometers, Microscopes, Electric Batteries, etc.

Special attention given to prescriptions of Oculists.

N. B.—An Illustrated Catalogue will be sent free upon request.

SCIENCE:

A WEEKLY JOURNAL OF SCIENTIFIC PROGRESS.

Vol. II. No. 32, - - - - - February 5, 1881.

CONTENTS.

On Matter as a Form of Energy, by Prof. A. E. Dolbear; Recent Additions to the E. M. Museum at Princeton College, by Henry F. Osborn; The Classification of Science, II., by Rev. Samuel Fleming; The Rotary Power of Commercial Glucose, by H. W. Wiley; New Portable Microscope; On Chicken Cholera: A Study of the Conditions of Non-Recidivation and of Some Other Characteristics of this Disease, I., by M. L. Pasteur; On the First Comet of 1861, and the Meteors of April 22, by Prof. Daniel Kirkwood; Recurring Periods in the Weather, by James H. Gardiner; Correspondence; Notes, Astronomical, Chemical, etc., etc., etc.

SUBSCRIPTION, FOUR DOLLARS A YEAR.

SINGLE NUMBERS, TEN CENTS.