SCIENTIFIC NOTES.

ANTIMONY FOR GALVANIC BATTERIES.—M. Böttger, is reported in a Pagis journal as recommending for force and durability, the following arrangement: A cylinder of amalgamated zinc is placed in a concentrated solution of equal parts of common salt and sulphate of magnesia; the antimony is placed in a porous cell filled with dilute sulphuric acid.

NEW USE OF BRAN.—M. Poncelet proposes, in the *Monitour Scientific* of Paris, to use a certain quantity of bran, which contains from 40 to 60 per cent of its weight of starch, instead of malt or raw grain, for the purpose of brewing, and for the manufacture of starch. He either uses the bran as it is, or extracts the starch previously, and adds it to the materials required for the mash-tubs.

SULPHUROUS ACID GAS FOR DISSOLVING BONES.—M. Coignet of Paris, for the purpose of extracting gelatine from bones, places them in cold water and forces a current of sulphurous acid gas through the water until the bones become completely softened. They are afterward washed in water wherein some of the gas has been previously dissolved. It is well known that hydrochloric acid is used for the same purpose, but it is objectionable on account of the formation of chloride of calcium, which interferes with the drying of the gelatine.

FLUOSILICIC ACID FOR REFINING SUGAR.—M. Marix has obtained a patent in France for the employment of fluosilicic acid in purifying beet-root and other saccharine juices. The juices are diluted with water, to remove viscidity, and sufficient fluosilicic acid is then added to precipitate all the salts of potassium; powdered chalk is then used to saturate any excess of the acid. A clear liquid is next obtained by filtering, which is treated afterward in the usual manner.

EFFECT OF HEAT ON GALVANIC BATTERIES.—M. Crova, in the *Paris Cosmos*, gives the result of his researches as follows: 1. The electromotive force of a Daniell element decreases regularly with the increase of temperature; (this conclusion is directly at variance with that of the best American electricians.) 2. The force of a Grove element increases with temperature. 3. The force of an element containing only one liquid, as in Smee's battery, is independent of the variations of temperature.

HUNGARIAN WHEAT.—It is well-known that the composition of wheat varies slightly, according to climate and soil. Samples of Hungarian Wheat from the extensive granaries of Pesth, have been analysed, and O. Dempwolf reports the result for 100 parts: Water, 10.511; ash, 1.868; gluten, 14.352; starch, 65.407; fatty matter and woody fiber, 8.225. The existence of sugar could not be proved. The chief ingredients of the ash were found to be—phosphoric acid, 49.902; potash, 31.825; magnesia, 14.862 per cent.

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a very entertaining and instructive volume of nearly 550 pages, profusely illustrated, and sold for $3. A splendid book for agents, now meeting with an unprecedented sale. It contains a full description of the Pacific Railroad; describes life among the Mormons, Indians and Chinese; gives details of the wonderful scenery, agriculture, mines, social life, progress, and prosperity of our New Western States and Territories, &c., &c. Now is the time to secure an agency. Circulars containing full particulars sent free on application to
HARTFORD PUBLISHING COMPANY, Hartford, Conn.

MEN OUT OF EMPLOYMEMT.—An excellent opportunity to engage with a popular and well-established Real Estate, Life and Fire Insurance firm. Address POST-OFFICE, Box No 1,916 New-York City.

WANTED—AGENTS, $75 to $200 per month, everywhere, male and female, to introduce the GENUINE IMPROVED COMMON SENSE FAMILY SEWING-MACHINE. This Machine will stitch, hem, fell, tuck, quilt, cord, bind, braid and embroider in a most superior manner. Price only $15. Fully warranted for five years. We will pay $1,000 for any machine that will sew a stronger, more beautiful, or more elastic seam than ours. It makes the "Elastic Lock Stitch." Every second stitch can be cut, and still the cloth cannot be pulled apart without destroying the seam. We pay Agents from $75 to $200 per month and expenses, or a commission from which twice that amount can be made. Address SECOMB & Co., Pittsburgh, Pa.; St. Louis, Mo., or Boston, Mass.
CAUTION.—Do not be imposed upon by other parties palming off worthless cast-iron Machines, under the same name or other names. Ours is the only genuine and really practical cheap machine manufactured.

WANTED—A young man of good address and character, energetic and industrious, a good penman, as ASSISTANT in the Advertising Department of a first-class Journal. Address, with references, "F. A.," Tribune Office, New-York.

Internal Revenue.

UNITED STATES INTERNAL REVENUE,
Ninth Collection District, State of New-York, Twelfth, Nineteenth, and Twenty-second Wards of the City of New-York.—Collector's Office, No. 69 West Forty-fourth-st.—Notice is hereby given, in pursuance of law, that I have received from the Assessor the ANNUAL LIST OF INCOMES for the year 1869, ENUMERATED ARTICLES for the year ending March 1, 1870, and SPECIAL TAXES for the year ending May 1, 1870; that the taxes thereon have become due and payable, and that I will attend personally, or by Deputy, to receive the same at my office, No. 69 West Forty-fourth-st., daily (Sundays excepted), from the 25th day of June, to and including the 15th day of July, 1869, between the hours of 9 a. m. and 2 o'clock p. m.
All persons who shall neglect to pay the sums due by them respectively, according to the list aforesaid, within the time specified, will become liable to the penalties prescribed by law.
WM. A. DARLING, Collector Ninth District, State of New-York.
New-York, June 15, 1869.

UNITED STATES INTERNAL REVENUE,
Collector's Office, Ninth District, New-York.—New-York, July 10, 1869.—Notice is hereby given, in pursuance of law, that I seized, on the 8th day of July, for violation of the Internal Revenue laws, a quantity of loose tobacco and 4,000 cigars removed from a dwelling house at Mount Morris, New-York city, and any person or persons claiming the same must appear before me and make such claim within thirty days from the date of this notice, otherwise the same will be exposed for sale on the 19th day of August, 1869, at 11 o'clock in the forenoon, at No. 69 West Forty-fourth-st. New-York city. WM. A. DARLING, Collector.

Sales by Auction.

A. MERWIN, Auctioneer.
BY BANGS, MERWIN & Co., Broadway, cor. 4th-st.—Sales of Books, Works of Art, Fancy Goods, Furniture, &c.

GEO. A. LEAVITT, Auctioneer.
BOOK TRADE SALE ROOMS, CLINTON HALL, Astor-place and Eighth-st. LEAVITT, STREBIGH & Co. CONSIGNMENTS SOLICITED. LIBRARIES CATALOGUED AND SOLD.

O. H. PIERSON, Auctioneer.—JOHN G. PERZEL & Co. will sell on TUESDAY, July 13, at 12 o'clock, at the Navy-Yard, Brooklyn, (by order Rear-Admiral S. W. Godon, Commandant,) large lot junk, rope, carpet, lumber, barrels, &c.; also two fine horses.

Chances for Business Men.

FOR SALE.—The Germantown Transportation Company offer for Sale their excellent and commodious Barge HARVEST HOME, built in 1863 by Clare Brothers, Malden. Said Barge is 115 feet in length of keel, 28 feet beam, and 7½ feet hold, 33 feet over guard. Is well adapted for the marketing and hay trade of the Hudson River. She is offered for Sale as the Company are desirous of securing some Barge drawing less water. D. W. HOVER, PHILIP H. ROCKEFELLER, Jr., HENRY L. ROCKEFELLER, Directors.

FOR SALE, $6,000—Two PATENTS on a valuable and useful little mechanical article, in which there is money soon and easily made. Proprietors desire to sell because of other business occupying their attention. Call or address C. T. BAINBRIDGE, No. 33 Beekman-st., N. Y.

$500.—A PUBLIC LECTURER DESIRES a cashier and manager. Pays $75 weekly; $500 capital requisite. Address RODMAN, No. 823 Broadway.

Corporation Notices.

OFFICE METROPOLITAN BOARD OF HEALTH, No. 301 MOTT-ST., NEW-YORK, July 9, 1869.
AT A MEETING of the METROPOLITAN BOARD OF HEALTH, held at its office, No. 301 Mott-st., New-York, on the 7th day of July, 1869, the following resolutions were adopted:
Resolved, And it is hereby declared to be an additional ordinance of this Board: That no person shall destroy nor in any wise injure or impairs any drinking hydrant or part thereof, in the Metropolitan Sanitary District; nor shall any person interfere with the use or enjoyment of the water therein or therefrom, or interrupt the flow thereof, for or as a drink; nor shall any person put any dirty, poisonous, medicinal or any noxious substance into or near said water or hydrant, whereby such water is made, or may be regarded as, dangerous or unwholesome as a drink; and the penalties and criminal liabilities imposed by the Health Laws of 1866 and 1867 will be incurred by all acts hereby forbidden.
Resolved, And it is hereby declared to be an additional ordinance of this Board: That no owner, part owner, charterer, agent or consignee of any vessel, nor any officer or person having charge or control of the same, shall allow to be cast therefrom, and no person shall cast therefrom into any public waters in the Metropolitan Sanitary District, any straw, bedding, clothing or other substance from any incoming vessel, from any foreign port or port south of Cape Henlopen, without a permit from this Board, except as allowed by the Quarantine authorities.
[L. S.] GEO. B. LINCOLN, President.
RICHARD CLARK, Secretary.

CORPORATION NOTICE.—PUBLIC NOTICE is hereby given to the owner or owners, occupant or occupants of all houses and lots, improved or unimproved lands affected thereby, that the following assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz:
First—For laying Nicholson pavement in Sixteenth-st., from Fourth-ave. to Rutherford-place.
Second—For laying Nicholson pavement in Irving-place, from Fourteenth to Twentieth-st.
The limits embraced by such assessment include all the several houses and lots of ground, vacant lots, pieces and parcels of land, situated on
First—Both sides of Sixteenth-st., from Fourth-ave. to Rutherford-place, to the extent of half the block on the intersecting streets.
Second—Both sides of Irving-place from Fourteenth to Twentieth-st., to the extent of half the block on the intersecting streets.
All persons whose interests are affected by the above-named assessments, and who are opposed to the same, or either of them, are requested to present their objections in writing to Emanuel B. Hart, Chairman of the Board of Assessors, at their office, No. 32 Chambers-st., within thirty days from the date of this notice.
The duty of the Board of Assessors is to ascertain if contracts are in all cases made in accordance with the original ordinances, and the just and equal apportionment of the assessment.
EMANUEL B. HART, RICHARD TWEED, THOMAS B. ASTEN, RICHARD M. HENRY, } Board of Assessors.
Office Board of Assessors, New-York, July 10, 1869.

CROTON AQUEDUCT DEPARTMENT—TO IRON FOUNDERS.—SEALED PROPOSALS, indorsed "FOR WATER PIPE," also with name of bidder, and date of its offering, will be received at this office, Rotunda Park, until 11 o'clock a. m. on THURSDAY, July 15, 1869, for the supply of Cast Iron Water Pipe, as follows:
15,000 feet, of 12 inches in diameter.
20,000 feet, of six inches in diameter, and
4,000 feet of four inches in diameter; also,
60 Branch Pipes, four-way, 12x12x6x6,
30 Branch Pipes, three-way, 30x30x6,
40 Branch Pipes, three-way, 6x6x4; also,
32 tons Special Castings, and
11 tons Stopcock Boxes and Covers.
Specifications and forms for the bids can be obtained on application at this office. THOMAS STEPHENS, ROBERT L. DARRAGH, GEORGE S. GREENE, } Croton Aqueduct Board.
New-York, July 2, 1869.

CROTON AQUEDUCT DEP