

RECENTLY PATENTED INVENTIONS.

Agricultural Implements.

COMBINED SEEDER, FERTILIZER-DISTRIBUTER, AND CULTIVATOR.—A. CRAVOTTO, Montevideo, Uruguay. The invention relates to agricultural machines and provides a new seeder and fertilizer distributor designed for sowing small seeds, such as clover, lucerne, linseed, wheat and the like, at the same time fertilizing the soil uniformly to insure proper growing and ripening of the plants.

SILO.—A. F. WALLIHAN, Reliance, Va. It is necessary to the attainment of the best result in preservation of fodder that the vertical wall of a silo shall have no acute angles or corners, and therefore a circular form is the ideal one. This form is, however, difficult to construct and also expensive. Mr. Wallihan has devised a silo of polygonal shape which closely approximates the circular. Cement-holding laths are applied thereto in such a manner that the cement does not become cracked or detached by vertical expansion of the silo wall.

GEAR-TRANSMISSION.—J. SUCHY, Littleheart, N. Dak. This gear transmission is designed for use on self-binding harvesting machines. It is composed of but few parts not liable to get easily out of order, and is arranged to permit the operator to conveniently throw the driving gear quickly in and out of mesh with the driven gear, and to securely hold and lock the driven gear in position whenever desired.

Apparatus for Special Purposes.

APPARATUS FOR THAWING FROZEN GROUND.—G. R. CLARKE, Dawson, Canada. The invention relates to mining in northern countries, and its object is to provide certain improvements in apparatus for thawing frozen ground, whereby hot water is readily and cheaply furnished. In the case of hot, hydraulic mining the hot air and vapors in the drift are removed therefrom and utilized in the furnace for heating the water.

ELEVATED-CABLE SYSTEM OF TRANSPORTATION.—T. ALEXANDER, Brookhaven, Miss. The system is employed in transporting logs, dirt, coal and other freight in which a truck runs upon a cable attached to horizontal arms or brackets affixed to posts. The invention provides improved means for supporting and locking the cable, also means for raising the cable to cause propulsion of the freight by gravity and for allowing slack of the cable at any desired point for the purpose of taking up or arresting and releasing the freight when at the end of its transit.

SUPPORT FOR OVERHEAD CARRIERS.—T. ALEXANDER, Brookhaven, Miss. This invention provides improved frame support for the track or wire rope of an overhead carrier. One of the chief difficulties in constructing such carriers is the provision of supports that shall have due strength, rigidity and durability without involving too great a cost. Such a support has been designed by Mr. Alexander.

Hardware.

SPIRIT-LEVEL.—S. E. ROE, New York, N. Y. The invention relates to a means for mounting and carrying spirit-tubes for use on levels and plumb-lines employed by mechanics in various trades. The spirit tubes are secured to the straight edge of a plumb-rule and by means of a cruciform arrangement, vertical, as well as horizontal attachments may be secured.

Miscellaneous Inventions.

TROUSERS CREASER.—H. A. BROWN, Macon, Ga. Dr. Brown is the inventor of a new device for creasing trousers. The device is very simple and light, so that it may be easily carried in a valise and will occupy but little room therein. The construction is such as to permit the creasing of the trousers over night, when it is desired to use them in the day, or they can be creased at other times in a few hours, as may be desired.

SPRING-CLAMP FOR LENSES OR THE LIKE.—E. L. LEMBEKE, New York, N. Y. Every wearer of eyeglasses wishes occasionally that his pince-nez were spectacles. Spectacles stay on however violent one's exercise, however warm the weather. Mr. Lembeke has invented a device for transforming eyeglasses into spectacles. Temple attachments are provided which can be quickly and easily clamped onto the eyeglasses to produce the required spectacles.

PILLOW-SHAM HOLDER.—TILLY BAMBAUER, Volta, Cal. The invention provides means whereby the pillow-sham may be held properly in every respect and yet the holder made readily applicable to any bed without marring or injuring its finish.

DEVICE FOR UNROLLING CLOTH OR OTHER FABRICS.—H. L. ROSENTHAL, New York, N. Y. This device, which is of simple construction, is provided with a revoluble platform and means for controlling the movement of the platform, along with means for receiving and sustaining a roll or bolt of cloth removable from the platform, yet capable of ready interlocking engagement therewith.

NOTE.—Copies of any of these patents will be furnished by Munn & Co. for ten cents each. Please state the name of the patentee, title of the invention, and date of this paper.

Business and Personal Wants.

READ THIS COLUMN CAREFULLY.—You will find inquiries for certain classes of articles numbered in consecutive order. If you manufacture these goods write us at once and we will send you the name and address of the party desiring the information. In every case it is necessary to give the number of the inquiry. MUNN & CO.

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Inquiry No. 2866.—For parties to manufacture small wire articles.

AUTOS.—Duryea Power Co., Reading, Pa.

Inquiry No. 2867.—For manufacturers of die machinery.

"U. S." Metal Polish. Indianapolis. Samples free.

Inquiry No. 2868.—For manufacturers of milk condensers.

WATER WHEELS. Alcott & Co., Mt. Holly, N. J.

Inquiry No. 2869.—For dealers in mailing cases, labels, advertising cards, etc., for a patent medicine.

FOR SALE.—Patent carbonating machine. F. W. Z., Box 773, N. Y.

Inquiry No. 2870.—For dealers in wood screw-brackets for glass insulators for electric purposes.

Handle & Spoke Mch. Ober Mfg. Co., 10 Bell St., Chargin Falls, O.

Inquiry No. 2871.—For blocks of hard cardboard or soft wood 3/4 inch square by 1/2 inch thick.

Sawmill machinery and outfits manufactured by the Lane Mfg. Co., Box 13, Montpelier, Vt.

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We make anything in sheet metal, any shape. Estimates free. Metal Stamping Co., Niagara Falls, N. Y.

Inquiry No. 2873.—For metal door plates, numbers, etc., and machinery for making same.

We design and build special and automatic machinery for all purposes. The Amstutz-Osborn Company, Cleveland, Ohio.

Inquiry No. 2874.—For manufacturers of machines for gathering nails in large quantities.

IDEAS DEVELOPED.—Designing, draughting machine work for inventors and others. Charles E. Hadley, 584 Hudson Street, New York.

Inquiry No. 2875.—For dealers in German silver wire, tube and plate, hard and soft.

Automobiles built to drawings and special work done promptly. The Garvin Machine Co., 149 Varick, cor. Spring Streets, New York.

Inquiry No. 2876.—For an oil burner adaptable for furnace, heating and cooking stoves.

Manufacturers of patent articles, dies, stamping tools, light machinery. Quadriga Manufacturing Company, 18 South Canal Street, Chicago.

Inquiry No. 2877.—For dealers in rubber stamp-making outfits.

The celebrated "Hornsby-Akroyd" Patent Safety Oil Engine is built by the De La Vergne Refrigerating Machine Company. Foot of East 138th Street, New York.

Inquiry No. 2878.—For dealers in metal specialties, novelties and articles of merit.

INVENTIONS DEVELOPED.—Designing and building of labor-saving machinery and general engineering. L. J. Zimmerman, Elect. and Mech. Engineer, 106 Center St., N. Y.

Inquiry No. 2879.—For manufacturers of hydraulic lifting jacks.

An experienced business man desires correspondence with party requiring means for developing, manufacturing or marketing a patented specialty of merit. Address Specialty, Box 773, New York.

Inquiry No. 2880.—For parties to make small wooden blocks of different shapes.

WANTED.—Experienced master mechanic for blast furnaces. Apply immediately, stating in detail experience, references, age, salary expected and earliest date can commence. Address "Blast," Box 773, N. Y.

Inquiry No. 2881.—For manufacturers of sheet aluminium.

WANTED.—A large correspondence school desires the spare time services of an experienced electrician to prepare and write a mail course on electrical engineering. In writing state qualifications, experience and references. J. H. Bowen, Box 233, Scranton, Pa.

Inquiry No. 2882.—For dealers in or makers of aluminium tubing.

Send for new and complete catalogue of Scientific and other books for sale by Munn & Co., 361 Broadway, New York. Free on application.

Inquiry No. 2883.—For manufacturers of lawn mowers in the United States.

Patents developed and manufactured, dies, special tools, metal stamping and screw machine work. Metal Novelty Works Co., 43-47 S. Canal St., Chicago.

Inquiry No. 2884.—For full information from parties familiar with the destructive ravages of the teredo to piling.

Die work, experimental work and novelties manufactured. American Hardware Mfg. Co., Ottawa, Ill.

Inquiry No. 2885.—For manufacturers of black oxide of manganese.

Inquiry No. 2886.—For manufacturers of black and green ground slate.

Inquiry No. 2887.—For makers of machinery for working peat ground.

Inquiry No. 2888.—For dealers in electric ceiling and desk fans.

Inquiry No. 2889.—For machinery for making horseshoe nails.

Inquiry No. 2890.—For dealers in small engine castings.

Inquiry No. 2891.—For makers of rubber balls, such as are used on toy balloons.

Inquiry No. 2892.—For wholesale dealers in bamboo for use in the manufacture of furniture.

Inquiry No. 2893.—For makers of small go-cart wheels 6 inches high and rubber tires.

Inquiry No. 2894.—For dealers in articles for a street fair, such as rubber sandwiches, candy bag-pipes, etc.

Inquiry No. 2895.—For dealers in very thin sheet steel.

Inquiry No. 2896.—For dealers in thin brass called "hand plating material."

Inquiry No. 2897.—For dealers in apparatus and chemicals used in the manufacture of incandescent mantels.

Inquiry No. 2898.—For manufacturers of spring motor ceiling fans.

Inquiry No. 2899.—For makers of small wool carding and spinning machines.

Inquiry No. 2900.—For makers of carpet-cleaning machinery.

INDEX OF INVENTIONS

For which Letters Patent of the United States were Issued for the Week Ending July 8, 1902, AND EACH BEARING THAT DATE.

[See note at end of list about copies of these patents.]

Table listing inventions with patent numbers and names of inventors. Includes items like 'Acid apparatus for making sulfurous, W. Wenzel', 'Advertising device, wind actuated, Cribbins & Alletton', 'Aging or treating spirits, R. C. Scott', etc.

Table listing inventions with patent numbers and names of inventors. Includes items like 'Desk, C. F. Dephlant', 'Disinfecting apparatus, W. H. Francis', 'Display case, E. E. Deiter', etc.

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