

RECENTLY PATENTED INVENTIONS.

Agricultural Implements.

FERTILIZING-VINE CUTTER.—J. M. BARNES, Fresno, Cal. Mr. Barnes' invention is an improvement in vine cutters for use in cutting up the vines in a vineyard after pruning, so that such vines can be used for fertilizing purposes. In operation the prunings are thrown in a windrow between the growing vines, and the machine is driven over the prunings, cutting them up into short pieces which are thrown back upon the ground to serve as fertilizer.

STALK-CUTTER.—J. T. KIZER, Senatobia, Miss. Improved means are provided in this invention for cutting corn and cotton stalks, pea vines, and sorghum, and any other grass or vines in drills. In its general nature the invention comprehends a novel construction of runner-frame and laterally-adjustable cutters, especially adapted for cutting the stalks planted in drills and to pile the cut or severed portions into every other middle row or trench.

Miscellaneous.

PHOTOGRAPHIC TIMER.—E. HAROLD, Leetonia, Ohio. A device for furnishing readily from certain known conditions, an exact statement of the proper duration of photographic exposures is provided in the present invention. It consists of a chart on which are marked certain graduations which are applicable to any condition of the weather, at any time of the year, and for any of the prominent makes of plates.

CAN.—L. C. SHARP, Omaha, Neb. This can is struck or drawn up of two sections of sheet metal, the sections being of approximately equal depth and joined together at the middle of the can. The joint or seam comprises a tearing strip which when torn away permits the separation of the can in two sections.

OIL BURNER.—G. F. ROBERTSON, Beaumont, Texas. The oil-burner is particularly designed for burning crude oil, especially such as is found in the Texas oil fields. The burner is provided with a basin, having inner and outer front plates inclined reversely to each other and forming an upwardly tapering front. The oil is supplied to the surface of the inner inclined plate, while steam is discharged from the nozzle or discharge pipe upon the outer inclined plate in such manner as to efficiently operate upon the flame and give forced draft directly into the basin and in the direction of the boiler.

BOTTLE-CLOSURE.—G. J. ADAMS, Brooklyn, N. Y. This invention relates to improvements in closures for bottles and similar packing devices for containing tooth powder or other toilet preparations. The closure comprises two cap members with openings designed to register upon turning one cap relatively to the other. The tops of the caps are resilient, so as to maintain a close connection when the movable cap is turned, thus preventing an accumulation of powder between the top plates of the cap.

BILL-COLLECTING BOOK OR FILE.—G. J. SCHWARTZ, Natchez, Miss. An inexpensive contrivance is provided by this invention which is adapted to fold so completely that it may be neatly carried in the pocket. This device contains a number of pockets in which bill or other memoranda may be filed alphabetically.

FOUNTAIN-SPITTOON.—J. C. BLAIR, Louisville, Ky. Dr. Blair's invention is an improvement in that class of fountain spittoons in which water is discharged from a device adapted to rotate within the bowl. The improvement relates to the construction of the rotatable attachment proper and its anti-friction bearings, also to the construction and arrangement of parts whereby the water descending the side of the bowl is thrown up at the center so as to wash the hub of the rotatable attachment.

CORN-POPPER.—J. R. WINTERS, Clinton, Mo. A special construction of lid is employed in this corn-popper through which small unpopped grains may be discharged after the popping operation has been completed to separate the popped from the unpopped corn.

CAN.—C. A. DOOLITTLE, Omaha, Neb. The purpose of the present invention is to provide a jacketed can which may be constructed with extreme cheapness, and yet will serve to securely hold the liquid contents and present a neat and attractive appearance.

INTERLOCKING BOARD.—M. W. WOLFE, New Lexington, Ohio. The invention relates to carpentry and provides improvements in interlocking boards, such as are used for car roofs, floors, ceilings, sidings, decks of vessels and the like, whereby leakage is prevented and shrinkage is reduced to a minimum.

STIFFENING STRIPS FOR GARMENT-WAISTS, CORSETS, ETC.—A. M. WEBER, New York, N. Y. The invention relates to a new article of manufacture, which may be employed as stiffening strips or binding strips wherever stiffness may be desired. It consists of a flat strip cut from a rattan switch or reed, which is re-enforced by means of stiff wires suitably held against the reed and covered by a woven fabric.

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.

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We manufacture anything in metal. Patented articles, metal stamping, dies, screw mach. work, etc. Metal Novelty Works, 43 Canal Street, Chicago. Inquiry No. 3615.—For manufacturers of knitting machinery.

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. 3616.—For magnetic chucks for milling machines.

Inventors wishing to sell their patents or to have them manufactured on royalty will find it to their interest to correspond with me. J. C. Christen, Main and Dock Sts., St. Louis, Mo. Inquiry No. 3617.—For makers of electric clock alarm bells for colleges and schools.

Gasoline Automobile Batteries. William Roche's "Autogas" used properly will carry vehicle twice as far as any other battery of same weight. William Roche, inventor and manufacturer, 42 Vesey Street, New York, N. Y., U. S. A. Inquiry No. 3618.—For makers of articles of hard compressed paper pulp.

The Columbia hay knife beats any knife on the market. Cuts 8 in. wide and 2 ft. deep at one stroke. Invented and patented by C. Blaser, Berwick, Kan. Inquiry No. 3619.—For compressed air apparatus for cleaning carpets and rugs.

Inquiry No. 3620.—For a stationary wire fence machine. Inquiry No. 3621.—For manufacturers of portable cottages.

INDEX OF INVENTIONS

For which Letters Patent of the United States were Issued for the Week Ending December 23, 1902, AND EACH BEARING THAT DATE.

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

Table listing inventions with names and numbers: Acetylene generator safety lock, W. C. Heman 716,419; Acid and making same, metallic salts of methylene disalicylic, S. L. Summers 716,593; Advertising bottle or flask, J. L. Vegeler 716,793; Aerating agitator, B. D. Hooper 716,840; Air cushion, W. H. Phillips 716,752; Air temperature regulating and purifying device, L. E. Clawson 716,380; Alkali salts of methylene disalicylic acid and making same, S. L. Summers 716,591; Alkaline earth salts of methylene disalicylic acid and making same, S. L. Summers 716,592; Amusement apparatus, E. F. Porter 716,759; Animals, treating, A. Nimmo 716,574; Annealing apparatus, Bates & Peard 716,618; Ash ejector, L. Hochstein 716,418; Auditing collectors' receipts, G. E. Manwaring 716,453; Auger, tubular, H. E. Klingensmith 716,557; Axle dust guard, carriage, H. D. Ellis 716,527; Bait, artificial, E. P. Mantz 716,451; Baling press, J. H. Wesson 716,502; Baling press baling chamber, W. T. Hulcher 716,422; Barber's implement, C. E. Brouillette 716,623; Barber's shears, J. R. Martin 716,454; Basket, J. H. Killian 716,639; Basket making machine, W. C. Schaefer 716,582

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Table listing various mechanical items and their prices: Baskets, combined handle and presser feet for, F. W. Gasper 716,632; Bat, J. A. Hillerich 716,541; Battery compound, electric, G. Bastedo 716,656; Battery installation, S. Lake 716,844; Battery plates, preparing storage, Browne & Balch 716,663; Bearing, axle spindle, C. Tolles 716,496; Bed and lounge, combined folding, M. M. Nerwalk 716,746; Bell, Pickop & Corbin 716,471; Bender, electric, F. W. Wood 716,801; Beard temporary, F. W. Barrett 716,363; Beard setting instrument, S. Nichols, Sr. 716,465; Bailer, E. G. Ofeldt 716,467; Bailer indicator, steam, E. G. Moore 716,568; Book and binder therefor, detachable sheet, G. C. Shepherd 716,647; Boring tool, G. W. Latham 716,441; Bottle cap making machine, Adriance & Calleson 716,611; Bottle for putting up tooth, toilet, or other powders, T. D. Richardson 716,759; Bottle holder, nursing, W. J. Smith 716,588; Bottle making machine, A. S. Reeves 716,478; Bottle, non-refillable, J. A. 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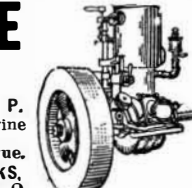
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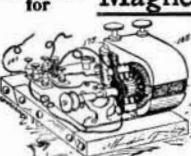
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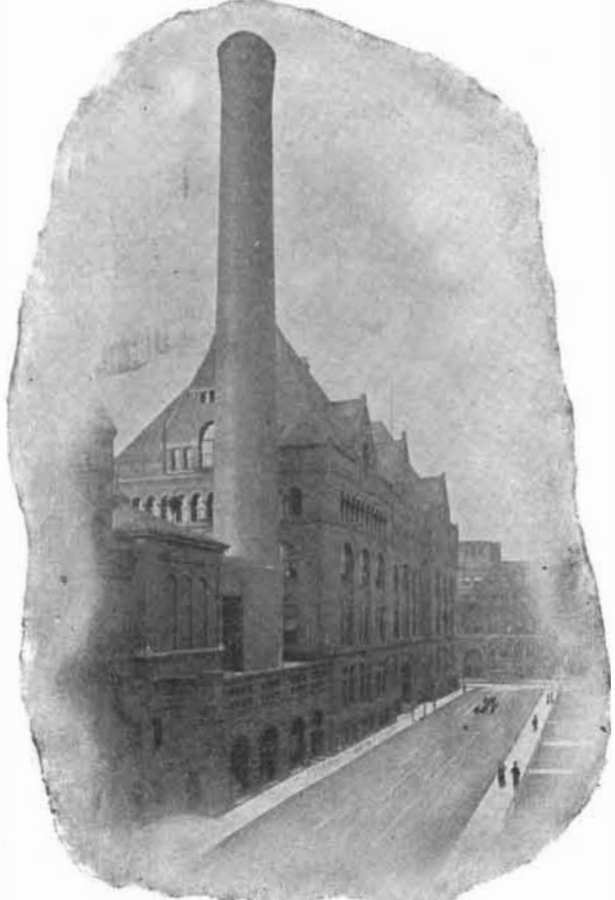
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Diamonds, D. C. Townsend	39,508
Fire extinguishers, chemical, J. B. Miller	39,554
Food for infants and invalids, Mellin's food Company of North America	39,529
Fuel preparations, certain named, G. E. R. Rothenbuecher	39,539
Hair preparations, F. Parker	39,517
Horseshoes and horseshoe pads and blanks, Safety Horse Shoe Co.	39,551
Incandescent mantles, Peerless Gas Light Co.	39,542
Liqueurs, Nuyens & Co.	39,527
Magazines, A. Walker	39,511
Medicinal and chemical preparations for prevention and cure of diseases, H. K. Wampole & Co.	39,521
Medicine for diseases of the nervous system, Smith, Kline & French Co.	39,522
Metal, babbitt, Ajax Metal Co.	39,544
Metal compounds for certain named purposes, Allgemeine Thermo-Gesellschaft M. B. H.	39,543
Metalware, enameled, New England Enameling Co.	39,547
Mouth, nose, and throat wash, C. E. Leigh	39,518
Neckties, H. C. Cohn & Co.	39,513
Oil, lubricating, Galena Oil Company	39,536
Oil, lubricating, Galena-Signal Oil Co.	39,537
Pickles, Kuehn-Pickie Company	39,532
Pipes, concomb, Hirsch & Bendheim	39,538
Printed matter and publications, certain named, Ralston Publishing Co.	39,510
Pump curbs and conveyers, Cincinnati Pump Co.	39,553
Remedies for certain named diseases, J. A. Menger	39,519
Remedies for diseases of the stomach, E. R. Bathrick	39,520
Sheet metal, planished, American Sheet Steel Co.	39,552
Shoe polishing preparations, P. P. Lagomarsino & Co.	39,534
Silk, Home Circle Silk Co.	39,514
Sugar, syrup, and molasses, C. W. Geyer & Co.	39,531
Swings and baby jumpers, O. C. A. Manufacturing Co.	39,548
Tablets, fruit laxative, E. C. Houlette	39,524
Tennis, parlor, Ransom & Meade	39,512
Tires, rubber, W. T. Beasley	39,550
Tonic, blood, Maltine Company	39,525
Tooth filling, J. A. Sprague	39,509
Washing machines, B. J. Schmidt	39,555
Water, electrically purified, electro-Pura Water Co.	39,528

**LABELS.**

"Aunt Kate's Pancake Syrup," for syrup, Tressedell Syrup Co.	9,630
"Cecil," for whiskey, Wineke-Bauernschmidt Co.	9,632
"Crozler's Arabian Liniment for Man and Beast," for a liniment, W. Crozier	9,626
"Electric Typewriter Carbon Paper," for carbon paper, Blickensderfer Manfg. Co.	9,622
"Klenzine," for a carpet cleanser, Sanitary Chemical Co.	9,624
"Olive Branch," for flour, Akin-Erskine Milling Co.	9,629
"Sani-Tari Skin Soap," for toilet soap, Citizens Wholesale Supply Co.	9,625
"Southern Belle," for flour, Akin-Erskine Milling Co.	9,628
"The Crystal-Rock-Mineral-Spring-Water," for mineral spring water, A. Meyer	9,631
"Universal Waterproof Cement," for cement, Ohio Rubber Co.	9,623
"Vegetable Catarrh Cure," for a medicine, E. B. Platt	9,627

**PRINTS.**

"Cecil," for whiskey, Wineke-Bauernschmidt Co.	596
"Ladies Apparel," for ladies' apparel, Meyer, Both & Co.	595
"Queen of All," for beer, A. von Cetzhausen	597

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 10 cents, provided the name and number of the patent desired and the date be given. Address Munn & Co., 361 Broadway, New York.

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