

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.

Marine Iron Works. Chicago. Catalogue free. Inquiry No. 8371.—Wanted, the address of the manufacturers of the Munson typewriter.

For hoisting engines. J. S. Mundy, Newark, N. J. Inquiry No. 8372.—Wanted, tubing butt seam or lap seam, 3/4 inch outside diameter, No. 24 gauge B & S, steel or galvanized iron; wanted in 2-inch lengths.

J. C. Sparks, B.C.S., F.C.S., Anal. Chemist. See adv't Inquiry No. 8373.—For manufacturers of sheet celluloid, folded or pressed into tubes or U section.

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

Inquiry No. 8374.—Wanted, manufacturers of flock machinery.

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

Inquiry No. 8375.—Wanted, a manufacturer of machinery for making confetti.

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

Inquiry No. 8376.—Wanted, manufacturers of machinery for making clock movements; also of those who do metal stamping of clock movement parts.

I sell patents. To buy, or having one to sell, write Chas. A. Scott, 719 Mutual Life Building, Buffalo, N. Y.

Inquiry No. 8377.—Wanted, manufacturers of machinery for making the stamped metal parts of electric snap switches, also those who do stamping of such parts.

Metal Novelty Works Co., manufacturers of all kinds of light Metal Goods. Dies and Metal Stampings our Specialty. 43-47 S. Canal Street, Chicago.

Inquiry No. 8378.—Wanted, manufacturers of spring motors, similar to clock movements but heavier.

The celebrated "Hornsby-Akroyd" safety oil engine. Koerting gas engine and producer. Ice machines. Built by De La Vergne Mch. Co., Ft. E. 138th St., N. Y. C.

Inquiry No. 8379.—Wanted, manufacturers of patent medicines; medicine droppers.

Manufacturers of patent articles, dies, metal stamping, screw machine work, hardware specialties, machine work and special size washers. Quadriga Manufacturing Company, 18 South Canal St., Chicago.

Inquiry No. 8380.—For makers of all kinds of cloth.

Inquiry No. 8381.—For makers of phonographs, gramophones and electric novelties.

Inquiry No. 8382.—For makers of shoes, hats, etc.

Inquiry No. 8383.—For makers of cycles, guns, English-made furniture and crockery.

Inquiry No. 8384.—Wanted, automatic distributors for 30 gr. lozenges.

RECENTLY PATENTED INVENTIONS.

Pertaining to Apparel.

COMBINED TROUSERS-STRETCHER AND COAT-HANGER.—S. B. BEDINGER, Terrell, Texas. In this case the object is to provide a stretcher formed of resilient wire rods, and a coat-hanger of similar material, these co-operative devices being so combined that the hanger adds to the efficiency of the stretcher when both are employed together, a further object being to so construct the stretcher and hanger that they may be used separately and be equally effective if this is desired.

TAILOR'S MEASURING DEVICE.—A. M. ROLAND, Honolulu, Hawaii. This device is especially adapted for taking measurements for coats and vests. The purpose is to provide a straight-edge adapted to be passed horizontally beneath the arm, carrying a sliding shoulder-conformer and an adjustable scale-arm for the breast, together with a tape-measure pivotally attached to the conformer in such manner that measurements may be taken by the tape measure in any direction from one point.

APPLIANCE FOR INSERTING BEADING IN BOOT AND SHOE WARE AND OTHER GOODS.—ELLEN TOWNSEND, 197 Princes Street, Port Melbourne, Victoria, Australia. By this invention manual labor is saved in the process of inserting beading, commonly called "patent" beading, by sewing or stitching into boot and shoe ware and other goods. According to the improvement the whole of the hand process of fitting and sticking, hammering, and adjusting is rendered unnecessary and the services of the fitter operative are altogether dispensed with and the cost saved.

Electrical Devices.

MEANS FOR TRANSMITTING ELECTRICAL IMPULSES.—F. L. ORR, Thurman, Iowa. Means are provided by this inventor whereby a slight electrical shock is transmitted throughout the entire line of wire fence and through the cattle if in contact with the fence to the ground, the device being so arranged and regulated as to deliver these electrical impulses at short intervals, a speed governing device being provided to secure practical uniformity in the intervals and to prevent the batteries from running down too rapidly.

DISTANT-ACTING ELECTRICAL GAS-IGNITER.—G. LENTSCHEIT, Hohen-Schönhausen, near Berlin, Germany. According to this invention a ring is rotated indirectly by means of a gear, although the ring can be directly rotated. The advantages attained are to employ a proportionally low electromagnetic force to rotate the ring, to regulate ad libitum the gas-passages, and to switch a number of gas-flames on one circuit without altering the

gas-igniter, so that several flames can be simultaneously ignited and the same be extinguished in series.

Of Interest to Farmers.

ATTACHMENT FOR HAY-PRESSES.—S. H. CHRISTOPHER, Buena Vista, Ga. One purpose of the improvement is to provide a power-head for hay-presses which will be capable of attachment to any press, especially a hay-press, where horse-power is employed and wherein the power-head is light of draft and imparts a long stroke to the plunger-bag and has continuous and direct action on the bar during the pressing stroke of the latter.

COTTON-CHOPPER.—R. A. SLIGH, Slighs, S. C. In this instance the invention relates to cotton-choppers of that type in which a longitudinally-arranged shaft is rotated through bevel-gears by running wheels and said shaft is provided with revolving hoes or cutting-blades that chop transversely across the row of cotton-plants to properly thin them.

Of General Interest.

CURRENT-MOTOR.—C. A. NEYLAND and H. G. NAGEL, Lewiston, Idaho. The invention refers to that class of devices known as "current-motors," and has for its object the utilization of the maximum amount of force that the current in any stream is capable of imparting. The invention is especially adapted for pumping water for irrigation, but may also be used for other purposes.

FENCE OR DIKE.—J. W. HUMPHREY, Woodlawn, Ore. Although applicable to all the purposes of a fence for inclosing land, as farms, lawns, and the like, the invention is equally adapted as a dike or levee for preventing the encroachment of water, mud, silt, and the like upon low-lying lands. It is portable and readily taken apart and put together and quickly erected and repaired from time to time.

CARPENTER'S FRAMING-SQUARE.—L. M. HODGE, San Jose, Cal. The improvement pertains to carpenter's tools, and especially to the type of tool used by such artisans for laying out bevel-cuts for a saw. The object is to produce a tool of this class, especially useful in the construction and framing of roofs. The special object is to provide a square of such construction that all of the bevels may be laid off from the square after one setting operation.

GARDEN-PLOW.—W. E. HAWKINS, McGaheysville, Va. In this instance the invention is an improvement in garden implements, being especially designed for use in plowing and cultivating small plots of ground such as are commonly used for household gardens. The implement may be pushed by the operator, or a small boy can pull on the front end of the beam by means of a rope.

DEVICE FOR FIRING BLAST CHARGES.—J. DOWD, Chicopee, Kan. This simple and economic device is especially adapted for firing blast charges, but can be used in connection with any form of powder-cartridge. The device is adapted to be imbedded in the powder contained in the cartridge and which after a certain interval of time automatically ignites the powder.

MELTING APPARATUS.—G. CRUISE, New York, N. Y. In the present patent the invention has reference to apparatus for melting such substances as snow and ice, it being particularly adapted for use in disposing of the accumulations in streets. Its principal objects are to provide an effective and convenient apparatus of this character. Fire is started in the heating-chamber, and either solid or liquid fuel may be used, as is convenient.

HAIR-WAVING DEVICE.—A. SCHARER, New York, N. Y. The aim of the invention is to provide features of construction for a hair-waving instrument which will produce the Marcel wave in reversed order when two of said instruments are used successively, the mainly similar tools being extremely simple, well adapted for self-application to the hair, enabling the quick and reliable production of the peculiar coiffure, and that will avoid injury to the hair or person.

Household Utilities.

COMBINED DOUGH-KNEADING BOARD AND BARREL-COVER.—W. S. LITTLE, Scott, Ark. In the present patent Mr. Little has devised an improved attachment for flour and other barrels which is adapted to serve as a dough-kneading, bread, or pastry board and also as a cover for a barrel to keep out dust and dirt and prevent access of vermin thereto.

Machines and Mechanical Devices.

WIRE-STRETCHER.—S. H. THOMPSON, Fort Myers, Fla. The invention relates to improvements particularly in reels and stretching mechanism for wire-fence construction in unwinding the wire in the building of a fence or reeling up the wire in taking down an old fence, the object being to provide a fence-machine so arranged that it may be quickly mounted on a wagon and as readily detached when not required for use.

PRESSWORK-RECORDER.—W. F. PALMER and J. WINNACOTT, New York, N. Y. The invention has reference to a device for recording the work of a printing-press and machines of a similar character. The principal objects of

the improvement are to provide means for showing the theoretical number of papers produced and in connection therewith means for indicating when a web breaks.

APPARATUS FOR CLEANING ERASERS.—R. W. SHANNON and A. G. MILLIGAN, New Lexington, Ohio. In the present patent the improvement made by Messrs. Shannon and Milligan has reference to cleaning apparatus, and particularly to that adapted for cleaning erasers—as, for example, erasers used in connection with blackboards in schools. Its principal objects are to provide means for removing the dust from such articles and rendering them sterile.

DREDGING-MACHINE.—C. V. FOREMAN, Thurmont, Md. In this machine the dredging buckets are carried by a slide having movement on its carrying beam to adjust it both vertically and longitudinally of the beam for raising and lowering the buckets. The chains on which the buckets are mounted extend from the bottom of the slide up over sprocket wheels mounted on the end of the beam and after dumping into a tilting chute the chain of buckets is suitably guided beneath the chute back to the adjustable slide.

Prime Movers and Their Accessories.

VALVE.—S. A. FLOUGH, Traverse City, Mich. In this case the object is to provide a valve arranged to shut off the flow of fluid through the valve by the use of an emergency-valve whenever the main plug breaks or becomes out of order and to allow of conveniently removing the broken main plug for repairs or for replacing it by a new one and to permit resetting of the emergency-valve after the repairs are made to allow the use of the valve for its legitimate purpose.

Railways and Their Accessories.

UNLOADING APPARATUS.—J. E. KNIGHT, Blue Canyon, Wash. In this case the invention relates particularly to an apparatus for unloading logs from flat-cars, although it is useful in various other connections. The object of the improvement is to provide a convenient and inexpensive means for unloading logs, utilizing therefor the power of the locomotive of the train on which said logs may be loaded.

RACK CONSTRUCTION FOR REFRIGERATOR-CARS.—J. C. COLEMAN and E. W. KESSEL, El Paso, Texas. This invention is a rack construction particularly adapted for refrigerator-cars for the transportation of fruits or other produce in bulk, and so arranged and constructed that the racks can be run up next to the roof, out of the way, permitting the car to be used for produce or other freight not requiring the use of racks.

EXTENSION CAR-STEP.—B. WATSON, Eden, N. Y. One purpose of the invention is to provide an extension attachment for the fixed steps of car-platforms, which attachment is capable of ready and economic application to the fixed steps of any car or like vehicle. The extension-step can be quickly brought to its lower position as an extension from the main steps by a single movement of the trainman's foot on the platform and whereby the extension-step will be automatically carried to its upper or storage position as soon as unlocked from its lower position.

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.

INDEX OF INVENTIONS

For which Letters Patent of the United States were Issued for the Week Ending September 18, 1906.

AND EACH BEARING THAT DATE

(See note at end of list about copies of these patents.)

Table listing inventions and their patent numbers, including items like Advertising device, Aerial ferry, Aeroplane, Air apparatus for the production of carbureted air, Air brake attachment, Air brake system, Air humidifying and cleansing apparatus, Alloy for bearings, Alternator, Amusement device, Animal trap, Axle, rotary, Baling press, Ballot box, Bank, juvenile savings, Barrel carrier, Barrel forming machine, Bed bottom support, Bed, folding, Beds, head and back rest for, Bedstead attachment, Belt fastener, Billiard and pool table pocket, Bit attachment, Blanket, Boiler blow-out or cleaner, Boilers, apparatus for washing and refilling locomotive, Boilers, recharging, Bolt, See Threadless bolt, Bolt, C. J. Caley, Bolt retainer, Bolting cloths, cleaning device for, Book support, Bottle, L. Anderson, Bottle, B. Ormerod

Table listing inventions and their patent numbers, including items like Bottle holder, Bottle, non-refillable, Bottle stopper, Bottle stopper, G. Kirkegaard, Bottle stopper, W. H. Bowe, Bottle support, J. W. Barnard, Bottle washer, H. W. Bowman, Bowling alley, parlor, W. E. Falvey, Box, C. B. Baldwin, Bake apparatus, load, J. S. Custer, Brake lever, J. Mullins, Bread crumbler, F. M. Lupton, Brick dumping machine, D. Hyde, Brick machine, O. Nolan, Bricklaying, combination for tooth, S. Roberts, Bush, F. Graul, Brushes, etc., attachment for tooth, J. L. Ubellar, Bucket, grab, J. A. McGrew, Buckle, or fastening device, R. H. Austin, Buckle or fastening device, S. A. Latimer, Button, T. J. Winans, Buttons, making, W. S. Watson, Cabinet, machine bearing, Kundtz & Gedon, Cable, multiconductor, W. C. Yeatman, Cable terminals and the like, post and box for, B. F. Daly, Calculating machine, G. L. Martin, Calculating machine, W. R. Gaither, Calyx, artificial, W. Maxfield, Camera, J. Goddard, Cameras, lens focusing mechanism for, F. A. Brownell, Can capping machine, Bergland & Teigen, Can opener, H. D. Sharp, Candy pulling machine, H. M. Dickinson, Cane shaver, P. C. Comeau, Car, E. N. Trump, Car bolster side bearing, A. H. Fetters, Car coupling, G. A. Hermanson, Car coupling, A. Stucki, Car coupling, H. V. Rogers, Car draft rigging attachment, A. Campbell, Car dump, S. Otis, reissue, Car fender, W. A. Moffat, Car handle shield, W. H. Pontius, Car hauls, trip feeder for, L. J. Robb, Car seat, H. W. K. Hale, Car side bearing, railway, A. Stucki, Car step, Davis & Hicks, Car wall brace, J. H. Weisbrod, Car wheel, E. L. Troup, Cars, check lock for mine, S. Rudolph, Cart, dumping, J. Gulry, Cartridge, Young & Sheriff, Caster, T. Alexander, Celluloid like substances, producing, O. B. Thieme, Celluloid, manufacture of, A. Behal, Cement block machine, O. Johnson, Cement for plugging teeth and manufacturing the same, J. Rawitzer, Chair, See Swinging chair, Chicle, gum, or other adhesives, purifying, Davis & Canning, Cigar lighter, electric, J. C. Tournier, Cigarette machine, A. L. Boucher, Cipher code or system, D. C. Gurnee, Clamp, G. A. Taft, Clasp, F. Teute, Clock, intermittent alarm, J. W. Morway, Clock mechanism for time recorders, W. L. Bundy, Clothes holder, Morris & Baker, Clothes washing or clearing machine, W. C. Barnard, Clutch, friction, J. W. Challoner, Clutch, friction, A. Herisson, Clutch mechanism, M. Hendrickson, Cock, F. Hennebole, Coffee pots, etc., attachment for, W. S. Day, Coffee urn, F. Theil, Coin wapper, R. Spurgin, Coking apparatus, W. Kennedy, Colander for vegetables, etc., Ritschard & Sell, Colter attachment for potato diggers, A. L. Hoovard, Combustion apparatus, W. H. Ricker, Compress, A. B. Little, Controlling switch, H. P. Ball, Conveyer, C. H. Anderson, Conveyers, loose hopper for swinging, S. B. Hart, Coop. M. C. Frts, Copy holder, F. C. Shobert, Corn hanging rack, seed, J. Strange, Cotton scraper and cultivator, E. W. Deveney, Coupling, W. H. Robinson, Cultivator, D. A. Hellums, Current motor, alternating, M. C. A. Latour, Curtain fixture, J. M. Shepard, Curtain shade fixture, H. H. Stratton, Cutting plates, pipes, etc., F. Gottrand, Dental disk holder, J. A. Thomas, Dental tool, C. A. Spahn, Detinning process, Goldschmidt & Weber, Dish washer and sterilizer, combination, P. R. Lisa, Display fixture, H. Heimann, Display stand for collars, ties, stocks, etc., E. C. Cromton, Ditching machine, O. C. Pierce, Door check, M. J. Flynn, Door check, A. A. Franck, Door closer, double acting spring, C. H. Ocumpaugh, Door closing device, H. A. Morse, Door hanger, S. A. Baker, Door lock, J. H. Simmons, Door securer, J. Nash, Door stop, H. P. Pruin, Doors, control of bulkhead, L. A. Hawkins, Draft apparatus, H. Johns, Draft equalizer, L. E. Bowman, Draft equalizer, J. W. Helton, Drafting and measuring apparatus, angle, W. J. Varley, Drilling and boring machine, J. Murphy, Drip pan, B. McCaughey, Dross pan and furnace, Wagner & Nelson, Duplicating apparatus, Klaber & Cox, Ear drum, G. P. Way, Educational appliance, S. G. Greenwood, Electric apparatus, vapor, H. I. Wood, Electric controller, C. E. Shedrick, Electric cut out, F. B. Hinkson, Electric fixture, J. H. Dale, Electric trolley, W. G. G. Schneider, Electrode plate, storage battery, T. A. Edison, Electrolytic diaphragm, I. L. Roberts, Elevator, W. G. Eisenmayer, Elevator cage, G. F. Steedman, Embroidering machine, multiple, C. Farmer, Engine regulating and security device, reversible, E. Koch, Engines, electric sparking mechanism for explosive, H. A. Frantz, Eraser and brush, combined, J. H. Uzmann, Jr., Explosive engine, H. Dock, Explosive engine, P. A. Jahn, Eyeglasses, S. Stevens, Fabric cleaning machine, A. Olson, Fan protective device, ventilating, R. A. Ily, Faucet, Fitzgibbon & Travis, Fence post, G. H. Stout, Fence stretcher, wire, W. H. Clendenon, Fence wire stretcher and roller, H. Ohmes, Fender, See Car fender, Ferrophosphorus, manufacture of, J. J. Gray, Jr., Fiber cleaning machine, textile, C. M. Behnisch, File, collapsible vertical transfer, C. M. Carnahan, Filter, centrifugal, E. W. Durfee, Finger ring, J. A. Liebe, Jr., Fire escape, J. N. Noyer, Fireplace, W. A. Posey, Fish hook, J. E. Buckingham, Jr., Fishing tackle, B. Fraser, Flask, D. J. Jamouneau, Fluid feeding apparatus, J. C. W. Greth