

RECENTLY PATENTED INVENTIONS. Of Interest to Farmers.

BARN-DOOR.—S. SCHOOLEY, Tyro, Kan. The door is of the slid ig type and is divided horizontally in halves, or sections, one of which is suspended from the other and adapted to slide upon a rod or rail forming an attachment of the upper one.

GRAVITY LITTER-CARRIER.—E. JORDALEX, Pleasant Springs, Wis. The invention relates to loading and unloading devices, and its object is the provision of a new and improved carrier, more especially designed for conveniently carrying litter or other material from a barn or other building to a distant wagon or cart for carrying the material away.

SELF-FEEDER FOR CORN-HUSKERS.—O. C. MOORE, Morrow, Ohio. One purpose of the invention is to improve upon the device for which Letters Patent were formerly granted to Mr. Moore; to such an extent as to provide a construction wherein a band cutter is associated with a bundle-carrier, said cutter being so constructed as to cut the wrappings of bundles and also loose material fed on the carrier, but which cutter will separate the material; and to provide a form of spreader, used in connection with the lower feed which receives material from the carrier, which spreader serves to distribute and thin out material from the center toward the sides of the lower feed-carrier.

Of General Interest.

FOLDING RACK.—J. J. RONAN and J. F. HARRY, Jersey City, N. J. In this case the invention has for one of its objects the provision of means capable of general use, but especially adapted to be attached to the back of a theater chair, to be extended therefrom to form a shelf for supporting a woman's hat or other object, and to be folded up and out of the way when not in use.

SADDLE-TREE-HORN.—L. L. NELSON, Paducah, and E. L. REEDER, Little Cypress, Ky. This horn comprises a body portion, and outwardly and downwardly projecting side plates extending from the body portion and having the latter provided at its lower end with a depending tongue and sloping upwardly on opposite sides of the tongue and then returned, forming inner faces of the plates and having front and rear of the tongue downwardly facing shoulders arranged above the tongue and on lines in front and rear of the plates.

WATCH-PROTECTOR.—J. FIERZ, Jersey City, N. J. The purpose of the inventor is to provide novel details of construction for an attachment to be placed and secured in the interior of a vest pocket, and that is adapted for quick and reliable adjustment, whereby the pendant of a watch may be detachably connected with said attachment and held in the pocket until designedly released by the owner.

HOLDER FOR PASTE.—O. DREHER, Stroudsburg, Pa. This invention relates to improvement in holders for paste, mucilage, and the like, and more particularly to means whereby the paste and brush may be supported in the same receptacle and the brush kept moist at all times. Means provide for holding the brush in the same receptacle which contains the paste and whereby it may be automatically moistened as it is withdrawn from use.

CARTRIDGE.—C. N. DILATASH, Hagerman, Idaho. The object of the invention is to provide a cartridge arranged to increase the penetrating power and carrying capacity of the cartridge. By using a loose filling material between the wads the slightest crevices on the side of the shell or casing are completely filled and hence a tight joint is produced.

COMPOSITE STRUCTURE.—A. DE MAN, New York, N. Y. The aim of the inventor is to provide a structure in which the reinforcing members are held against movement in the cementitious body, to insure a total transmission of the stresses from the metal members to the surrounding concrete, it being understood that in order to obtain a perfect even transmission the anchoring device should be continuous and uniform in amount or effect throughout the entire length of the reinforcing member.

GRAIN-DISTRIBUTER.—N. L. HECKMAN, Springfield, Ohio. Grain is moved outward, descending through the cup by the portion of the movable wall of the sleeve, which is of gradually increasing diameter, so that, when descending grain reaches a point where the inclined wall begins to closely approach the end of the fluted roll it has passed outward beyond the end of the roll, which end is covered by the sleeve so that grain cannot be pocketed or squeezed between the wall and the end of the fluted roll, and preventing the uncontrolled escape of any grain.

Heating and Lighting.

GAS-BURNER.—G. S. ANDREWS, Butler, Pa. The improvements are in incandescent gas burners, the invention relating more particularly to construction and means for supporting the various parts going to make up the burners. The object is to so construct and connect the various parts that any of them

may be removed for the purpose of cleaning or to permit the insertion of new parts without interfering with or removing adjacent or coating parts.

FURNACE ATTACHMENT.—J. R. MOLER and R. G. MOSER, Denver, Col. The invention pertains to improvements in furnaces, and the object is the prevention of smoke when the furnace is charged with fuel by admitting air and steam into the fire box. By attaching the mechanism to the boiler front instead of to the door it is not subject to jar and strain when the door is opened and closed.

Household Utilities.

STAND.—H. C. CHAMBERLIN, Olyphant, Pa. In this patent the invention relates to stands, such, for instance, as are used for supporting boilers and analogous members in connection with heating stoves and furnaces. It relates more particularly to a type of stand used in households for supporting a vertical boiler of the type commonly used in connection with the ordinary range or cooking stove.

CLOTHES-DRIER.—E. A. THORNTON, Omaha, Neb. This drier is of a style capable of suspension from a stable support. It is easily assembled into usable form and raised or lowered at will. The parts are adapted for quick detachment from each other so as to permit them to be placed in contact and wrapped together, forming a compact bundle for storage out of the way, when the drier is to be removed from its support.

CARPET-BEATER.—C. S. PHOENIX, Oberlin, Ohio. In this instance the intention is to provide a new and improved carpet or rug beater, arranged to afford the desired flexibility, to stand rough usage for a long time without danger of breaking, and to prevent injury to the threads of the carpet or rug on which the beater is used.

WINDOW-WASHING DEVICE.—W. G. HINROD, Washington, D. C. The design in this invention is to provide a simple and practical device for washing the exterior of windows without exposing the workman to danger, or even the discomfort of the outside air, the device being worked from the inside of the window and without opening the window except for a small space at the bottom.

BEDSTEAD.—ELIHUE BLACKNELL, Ferris, Texas. In this case the object of the invention is to provide a new and improved bedstead which is simple and durable in construction, capable of being easily and noiselessly moved about, and conveniently passed in or out of a narrow door of a room whenever it is desired to do so.

Machines and Mechanical Devices.

REGISTER.—LOUISE A. SALTER, Niles, Cal. The object is to provide a register or counter, more especially designed for registering the strokes or revolutions of engines, pumps, and other machines and devices, and if attached to a pump, to indicate the amount of liquid pumped in a given time, the register being arranged to permit of conveniently stopping or starting it at any time without stopping the machine on which it is applied, and to allow of setting it quickly back to zero.

DENTAL PLUGGER.—G. H. SHANNON, Cambridge, N. Y. The plugger has an exterior surface free from projections, and in which all of the operative mechanism is so far removed from the mallet section and is in such angular relation thereto as to be well without the mouth of the patient being operated upon, thus rendering it possible with this instrument to reach cavities in teeth which by reason of the limited space in the mouth and close approximation of the jaws have been heretofore more or less inaccessible.

MAGAZINE-PHONOGRAPH.—A. A. PRATT, New York, N. Y. The object of the inventor is to provide a phonograph arranged to carry a large number of record rolls, to enable the user to select any one of the rolls to be played, to provide a simple mechanism for accurately bringing the selected roll in playing position, to automatically start and stop the machine at the end of the piece.

PROPELLING MECHANISM FOR BOATS.—W. T. MOONEY, Parsons, W. Va. An object of the invention is to provide a device which will act in a direct line with the length of the boat and directly against the water, the propeller being so constructed that it will automatically open and close during backward and forward movements thereof, so that it in forcing the boat ahead will be opened or expanded and present a large area to the water and during its forward movement will be folded or closed in order to present little surface and resistance to the water.

AIR-SHIP.—C. MCCORMICK, Russell, Iowa. The invention is in the nature of a mechanical substitute for a balloon. The air current generated by the fan of this flying machine will, on being deflected downward by the curved aeroplane, have a tendency to raise the same. Also, this lifting operation will be aided by the elasticity of the air, the fan having a tendency to rarefy the air above the craft and compress the air beneath the craft in the practical operation of the invention.

BRIDLE-BIT.—F. GUÉZEX, Caracas, Venezuela. The purpose of the inventor is to provide a construction of bit particularly adapted for use upon mules; and further to provide a simple and conveniently-operated adjusting

mechanism whereby to adapt the bit for an effective service in a hard mouth as in a soft or normal mouth by increasing or decreasing the leverage at the driving end of the cheek pieces.

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 10, 1907.

AND EACH BEARING THAT DATE

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

Table listing inventions with patent numbers, including: Advertising apparatus, W. Henke; Advertising machine, rotary, H. T. Cole; Aeroplane, D. L. Moorhead; Air brake hose coupling, E. W. Shaw; Air compressor, G. C. McFarlane; Air compressors, control of electrically driven, E. Hill; Air compressors, means for unloading, E. Hill; Air ship, W. S. Mielicerek; Amusement apparatus, portable, T. A. & T. H. Fulton; Asbestos covering and plaster to a hot air duct or pipe, device for securing an, G. Pullets; Automobile, E. Hyslin; Automobile, compressed air motor for, F. G. Henning; Awning, roller, E. T. Toussaint; Axle lubricator, J. Aden; Bacteria, growing and distributing nitroglycerin, G. H. Earp-Thomas; Badge, campaign, A. Jacobsen; Bag holder, C. G. Carlson; Bail, artificial, D. W. Brown; Bail, automatic, J. D. Cragough; Baiting, Jolly, W. A. & J. C. Moore; Balers, self-feeder for, G. Schubert; Band cutter and feeder, C. Christiansen; Bearing, roller, H. W. Alden; Bearing, roller, S. S. Eveland; Bed bottom fabric, wire, H. Richardson; Beet toppler, A. Gudmunson; Belt shifter, R. Wentsch; Billiard table, convertible pocket carom, F. M. Cunningham; Binders, cord holder for self, B. R. Benjamin; Bleaching powder chamber, M. Mauran; Blind operating device, window, D. F. Longergan; Block, See Building block; Block signal, P. I. Chandeysson; Boring cylinders, apparatus for, G. H. Ward; Boring device, cylinder, D. H. Rowe; Boring machine, post hole, L. J. Van Kirk; Bottle, E. H. Campbell; Bottle and the like, Walters & Henderson; Bottle attachment, G. T. Trommald; Bottle filling machine, K. Klefer; Bottle, non-refillable, E. R. Ramsden; Bottle stopper, Leder & Schubert; Bottle stopper, M. Linker; Bottles and the like, holder for coffee, J. H. Janssen; Box making machine, W. Robinson; Box shaping machine, veneer, Wrenn & Martin; Bridge, draw, G. A. Wildman; Brush, fountain, H. A. Bierley; Brush, polishing, F. P. Chapot; Buggy body extension and rear seat attachment, W. J. Foster; Building block, waterproof, Noack & Marling; Burner, S. T. Whinnell; Butter cutter, B. F. Stewart; Button, A. J. Schneider; Calculating machine, B. F. Stump; Calendar and holder therefor, T. H. Cox; Car brake, mine, S. R. Green; Car door mechanisms, safety clutch for, C. A. Lindstrom; Car door operating mechanism, safety clutch for, C. A. Lindstrom; Car end construction, railway, A. Becker; Car, grain, V. Hago; Car hauling device, A. Ardel; Car mover, M. N. Shell; Car, passenger street, W. S. Twining; Car, railway, H. S. Bayer; Car, railway, A. Becker; Car repairing device, H. E. Lind; Car roof, J. J. Tatam; Card, tally, E. D. McKenna; Car, steel, J. W. F. Kiesel, Jr.; Car underframe, J. S. Andrews; Car window, W. F. Kiesel, Jr.; Carburetor, W. R. Park; Carburetor, A. C. Stewart; Carburetor, G. D. Garland; Card, tally, E. D. McKenna; Carpet holding spring, vehicle, D. F. Armstrong; Carriage, sick and invalid, P. Mullenmeister; Carton blank forming machine, F. M. Peters; Cartridge, C. A. Bailey; Cable, rotary, J. N. Weller; Cabling head, T. S. Cranston; Castings, producing, G. H. Brabrook; Catch for pivoted closures, safety, J. W. Watkins; Chain tightener, F. W. Bloxham; Chair having adjustable back, Risley & Ruger; Channel flap layer, portable power, W. H. Hooper; Channelling machine, C. P. Stanbon; Cheese press, J. V. Sokup; Chimney, J. T. Flynn; Churn, W. A. Cutler; Churn and butter work, combined, A. Jensen; Cigar lighter, C. D. Vaughn; Clamping device, W. E. Wood; Clasp, A. Schuch; Clevis, G. W. Barnett; Clip, See Wire clip; Clock, program, D. H. Leas; Clothes line support, J. Lynch; Clutch, E. E. Wright; Clutch dev., T. L. & T. J. Sturtevant; Clutch for automobiles, driving, C. Wenzel; Clutch for door operating mechanisms, safety, C. A. Lindstrom; Coal, ore, etc., machinery for handling, C. C. King; Cock, L. C. Lewis; Cock, gage, J. G. Saxe; Coffee pot, B. Georg; Collar pad, flexible horse, J. H. Taylor; Collar stuffing machine, horse, L. J. Powers; Composing machines with two or more magazines placed one above the other, releasing device for the matrices in, C. A. Albrecht; Compress, S. J. Webb; Concrete beam, F. Barre; Concrete block machine, F. D. Merchant; Concrete block making machine, W. G. Tower

Table listing inventions with patent numbers, including: Concrete construction, reinforced, G. M. Graham; Concrete construction, reinforced, H. F. Cobb; Controlling device, A. E. Handy; Converter, R. Baggaley; Conveyer, J. D. Travis; Conveyer, G. C. Horst; Conveyer and elevator, J. H. Weston; Conveying apparatus, A. & J. M. Hall; Cooker and processor, agitating, J. Jennings; Cord adjuster, G. A. Robinson; Core support and bearing member, W. Fairchild; Corn drying shaft, D. Ubborn, Jr.; Corset, A. Assorati; Corset waist, M. W. Lavy; Cot, child's folding, F. A. Wildason; Cotton chopper, W. A. Stockton; Crackers and the like, machine for cutting, P. S. Ward; Crate, E. F. Hulbert; Cream cooler, M. A. Muncy; Culinary utensil, W. & C. Kuehnlein; Culverts, conduits, and similar hollow structures, mold for making, J. Hickson; Curette, H. E. Currey; Current generator and motor, alternate, A. Heyland; Curtain stretcher, F. O. Holmquist; Curtain stretcher, E. E. Orbin; Curtain suspending device, window, A. A. Page; Cushion tire wheel, C. A. Marlen; Cutting tool, E. W. Ladd; Cycles, two-speed gear for motor, H. H. Fuller; D-handle, T. W. Wright; Dental clamp, H. E. Weagan; Dental fillings and the like, apparatus for making molds for the casting of, W. H. Taggart; Desk lid support, Decks & Drennan; Display cases, extension bracket for garment, J. W. Welch; Display means for doors or the like, F. L. Williams; Display rack, collapsible, M. Mayer; Ditching machine, G. C. Griffin; Ditching machine, J. B. Hill; Draft attachment, Maginn & Cary; Draft equalizer, O. M. Fisher; Draft equalizer, L. P. Sampson; Draft equalizer, G. E. Doron; Drains, traps, etc., clamp for, W. J. Taylor; Drumheading machine, M. Mauran; Dut laying composition, road, C. Ellis; Dust pan, C. W. Jackson; Dust suction apparatus worked by means of an electromotor, portable, A. Hein; Dye and making same, red orange monoazo, Herbsberg; Dynamo or the like, Vandervell & Proctor; Eaves trough hanger, E. D. Greeley; Elastic and plastic substances, production of, L. Stange; Electric contact rail, E. W. Farnham; Electric motor controller, C. S. Lee; Electric motor controller attachment, A. H. Mathewson; Electric motors, method and means for controlling, W. H. Powell; Electric motors, method and means for controlling, L. E. Bogen; Electric regulator, F. C. Newell; Electric switch, Hewlett & Button; Electric time switch, V. D. Ross; Electric wiring, break arm for, W. A. Arthur; Electrical accumulator, J. Knobloch; Electrical distribution system, J. B. Entz; Electrical purposes, coil for, E. W. Jodrey; Electrodes and heating by electricity and combustion, baking carbon, E. F. Price; Electrotype locking apparatus, J. J. Floyd; Elevator carrier, W. Loudon; Elevator bucket, I. O. Robbins; Elevator shaft closure and operating means therefor, S. E. Austin; Embroidery, manufacturing, H. Haberer; Engine, See Gas engine; Engines, antislipping device for traction, I. N. Mitchell; Engines, ignition system for explosion, R. Varley; Engines with explosive mixture apparatus for supplying explosive, C. G. Dean; Eraser holder, M. F. Creahan; Etching plates, process and apparatus for, F. J. M. Gerland; Eweher, four horse, R. C. & H. R. Harris; Excavating wheel, N. Griffin; Eye shade, F. O. Ellis; Fan, centrifugal, W. E. Allington; Fancet, W. H. Swift; Faucet, W. S. Cooper; Feed roll, G. W. Drew; Feed water heater, G. Curran; Feed water heater for steam boilers, direct contact, G. Wilkinson; Feeder, pigeon, J. B. Elliott; Fibers, machine for working or dressing textile, Mellor & Villy; Films, making nickel, T. A. Edison; Films or flakes, making metallic, T. A. Edison; Filter, pressure, J. H. Fox; Filtering apparatus, slimes, Kelly & Callow; Fire escape, Morgan & Erickson; Fire extinguisher, automatic, J. A. Loeb, et al.; Fire shutter, R. E. Rees; Firearm, take down, F. C. Chadwick; Firearms, cleaning rod for rifled, T. M. Price; Fireproof safe and chimney, U. Z. Keeney; Fireproof bath, W. Meier; Fireproof window frame and sash, P. W. Frenzel; Flaming reel, F. Schreidt; Flaming machine, C. W. Sleeper; Flat iron cover, A. Deegan; Flue cleaner, A. Muller; Flushing tank, McCormick & Barnes; Foot supporter, F. F. Wedekind; Fork, egg beat, and dish lifter, combined, H. J. Vasconcelles; Foundry molds, machine for making, G. P. Mehafey; Frame, See Fireproof window frame; Fringe brushing machine, H. S. Wilcox; Fruit gathering device, M. J. Sheahan; Fuel, T. Parker; Fuel for heating purposes, supplying, Kelley & Hofmeister; Funnel, W. Dawson; Furnace, See Metal melting furnace; Furnace air feeding mechanism, W. E. Cole; Furnaces, fuel feeding device for, F. Palenberg; Fuse plug, R. C. Cole; Game apparatus, H. B. McCulloch; Game appliance or puzzle, Webb & Davis; Garment hook, W. H. Clay; Garment supporter, K. Conry; Garment supporters, friction slide for, A. Abizaid; Gas engine, J. W. Burkett; Gas engine, E. Moor; Gas from peat, obtaining, J. E. Smith; Gas holder, G. E. Crosby; Gas, making and utilizing, A. L. J. Queneau; Gas, manufacture of illuminating and heating, G. W. Ziegler; Gas meter, E. H. Spangenberg; Gas producer, M. V. Smith; Gas producers, power mechanism for, S. B. Sheldon; Gate, E. L. Parker; Gate, A. J. Laurent; Gate, B. S. Edwards; Gear, friction draft, J. J. Hoffman; Gear shifting device, J. M. Crafts; Gearing, yieldable, T. H. Gannon; Generator, See Alternating generator; Girder and column, building, G. M. Graham

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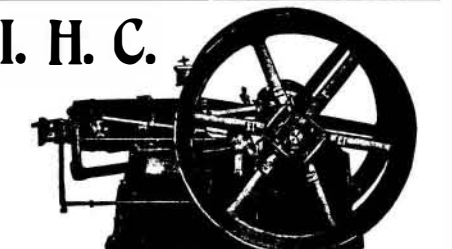
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