

RECENTLY PATENTED INVENTIONS.

Of Interest to Farmers.

MILKING-MACHINE.—L. L. STORY, East Fairfield, Vt. The object here is to produce a machine which can be readily adjusted in position. While the invention concerns itself with the general construction of the machine, it relates also to the construction of the teat cups and the manner of actuating them in the milking operation.

ATTACHMENT FOR CORN-CULTIVATORS.—H. J. NEFF, Stanford, Ill. In the present patent the invention is an improved cultivating implement designed and adapted to be used as an adjunct or attachment of a cultivator having plows or shovels for use in furrowing between rows of young corn stalks growing in hills or drills.

Household Utilities.

PORTABLE GRATE.—W. H. BOLLAND, Savannah, Ga. The invention is an improvement in fire-place grates, and has in view a grate of the conventional or other design, hinged at one side to swing within and to the outside of the fire-place opening, in which latter position it is adapted to be lifted from its hinges and removed for emptying or other purposes.

BROOM HANGER.—J. H. ASHMEAD, Silver Bay, N. Y. An object here is to provide a hanger by means of which a broom can be hung in an inoperative position from a nail or other support, which serves as an additional means for holding the broom straws securely together on the neck of the broom, and is so constructed that the nail cannot become caught in the broom straws to loosen or otherwise injure the same.

ROCKER FOR CHAIRS.—G. M. STRATTON, Carthage, S. D. The purpose of the invention is to provide hollow rockers of sheet metal for chairs, which are light, strong, shapely, and can be produced at low cost. It consists in a novel construction of rockers and their combination with the legs of a chair.

Machines and Mechanical Devices.

SHUTTLE MECHANISM.—J. LARSEN, Silkegade 13, Copenhagen, Denmark. The present invention concerns a horizontal shuttle, which is so arranged that it seizes the thread and holds it fast, so that the needle can without stopping go straight down and then again at once straight up, the upper edge of the ring-formed shuttle being provided with a horn, that holds onto the thread during the formation of the stitch.

APPARATUS FOR MANUFACTURING CIGARETTES.—O. WARTMANN, 681 High Road, Tottenham, London, England. The chief object of the invention is to enable the production of cigarettes which, while formed to a large extent by means of automatically acting mechanism, shall be free from the defects of ordinary machine-made cigarettes, and shall exhibit some of the best characteristics of those made entirely by hand.

BUTTER-SERVER.—O. W. MOBERG, Seattle, Wash. The construction enables the empty butter dishes to be stacked in a column and removed one at a time filled with butter and ejected from the machine. It stops the action and locks movable parts in case of breakage of the wire used for cutting the butter; prevents the stock of butter from moving in the machine except for the purpose of filling a butter dish; provides for effecting the disengagement of butter dishes from the bottom of the column of such dishes, and provides refrigeration and storage of the stock to be used so as to maintain the butter in suitable form to be acted upon by the machine.

DUMPING-SHOW.—F. P. EASTMAN, New York, N. Y. The scow has movable sides normally securely locked against opening, and which can be readily opened without presenting obstructions to the load, thus insuring a complete and quick discharge of the load, especially when the latter consists of bulky and moist refuse liable to cling to any obstructions in its path. The invention relates to scows described in the Letters Patent of the U. S. formerly granted to Mr. Eastman.

CENTRIFUGAL SEPARATOR.—J. A. B. DOMINGUEZ, Guayama, Porto Rico. The invention admits of general use, but is more particularly applicable to the separation of sugar and molasses from the crude product known as masse-cuite, or in other words, from the material received from the evaporators. Centrifugal force is developed in a rapidly rotating body, and causing such body to exert increased pressure, if its direction of motion is suddenly reversed.

Prime Movers and Their Accessories.

ROTARY ENGINE.—F. P. NICHOLS, Houston, Texas. In this patent the invention makes an improvement in rotary engines. In operation the motive fluid being admitted through a hollow shaft, passing upwardly through radial slots, and through ports to pressure chambers, acting against the sides of the piston blades to rotate the motor, which comprises the shaft, the casing, and the piston blades.

LUBRICATOR-PUMP.—G. J. ARENDS and J. J. ARENDS, Rock Rapids, Iowa. The invention relates particularly to such pumps as are employed in the cylinder lubrication of heat engines, in which a reciprocating plunger, playing in an oil pumping cylinder, operates

in conjunction with a kinematic element of the engine. Continuity in the oil feed to the pump; the preheating of the oil to be delivered to the pump; and expedients in the regulation of oil delivery, are assured.

Railways and Their Accessories.

KNUCKLE-JOINT CONNECTION.—M. KELLY, Bloomington, Ill. The invention refers to pivotal connection between the connecting rod and the parallel rod of a locomotive, and the aim is to provide a knuckled joint connection, arranged to hold the pivot pin tight and to properly press the jaws to prevent lost motion and uneven wear.

RAILWAY-TRACK CONSTRUCTION.—J. H. F. SCHULZE, New York, N. Y. In this patent the invention is an improved construction of railway tracks and has for its purpose the provision for the easy removal and replacement of the head of the rail, which is the only part worn, without interfering with the rail connection with the road bed.

RAILWAY-SWITCH.—P. MCGRATH, Denver, Colo. The present embodiment of this invention comprises a plurality of switch-throwing devices arranged on each side of the switch, a locking device for locking the device in thrown position and for insuring its complete throw, and a hand operating device which normally is disengaged from the switch.

CAR-COUPLING.—H. C. CRIGGER, Memphis, Tenn. This coupling is of the Janney type. In operation, when the parts are coupled, the operating bar will be in its outermost position and its serrations will be detached or out of interlocked engagement with serrations of the tongue. If the bar be now moved inward, it will first lift the locking dog to uncoupled position and then will move into interlocked engagement with the tongue of the coupling hook and will throw the hook to open position.

Pertaining to Recreation.

BILLIARD-CUE.—L. KALMANOVITS, New York, N. Y. The improvement pertains to cues, and more particularly cues having removable tips, means for securely and removably mounting the tips in position, and if so desired, between the tips and cue, a body of resilient material, which increases the effect of the blow when the cue strikes the ball.

Designs.

DESIGN FOR A SPOON, FORK, OR SIMILAR ARTICLE.—H. P. ROGERS, Albion, Ind. The ornamental design presented is an interesting administration design including the representation of an opossum at one end of the handle, a boll of cotton on the other end, and a sweet potato intermediate its ends.

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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PATENTS

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INDEX OF INVENTIONS

For which Letters Patent of the

United States were Issued

for the Week Ending

July 27, 1909,

AND EACH BEARING THAT DATE

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

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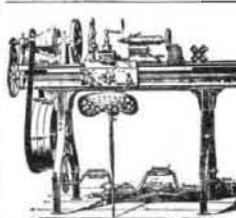
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