

RECENTLY PATENTED INVENTIONS.

Railway Appliances.

CAR COUPLING.—Albert N. Hopkins, Duluth, Minn. This is a coupling designed to be entirely automatic and to be readily coupled with the ordinary link and pin coupling...

RAIL JOINT.—Joseph D. Greene, Marshall, Mo. This is a joint of that class which has two sections adapted to grip the opposite edges of the base of the rail...

Agricultural.

HARVESTER.—Herman A. J. Rieckert, New York City. This is a machine in which part of the grain cut is formed into a band to tie the sheaf, the invention being an improvement on a former patented invention of the same inventor...

SELF BINDER.—Herman A. J. Rieckert, New York City. This is a machine designed to use a prepared straw band, and to be an improved self-binder which is simple and durable and very effective in operation...

HUSKING BENCH AND FODDER BINDER.—Parker J. Miller, Mount Gilead, Ohio. This is a combination device, designed to be readily folded up when not in use for storage or transportation...

CULTIVATOR.—Richard Cracraft, Abingdon, Ill. This is a machine especially adapted for use wherever shallow culture is desired, having a diagonal blade for loosening and throwing the earth to one side...

Miscellaneous.

CLOTHES DRIER.—Benjamin F. Fuller, McMinnville, Oregon. This is a rack formed of an extensible bar with sections sliding one upon the other, one of the sections carrying a windlass...

TOY GAME APPARATUS.—Mary P. Stewart, Washington, N. J. This apparatus is made with two intersecting channels, in one of which a plunger is held to slide, while in the other channel is a spring-pressed gate connected with the plunger...

LOCK.—Patrick McMahon, Whitestone, N. Y. This is a cylinder lock containing but one cylinder, and having the tumblers so arranged that by increasing or decreasing its length an indefinite set of combinations may be produced...

GUN RACK FOR TENTS.—Benjamin Watson, Glen Hazel, Pa. This invention consists of two clasps adapted to be attached one above the other to the tent pole, the upper clasp having swinging arms to be retained in horizontal position...

DESIGN FOR WEAR PLATE FOR BOOTS, etc.—Louis N. Beauchemin, Tacoma, Washington. This invention covers a two-part wear plate, a sole part and a heel part, the sole part having the normal shape of a sole...

VEHICLE SEAT.—Thomas J. Kerstetter, Fern, Pa. This invention covers the use of spring arms by which to support the back bar, and a holding frame adapted to secure such arms, made in sections and adjustable...

TRACE CARRIER.—Alexander P. Waddell, Union City, Tenn. This invention covers an improved buckle, the plate or frame work having cross bars at its upper and lower end and having books on its front face...

CHURN.—Columbus Miller, John W. Blue, and Charles S. Miller, Keystone, Mo. This churn has an inner and outer dasher section, the shafts operating which are turned by gearing in opposite directions, the sections being so constructed as to break up every particle of the milk and cream...

FEEDING OIL TO LAMPS.—Vincent Di Marzo, Louisville, Ky. This invention covers an ap-

paratus consisting of pipes connected to an oil reservoir with which a water reservoir is also connected at the bottom, a weighted gravitating plunger being employed for forcing the oil through the pipes to the lamps...

SAWING MACHINE.—Henry C. Green, Anniston, Ala. Combined with a main frame and lever frame secured thereto is a saw blade, the levers being arranged in series and connected at one end to the saw blade and at the other end to the main frame...

INDEX.—Nathan B. Shyer, Hopkinsville, Ky. Combined with a suitable frame or casing are leaves hinged or pivoted therein and arranged to fall forward when released, the leaves being normally held closed by a latch...

ADVERTISING OR DISPLAY DEVICE.—Andrew Dahlstrom, Ashton, Mich. This is a device more especially designed for use in the dining rooms of hotels, etc., to be made in the shape of a caster or to be connected with a revolving table or platform...

POST HOLE DIGGER.—Samuel H. Gregg, Crawfordsville, Ind. This is a device with jaws having back and side plates, the back plates being flat and straight and the side plates projected inwardly from the back plates...

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SCIENTIFIC AMERICAN BUILDING EDITION.

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- 1. Plate in colors of an elegant residence at Montclair, N. J. Munn & Co., architects, New York. Perspective view, also a plate showing the north and rear sides, floor plans, sheet of details, etc.
2. Elegant colored photographic plate, with floor plans, sheet of details, etc., of a cottage at Blythebourne, L. I. Estimated cost \$3,200.
3. Residence at Yonkers, N. Y. Perspective view and floor plans. D. & J. Jardine, architects, New York. Cost, \$10,950.
4. A residence at Orange, N. J. Perspective views, floor plans, etc. Cost about \$12,000.
5. Perspective view and floor plans of a residence at Holyoke, Mass. L. B. White, Holyoke, Mass., architect. Cost complete, \$6,000.
6. Sketch of two old Bristol houses.
7. Sketch of hotel and Post Office, Dartmouth.
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9. A church recently erected at Greenwich, Conn., at a cost of \$13,000 complete. J. C. Cady, architect, New York. Ground plan and perspective elevation.
10. View of the entrance to the United States Trust Company's building, Wall Street, New York.
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