

RECENTLY PATENTED INVENTIONS. Of General Interest.

ENVELOP.—P. MAC A. MACKASKIE, Central, Nev. The invention provides an envelop with non-adhesive, auxiliary detachable flaps, adapted to be removed when the envelop is actually used for mailing purposes but which when in position on the envelop will prevent its sealing flaps from becoming accidentally cemented to the body of the envelop whatever the climate and no matter what per cent of moisture in the atmosphere, and which will also prevent the accidental sealing of the envelop even should it be dipped or dropped in water.

COMPOSITION FOR COPYING-PADS.—R. O. E. DAVIS, Chapel Hill, N. C. In the present patent the invention has reference to compositions for copying pads, the more particular object being to produce a composition tablet having certain desirable properties and used for the purpose of making repeated copies of characters made by ink upon paper.

SEAL.—W. W. TOBEY, Iola, Kan. The invention is an improvement in seals or sealing devices to secure the contents of freight, refrigerator, and other cars, boxes, packages, parcels, mail-bags, etc., from being tampered with while in transit. Means provide for preventing the introduction of any instrument whereby to release the spring from engagement with the key or bolt.

FIREARM.—F. D. ELY, Plainfield, N. J. In this case the object is to limit the vertical dispersion of rifle fire. The invention eliminates all shots badly aimed as to elevation, thereby preventing the present immense waste of ammunition in battle, with its consequent disastrous wear on the bore of the rifle; lessens the difficulties of ammunition supply; insures concentration of fire, renders night firing effective, and vastly improves the morale and efficiency of any army.

HAMMOCK.—J. J. MAXWELL, Washington, D. C. An object of the invention is to provide a frame for a hammock which will keep the hammock spread apart in the most convenient position for the user and at the same time will permit the hammock to adjust itself automatically to persons of different weights who occupy the hammock without any danger of breaking or straining of the frame structure.

WINDOW.—E. A. LEWIS, Mount Vernon, N. Y. The invention relates to improvements in windows, the purpose of which is to provide a construction involving the usual sliding sash, the latter being adapted to be also swung from the window opening preferably to the inside of the room, whereby the passage of the air through the window opening is altogether unobstructed.

HORSESHOE.—G. LOEFFLER, Tampa, Fla. The invention provides a shoe and a removable calk held thereto by a fastening rod which can be moved longitudinally to secure and release the calk, and the shoe is so constructed as to afford a socket receiving the calk, and to afford means for engagement by the rod when adjusted to hold the calk to the shoe.

COLLAPSIBLE SHIPPING-CASE.—G. O. HELVIC and A. W. EWING, Dawson, Minn. The invention relates more particularly to an improved construction whereby the case when empty may be folded to occupy the minimum amount of space and rigidly locked in position so that the parts going to make up the case may be held rigid in respect to each other when the case is in its open or extended position.

PIPE.—H. LEIDEL, New York, N. Y. Mr. Leidel provides a cleaner of a strip of metal or other relatively stiff material having its ends helically formed or twisted, with the pitch of the helix decreasing as the ends of the strip are approached, whereby when the strip is withdrawn from the stem the nicotine and other collected matter will not revolve and thus effect its escape, but will pass out with the strip.

BLOCK-MOLD.—H. BRESSER, Toledo, Ohio. This ornamental block-mold is intended especially to be used in forming the markers employed in graveyards for indicating the division of the lots, the position of walks, etc. While the invention is particularly adapted for this purpose, it is capable of general use where blocks are to be molded, having inscriptions or characters in the faces thereof.

Hardware.

CLAMP.—O. B. PERKINS, Gloucester, Mass. The clamp consists of an arm having one end offset at substantially right angles thereto, and a cam journaled on the opposite end of the arm in opposition to the offset portion and adapted to clamp the timber placed therebetween. The under face of the offset portion of the arm is both laterally and longitudinally inclined to give a good bearing surface to the wedge and tend to cause it to move inwardly and draw up the planking when it is drawn in place.

Heating and Lighting.

BOILER-FURNACE.—P. H. MCGIEHAN, Garnersville, N. Y. In this instance the aim is to provide a boiler furnace, which is simple and durable in construction and arranged to insure complete combustion of the fuel, especially when the latter is soft coal, thus utilizing the

fuel to the fullest advantage and preventing smoke from passing into the chimney.

Household Utilities.

GATE FOR BEDS, ETC.—H. THURM and A. THURM, New Haven, Conn. The gate is designed to be used in connection with beds, windows, etc., to prevent children from falling out. The aim is to produce a gate embodying strength and simplicity, which may be readily applied to and detached from the side of any ordinary form of bed and which is adapted to be folded up to the head or foot board and thus occupy a removed position when it is not in use.

CHEESE-CUTTER.—W. A. MCELNEY, Meriden, Conn. The aim of the invention is to provide a cheese cutter, for use in stores, hotels, restaurants, and other places, and arranged to permit of conveniently and accurately cutting the cheese into pieces of desired sizes, and to normally keep the cheese covered.

NOISE-PREVENTER FOR COVERS OF RECEPTACLES.—T. B. GARRIS, Hart, Mich. The invention in this improvement is to provide a novel attachment for the cover of a commode vessel, which will obviate noise when the cover is placed on the receptacle, and also effectually seal the joint therebetween, so as to prevent an escape of odor from the contents of the vessel.

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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INDEX OF INVENTIONS

For which Letters Patent of the United States were Issued for the Week Ending January 19, 1909, AND EACH BEARING THAT DATE

Table listing inventions with names and patent numbers. Includes entries like 'Acid, naphthylpyrazolone sulfonic, P. Volkman', 'Agricultural machine seat, G. F. Danielson', 'Air brake system, G. Macloskie', etc.

Table listing inventions with names and patent numbers. Includes entries like 'Bottle, non-refillable, A. Hammerstein', 'Brush, for cleaning, O. G. Wood', 'Box fastener, G. H. Maas', etc.

Table listing inventions with names and patent numbers. Includes entries like 'regulating, B. M. W. Hanson', 'Fence, E. Craig', 'Fence post brace, W. H. Stephenson', etc.