No. 694,691. Patented Mar. 4, 1902.

# B. A. STEVENS.

## FASTENING DEVICE FOR REFRIGERATOR DOORS.

(Application filed May 2, 1901.)

(No Model.)

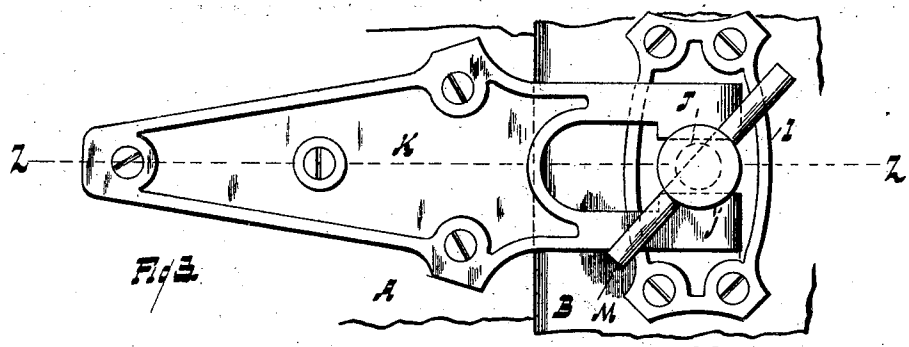



Fig 3.

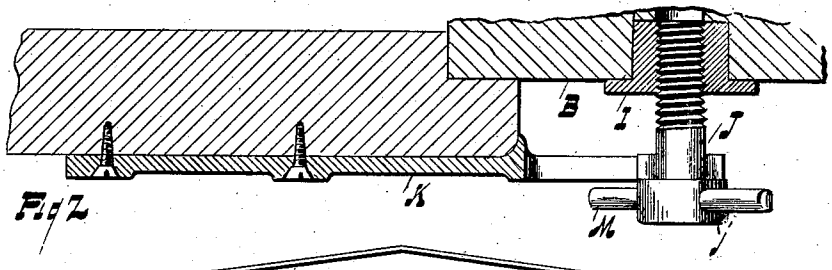



Fig 2.

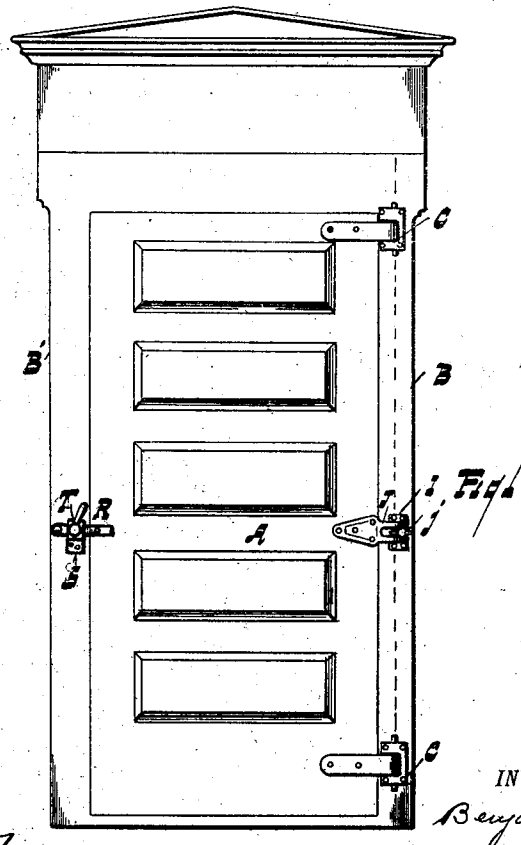



Fig 1.

WITNESSES

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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

# UNITED STATES PATENT OFFICE.

BENJAMIN A. STEVENS, OF TOLEDO, OHIO.

## FASTENING DEVICE FOR REFRIGERATOR-DOORS.

SPECIFICATION forming part of Letters Patent No. 694,691, dated March 4, 1902.

Original application filed January 11, 1901, Serial No. 42,844. Divided and this application filed May 2, 1901. Serial No. 58,413. (No model.)

*To all whom it may concern:*

Be it known that I, BENJAMIN A. STEVENS, a citizen of the United States, residing at the city of Toledo, county of Lucas, State of Ohio, have invented a certain new and useful Improvement in Fastening Devices for Refrigerator-Doors; and I declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to refrigerator-doors; and the object of my improvement is to provide an improved refrigerator-door which shall prevent the passage of air when it is closed.

The subject-matter of this application has been divided out of an application filed by me in the United States Patent Office January 11, 1901, and having the serial number 42,844.

I attain the above object in the device illustrated in the accompanying drawings, in which—

Figure 1 is an elevation of a refrigerator-door embodying my invention. Fig. 2 is a section on the line 2 2 of Fig. 3. Fig. 3 is an elevation of the part which acts to hold the door tight at its hinge edge.

The same letters refer to the same parts in the several views.

A is the door.

B is the vertical part or upright of the door frame or casing which is next to the hinges, and B′ is the other upright of said frame.

C C are the hinges.

The door overlaps and closes flush against the outer surface of the frame.

Upon the upright B, I secure by suitable screws passing through flanges a screw-socket I, into which passes a bolt J, having a head *j*, which is held by the bolt some distance away from the surface of the upright B. K is a plate secured to the door A near its hinged edge and projecting under the head of said bolt. I construct said plate with the end which projects over the upright B forked, so that it will engage under the bolt-head *j* upon both sides of the bolt. The bolt J is located a little farther from the door than the center line of the hinges C, as indicated in Fig. 1, the broken line being drawn through the pivotal points of the hinges. When the door is being closed, the inner end of the plate K engages under the head *j* of the bolt before the closing is completed. When the door is completely closed, the plate K presses outward on the bolt-head *j*, thus pressing the door A closely against the upright B. Should this edge of the door not be tight, the bolt J may be screwed farther into its socket, thus bringing a greater stress upon the plate K and pressing the door inward with greater force. The bolt-head *j* is made round and has a diametrical aperture formed horizontally through it, into which aperture a bar M may be thrust to form a handle by which the bolt may be turned.

R is a latch pivoted at the free edge of the door and engaging under a hook S upon the upright B′.

T is a screw-threaded bolt engaging in threads in a hole through the overhanging portion of the hook S. The bolt T bears against the latch R at its inner end and may be screwed in to tighten the door at the adjacent edge, as more fully described in my original application above referred to.

What I claim is—

1. The combination of a door, a casing therefor, a hinge connection between one edge of the door and the adjacent casing, a screw-bolt bearing in said casing adjacent to the hinged edge of the door and a plate secured to said door and projecting under the head of said bolt when the door is closed for the purpose set forth.

2. The combination of a door, a casing therefor, a hinge connection between one edge of the door and the adjacent casing, a screw-bolt bearing in said casing adjacent to the hinged edge of the door and located a distance from said door greater than the center line of the hinge-pintles and a plate secured to said door and projecting under the head of said bolt when the door is being closed, for the purpose set forth.

3. The combination of a door, a casing therefor, a hinge connection between one edge of the door and the adjacent casing, a lug secured to said casing adjacent to the hinged

edge of the door and adapted to be adjusted perpendicularly to said casing, and a plate secured to said door and projecting under said lug when the door is closed, for the purpose set forth.

4. The combination of a door, a casing therefor, a hinge connection between one edge of the door and the adjacent casing, a lug upon said casing adjacent to the hinged edge of the said door located at a distance from said door greater than the center line of the hinge-pintles and a plate secured to said door and projecting under said lug when the door is being closed.

5. The combination of a door, a casing therefor, a hinge connection between one edge of the door and the adjacent casing, a lug upon said casing, adjacent to the hinged edge of said door, a plate secured to said door and projecting under said lug when the door is closed and means for adjustably securing the free edge of the door to the opposite side of the casing, substantially as described.

6. The combination of a door, a casing therefor, a hinge connection between one edge of the door and the adjacent casing, a lug upon said casing adjacent to the hinged edge of said door located a distance from said door greater than the center line of the hinge-pintles, a plate secured to said door and projecting under said lug when the door is closed, and means for adjustably securing the free edge of the door to the opposite side of the casing.

In testimony whereof I sign this specification in the presence of two witnesses.

BENJAMIN A. STEVENS.

Witnesses:

ROY R. STUART,

MABEL CATHCART.