

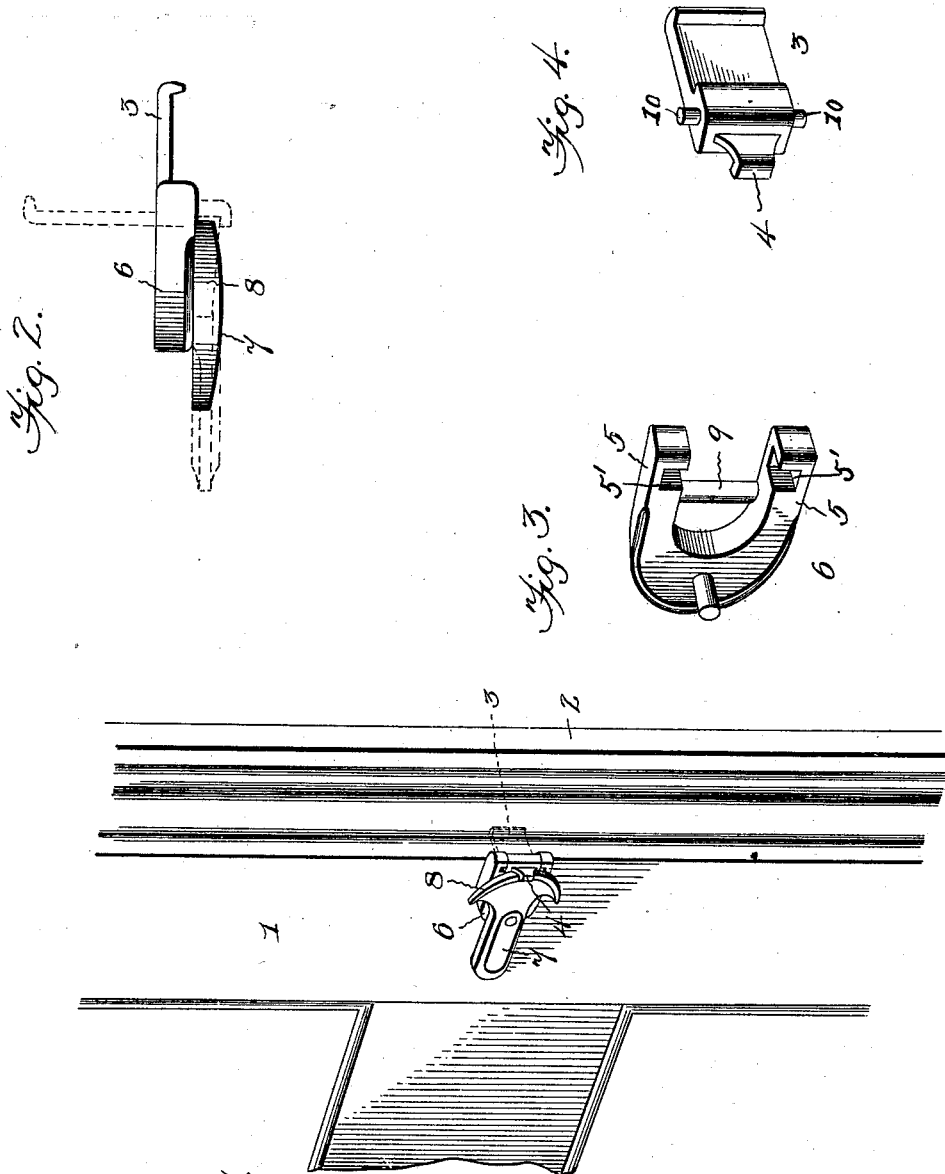
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Patented Apr. 24, 1900.

D. E. LANTZ.
DOOR FASTENER.

(Application filed Mar. 14, 1900.)

(No Model.)



Witnesses
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UNITED STATES PATENT OFFICE.

DAVID EDGAR LANTZ, OF FARMER CITY, ILLINOIS.

DOOR-FASTENER.

SPECIFICATION forming part of Letters Patent No. 648,270, dated April 24, 1900.

Application filed March 14, 1900. Serial No. 8,670. (No model.)

To all whom it may concern:

Be it known that I, DAVID EDGAR LANTZ, a citizen of the United States, residing at Farmer City, in the county of De Witt and State of Illinois, have invented certain new and useful Improvements in Door-Fasteners; and I do hereby 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 appertains to make and use the same.

My invention relates to in-door securers or fasteners of that class or description which can be applied to a door from the inside, securely locking the same, so that the door cannot be opened from the opposite or outside by burglars or others.

The invention consists in the novel construction and combination of parts herein-
after fully described and claimed.

In the accompanying drawings, Figure 1 is a view of a portion of a door and its casing, showing the door closed and secured by my improved fastener. Fig. 2 is an edge view of the device detached, certain portions of the parts being shown in dotted lines. Fig. 3 is a detail perspective view of the fastening-plate, and Fig. 4 is a similar view of the knife-plate.

In the said drawings the reference-numeral 1 designates a door, and 2 its casing, of any ordinary or suitable construction.

The numeral 3 designates what I term a "knife-plate," consisting of a thin plate of metal having its inner end turned or bent at a right angle and formed with a knife-edge adapted to take into the casing, so as to hold the plate firmly in place. The outer or opposite end of this plate on one side is formed with a curved flange 4, with which a locking-lever, hereinafter described, is adapted to engage. Pivotally connected with this plate near its outer end are horizontal arms 5 of a fastening or securing plate 6, to which is pivoted a lever 7, having at one end a curved head 8, which engages with the flange 4 of the knife-plate. The fastening-plate is also

formed with a cross-piece 9, which engages with a groove 9' on one side of the fastening-plate when the latter is locked.

Upon reference to Fig. 3 it will be noticed that the arms 5 are each provided with a recess 5', open at their adjacent sides and also at one end, and these recesses are adapted to receive the pintles 10, projecting from opposite sides of the knife-plate 3. This permits of the ready assemblage of the parts and allows the same to be separated for convenience in carrying in the pocket. When in use, the curved head of the locking-lever overlaps these recesses sufficiently to prevent disengagement of the parts.

The operation will be readily understood. To fasten the door, the locking-plate is inserted between the door and the casing, with its knife-edge taking into the latter. The fastening-plate is then turned over against the door, as seen in Fig. 1, and the locking-lever turned so that its head will engage with the flange 4 of the knife-plate, when the door will be securely fastened, preventing opening from the outside, as the lever cannot be withdrawn from the flange except by a person inside of the room.

By the above construction I produce a very simple, reliable, and efficient door fastener or securer requiring no screws or other similar devices for attaching it in place and which can be readily carried in the pocket, thus enabling travelers and others occupying rooms in hotels to have easily-applied means for securing their doors. The device may be applied to all ordinary doors and be affixed at the top, side, or bottom, as desired or found convenient.

Having thus described my invention, what I claim is—

1. A door-fastener comprising a fastening-plate with arms having open-ended recesses, a knife-plate having pintles detachably engaged in said recesses and a locking-lever pivotally mounted upon the fastening-plate and adapted to hold said pintles in said re-

cesses and to engage and hold the knife-plate at right angles to the fastening-plate, as set forth.

2. The door-fastener described, comprising
5 a fastening-plate with arms having open-
ended recesses, a knife-plate having pintles
detachably engaged in said recesses and hav-
ing a knife end upon one side of its pivot and
a flange upon the opposite side, and a lock-
10 ing-lever pivotally mounted upon said fas-

tening-plate and having a curved head adapt-
ed to overlap said recesses and to engage the
flange of the said knife-plate, all substantially
as and for the purpose specified.

In testimony whereof I affix my signature 15
in presence of two witnesses.

DAVID EDGAR LANTZ.

Witnesses:

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