

(Model.)

D. H. PARKHILL, Jr.

DOOR SECURER.

No. 329,673.

Patented Nov. 3, 1885.

Fig. 1.

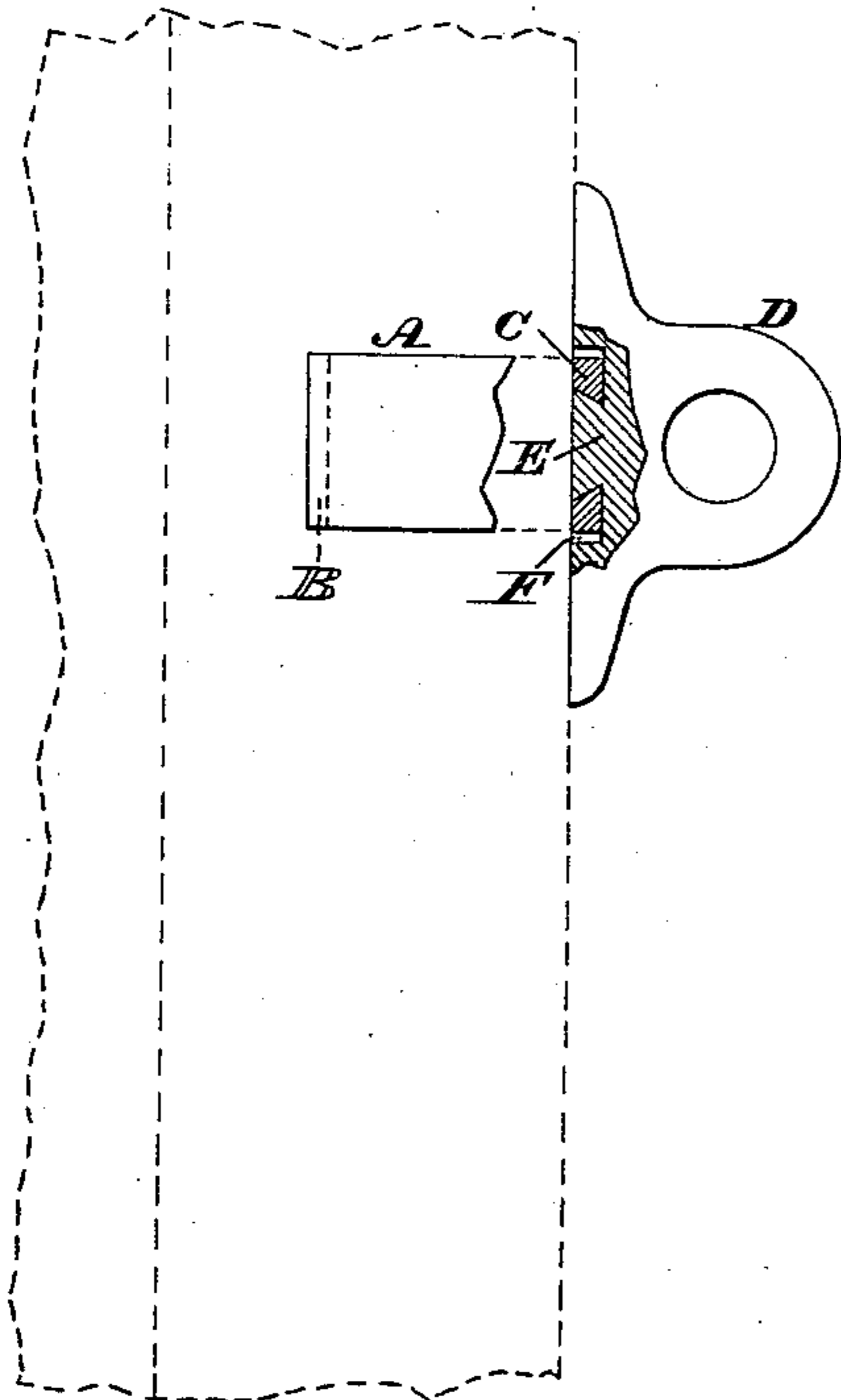


Fig. 2.

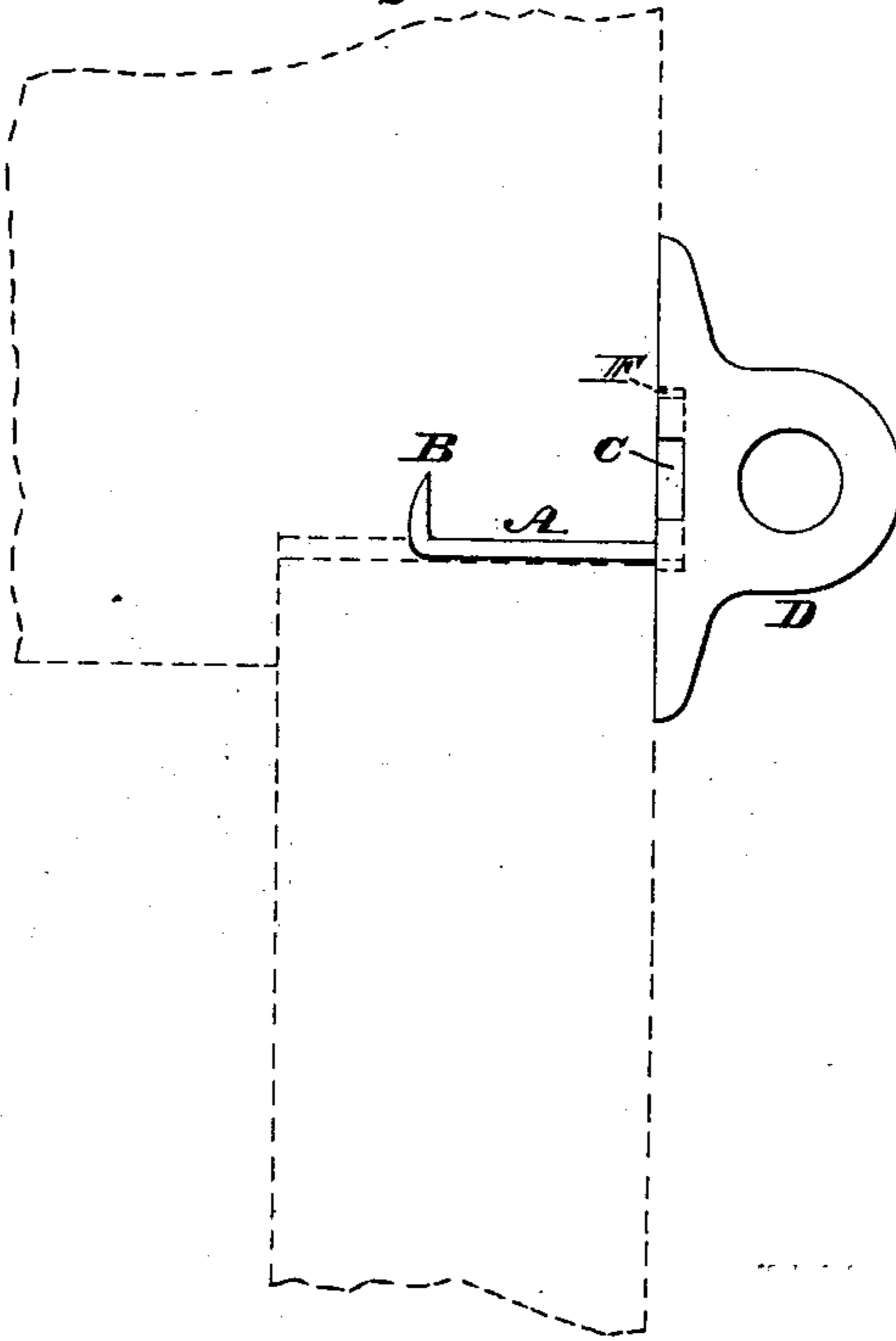


Fig. 3.

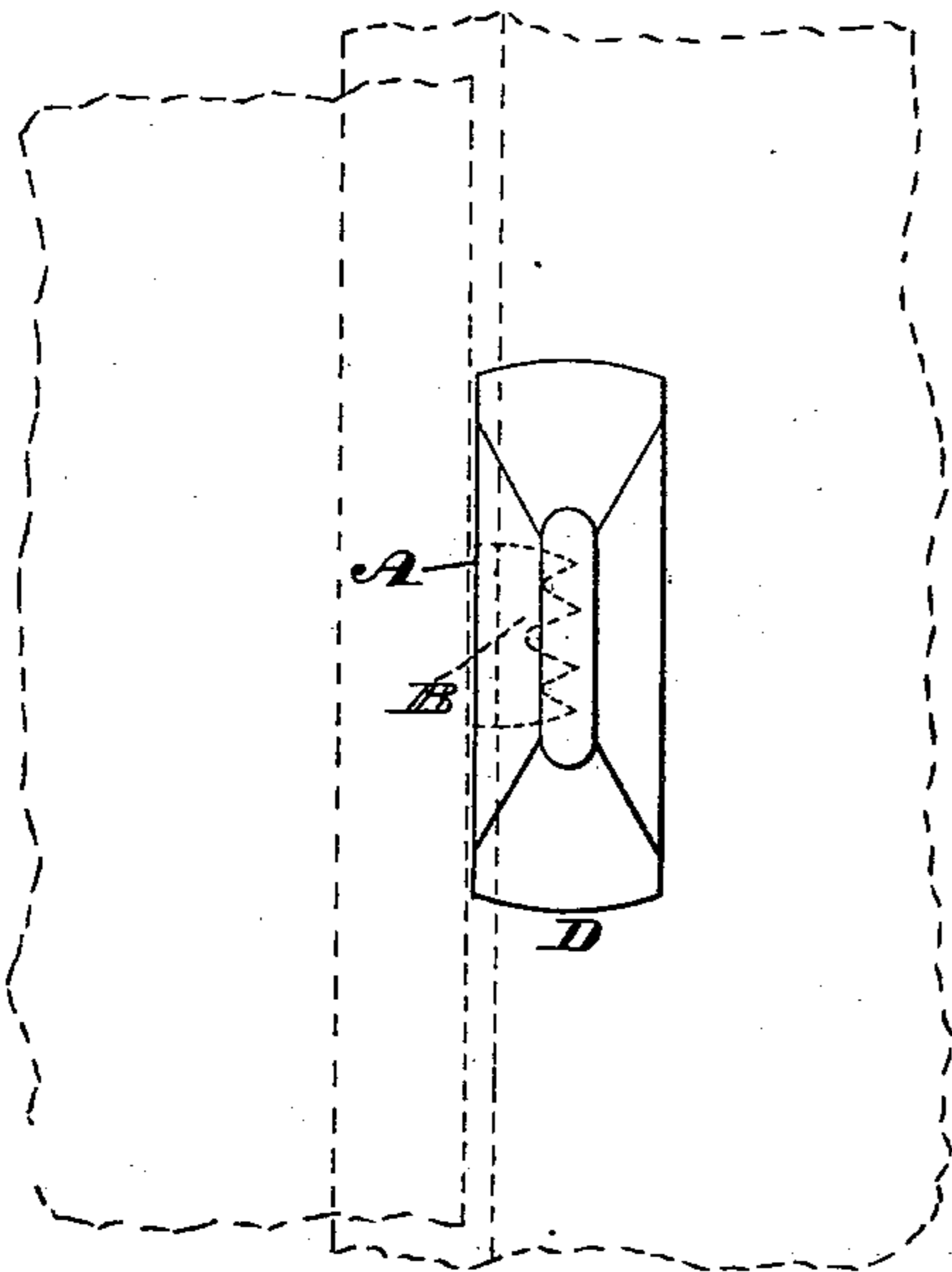
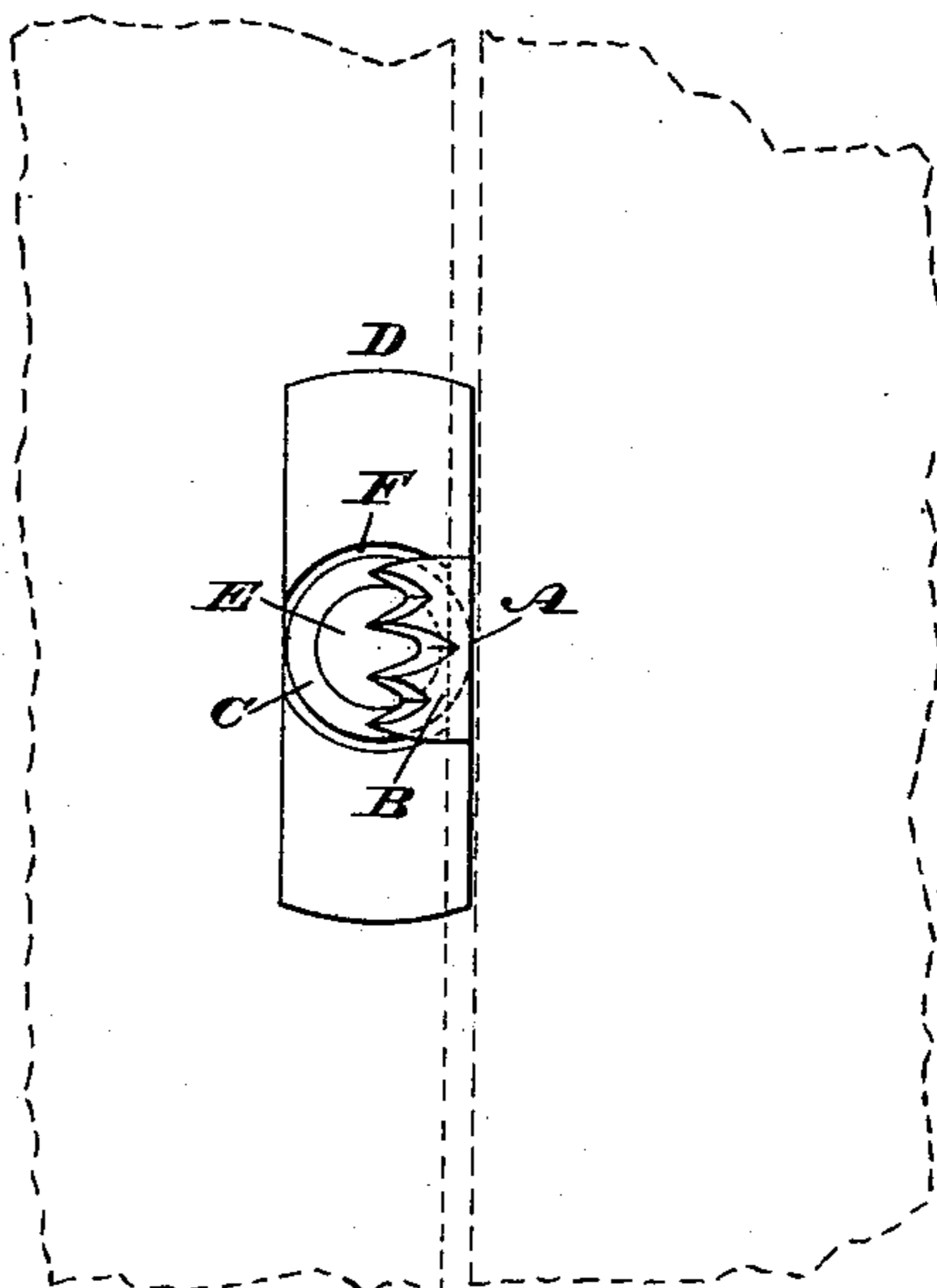


Fig. 4.



WITNESSES:

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DOOR-SECURER.

SPECIFICATION forming part of Letters Patent No. 329,673, dated November 3, 1885.

Application filed November 1, 1884. Serial No. 146,970. (Model.)

To all whom it may concern:

Be it known that I, DAVID H. PARKHILL, Jr., a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Door-Fasteners, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 represents a side elevation, partly sectional, of a door-fastener embodying my invention. Fig. 2 represents a side elevation at a right angle to that shown in Fig. 1. Fig. 3 represents a front view thereof. Fig. 4 represents a rear view thereof.

Similar letters of reference indicate corresponding parts in the several figures.

My invention consists of a bar formed at one end with a serrated limb and at the other end with an eye or ear, in combination with a head, which is formed with a handle on one side and a stud or pin on the other side, said stud having surrounding it a recess, within which is fitted the aforesaid eye or ear, the latter being connected with a head by means of said stud, it being noticed that the stud and handle are integral with the head, thus making the device of two pieces and avoiding a separate pivot, which requires to be fastened at both ends, and is liable to be wrenched off should power be applied to the door to open the same. The dovetailed stud or pin which connects the head and bar prevents injury to the face of the door-frame, as said head and the perforated limb of stud-bar are flush and leave no projections.

Referring to the drawings, A represents a flat bar of metal bent at one end, forming limbs, one of which is serrated, as at B, and the other is perforated, producing an eye, C.

D represents a bar of metal, which I denominate the "head" of the fastener, the same having a dovetailed stud or pin, E, on its inner face, surrounding which is a recess, F. To the pin E is journaled the eye C, the latter entering the recess F, it being seen that owing to the pin E and eye C the head D is firmly connected with the bar A. The stud or pin E is on one side of the head D, and the handle of the head is on the opposite or outer side, it being noticed that the head, handle, and stud are integral, thus avoiding a separate pivot, and constructing the fastener of two parts, making an inexpensive, strong, and reliable

device for the purpose intended. The serrated limb of the bar A is forced into or inserted in an opening in the door-frame on the side opposite to the hinges thereof, and the head D placed vertically. The door is then closed, the bar A not interfering with the same, and the head rotated so as to stand horizontally and project over or overlap the side of the door as closed, whereby said head acts as a barrier to the opening of the door, the same being unremovable, owing to the engagement of the bar A by its serrated limb B with the door-frame. When the serrated limb is fitted to the door-frame, should it not sufficiently penetrate the wood-work thereof, the same will be effected by the closing of the door, the side of which rides over the bar A and exerts pressure thereagainst. As the eye C occupies and rotates in the recess F, the back of the head is flush with the wood-work of the door and frame thereof, thus preventing play of the door against the head and leverage of the latter, such play and leverage being liable to loosen the head or destroy its connection with the bar A, which I avoid, as has been stated. Owing to the dovetailed stud of the head and dovetailed opening of the limb of the bar, the inner faces of said head and perforated limb or eye of said bar are left flush and flat, whereby they are prevented from cutting or injuring the outside of the door-frame. When the head is rotated, the door may be opened and the device entirely removed from the door-frame.

I am aware that it is not new to form a door-fastener of a rotating head to which an angular bar is pivoted, and therefore do not broadly claim the same.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A door-fastener consisting of a bar having a serrated limb at one end and a perforated limb at the other end, in combination with a rotatable head having a stud and handle on opposite sides thereof formed integral therewith, substantially as and for the purpose set forth.

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