

D. F. McKITRICK.
Door-Securer.

No. 219,493.

Patented Sept. 9, 1879.

Fig. 1.

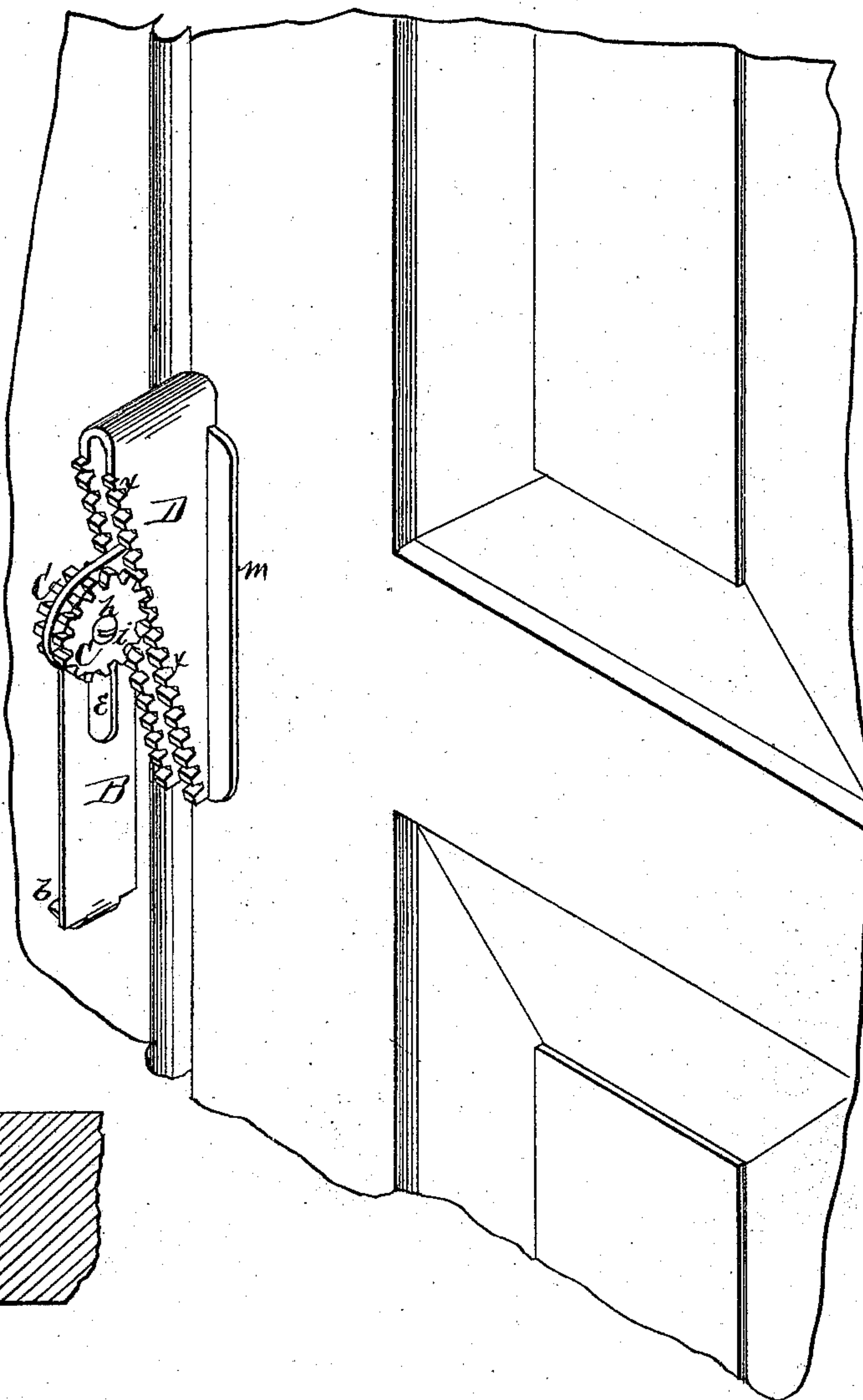


Fig. 3.

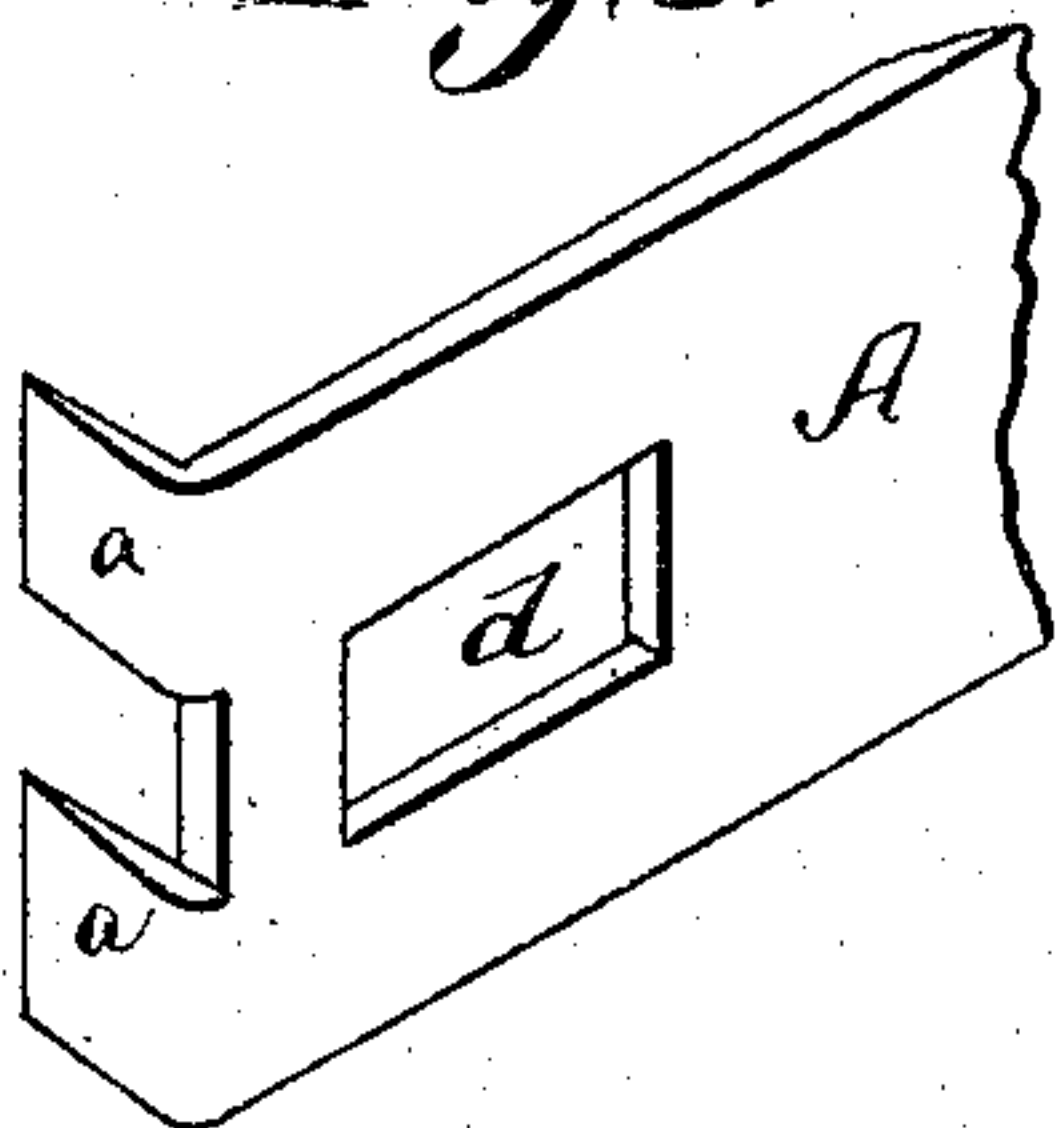
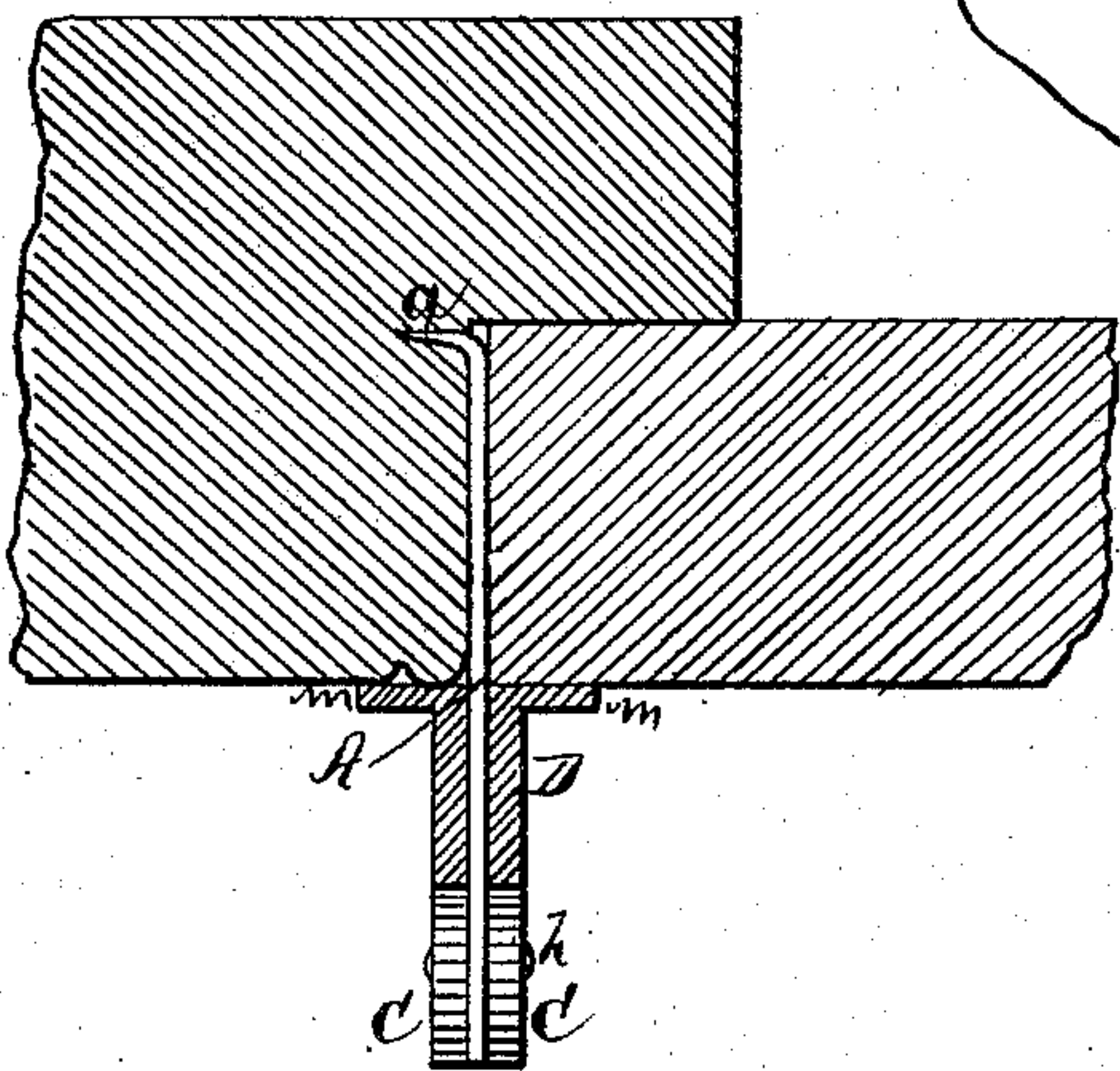


Fig. 2.



Witnesses:
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UNITED STATES PATENT OFFICE.

DAVID F. MCKITRICK, OF MARYSVILLE, OHIO.

IMPROVEMENT IN DOOR-SECURERS.

Specification forming part of Letters Patent No. 219,493, dated September 9, 1879; application filed July 22, 1879.

To all whom it may concern:

Be it known that I, DAVID F. MCKITRICK, of Marysville, in the county of Union and State of Ohio, have invented certain new and useful Improvements in Door-Securers; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification.

The object of my invention is to furnish a light, portable, and effective device for securing doors, and is intended especially for persons traveling to carry with them and fasten the doors of their rooms in hotels, &c.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a perspective view of my device. Fig. 2 is a cross-section, and Fig. 3 is a detail of one of the plates.

A and B represent two metal blades or plates of unequal size. The larger blade, A, has at its end two catches, *a a*, struck up from the metal, with a space between them sufficiently large to admit a catch, *b*, struck up from the smaller blade, B. The larger blade, A, is made of thicker metal than the smaller one. The small blade, B, is to be used when the door fits very close, and the larger one when more loosely fitting, and both combined when there is considerable space between the frame and door; and, further, when it is desired to get a still stronger hold on the door the small blade, B, is moved back and its catch *b* passed through a slot, *d*, in the plate A.

h is a stud, passing through a slot, *e*, in the other end of the small blade and through a hole in the larger blade, the slot *e* admitting of the smaller blade being moved out and in, as de-

sired. On the stud *h* are placed two cog-wheels, C C, one on each side of the two plates, and a screw, *i*, screwed into the end of the stud, as shown.

D represents a double or slotted wedge-key to straddle the blades, and provided with cogs *x* to engage with the wheels C C. This key is for the purpose of gaging the different thicknesses of doors, and it has a flange, *m*, on each side, which admits of the device being used on doors opening either way. In attaching this fastener the blades are put in the proper place, and the closing of the door drives the catches into the wood. The key D, being then placed over the blades and pressed down and engaging with the cog-wheels, securely locks the door.

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

1. In a door-fastener, the combination of the blade A, having catches *a a* and slot *d*, and the movable blade B, having catch *b* and slot *e*, as and for the purposes herein set forth.

2. In a door-fastener having one or more blades with projecting catches, the combination of the cog-wheels C C and the double-cogged wedge-key D, for the purposes set forth.

3. The double-cogged wedge-key D, provided with side flanges, *m m*, in combination with the plates A B and cog-wheels C C, substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

DAVID F. MCKITRICK.

Witnesses:

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JAMES S. McCAMPBELL.