

W. J. Ross,
Door Securer.
N^o 84,767. Patented Dec. 8, 1868.

Fig: 1.

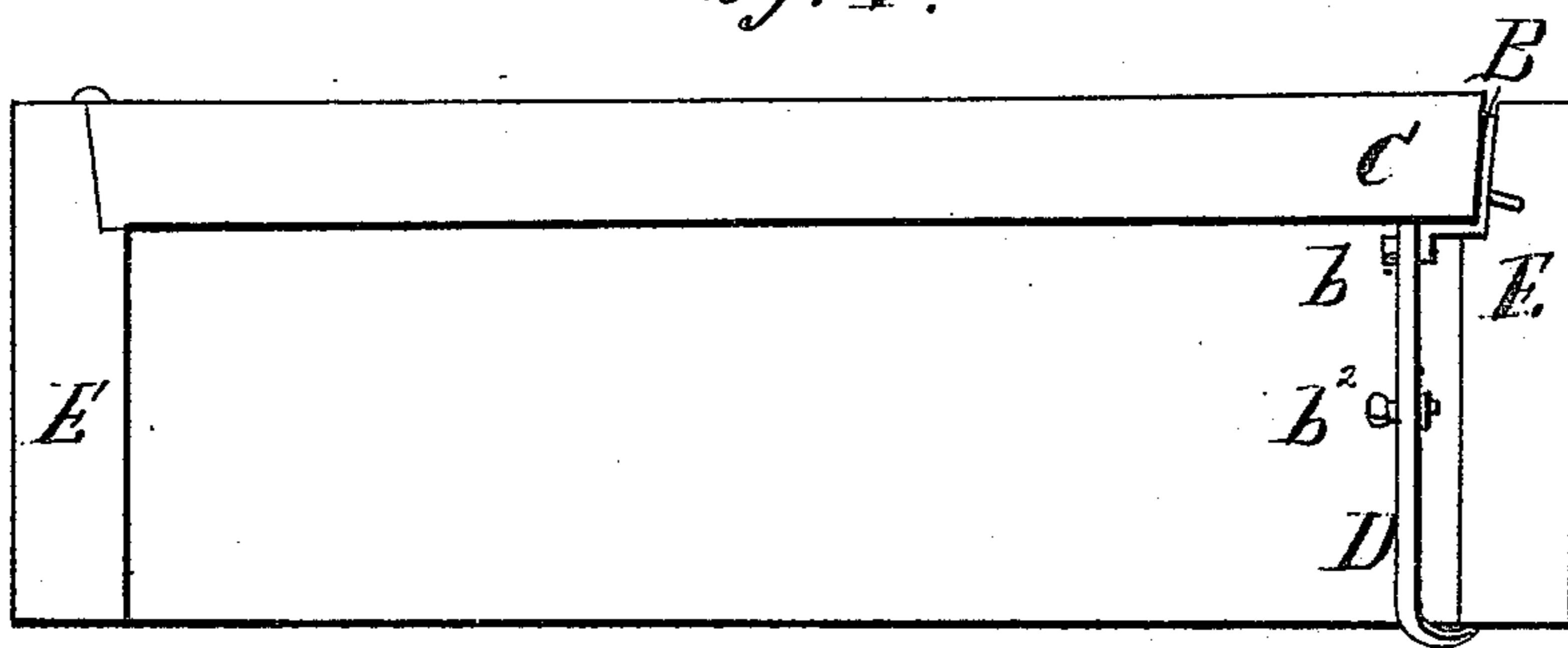
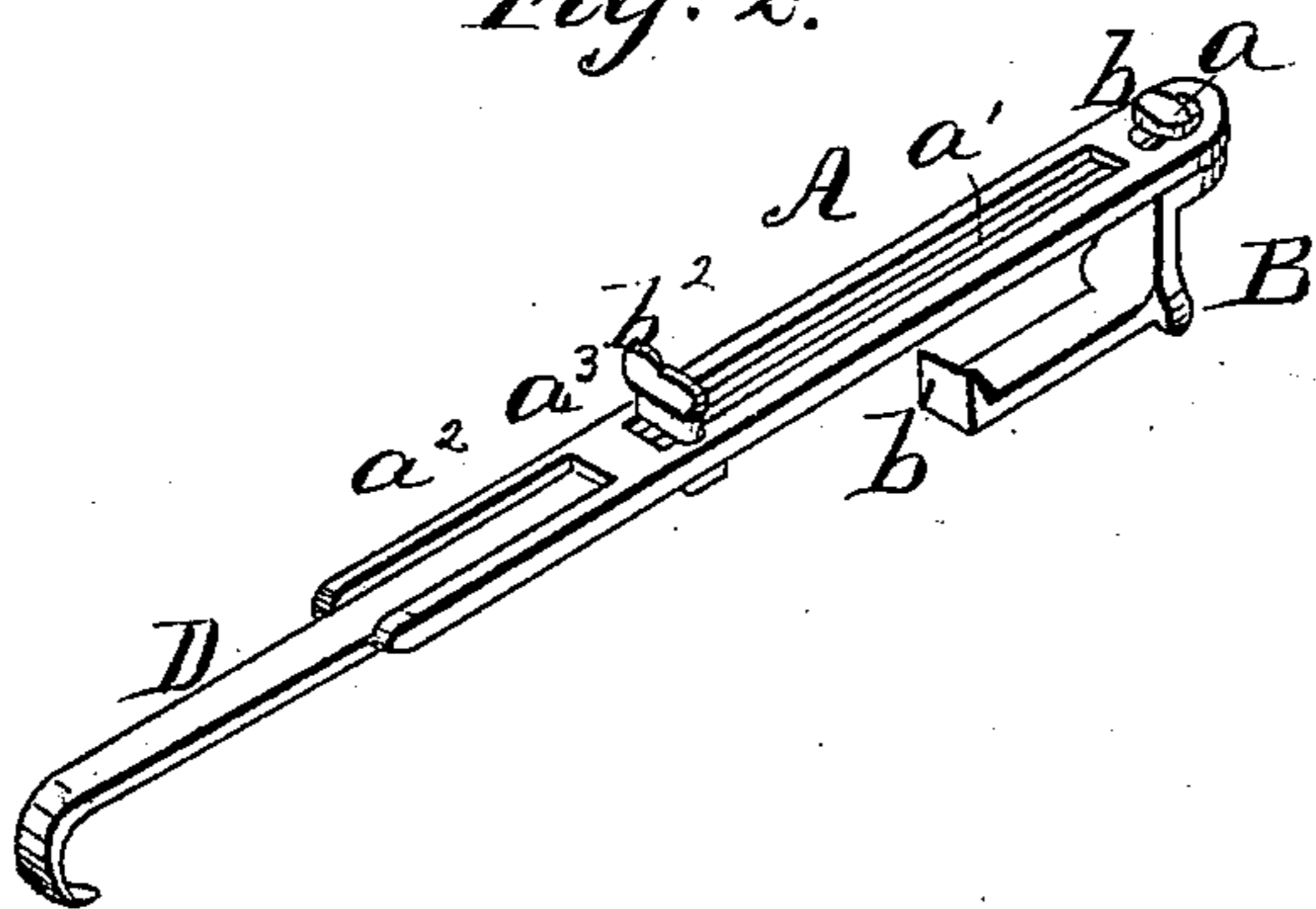


Fig: 2.



Witnesses;

John A. Cole's
J. W. Heiter

Inventor;

W. J. Ross
Per
J. H. Alexander
Atty

UNITED STATES PATENT OFFICE.

WILLIAM J. ROSS, OF WORCESTER, MASSACHUSETTS.

IMPROVEMENT IN DOOR-FASTENER.

Specification forming part of Letters Patent No. **84,767**, dated December 8, 1868.

To all whom it may concern:

Be it known that I, WILLIAM J. ROSS, of Worcester, in the county of Worcester and State of Massachusetts, have invented certain new and useful Improvements in Door-Fasteners; and that I do hereby declare 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 a part of this specification, and in which—

Figure 1 represents a plan view of my door-fastener as applied when in use, and Fig. 2 represents a perspective view of the same detached from the door.

The nature of my invention consists in the employment of a slotted metal bar, provided at one end with an adjustable bar or catch, formed so as to fit in between the door, into which it hooks, and the door-frame, and supplied on its slotted portion with a sliding bar, provided with a set or thumb screw, and hooked at its inner end, so as to engage with the inner end or edge of the door-frame, the object of the above arrangement being designed to furnish a cheap fastening for doors.

To enable others skilled in the art to make and use my invention, I will now describe its construction and operation.

In the accompanying drawings, A represents a metal bar, provided at one end with an opening or slot, *a*. This bar is also provided with another slot, *a*¹, extending about two-thirds of its length, and which is separated from the open end *a*² of the said bar by a partition or piece, *a*³. B represents a catch or bar, consisting of two bars bent at right angles

to each other, the vertical portion of said catch being formed with a projection, which is furnished on its lower side with a projection also, said projection being made with a knob, *b*, corresponding with the slot in the end of bar A, into which it fits when locked to said bar.

The horizontal portion of the catch B is provided at its outer end with a pointed projection, *b*¹, which is designed to fit into a similar opening in the front edge or facing of the door C.

D is a sliding bar, which slides back and forth in the slotted portion of the bar A on flanges formed on each side of the slot *a*¹, and is provided at one end with a set or thumb screw, *b*², for securing the bar D therein at the desired point, allowing the said bar to be adapted to different-sized doors and frames. The opposite or inner end of bar D is formed into a hook, for the purpose of securing it to the door-frame E, as seen in Fig. 1.

The object of leaving the inner end, *a*², of bar A open is to permit the bar D to be bent outward when desired.

What I claim, and desire to secure by Letters Patent, is—

The slotted bar A, in combination with the catch B and hooked sliding bar D, provided with the thumb or set screw *b*², all constructed, arranged, and operated substantially as and for the purpose set forth.

In testimony that I claim the foregoing as my own I affix my signature.

WM. J. ROSS.

Witnesses:

WM. GREENLEAF,
LAFAYETTE HAWES.