

(No Model.)

A. ARMSTRONG.
SASH FASTENER.

No. 464,413.

Patented Dec. 1, 1891.

Fig. 1.

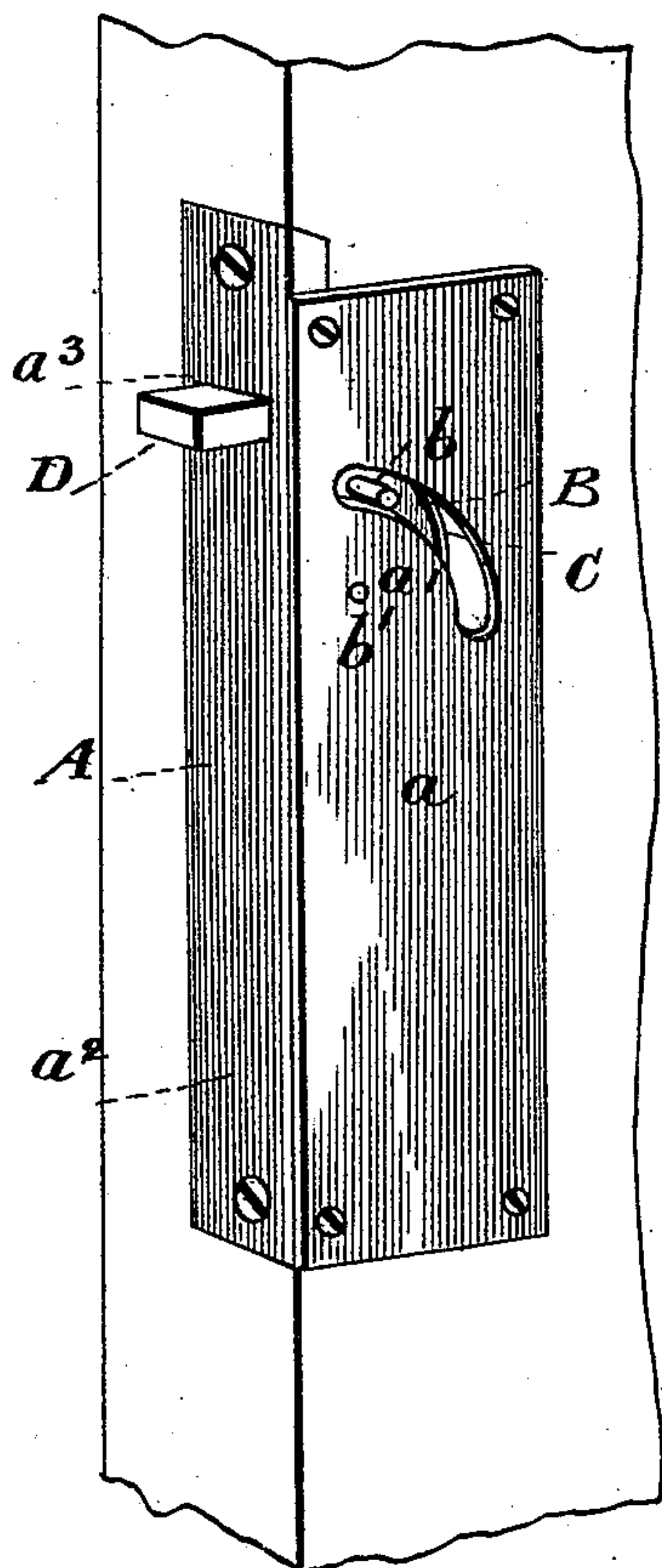


Fig. 2.

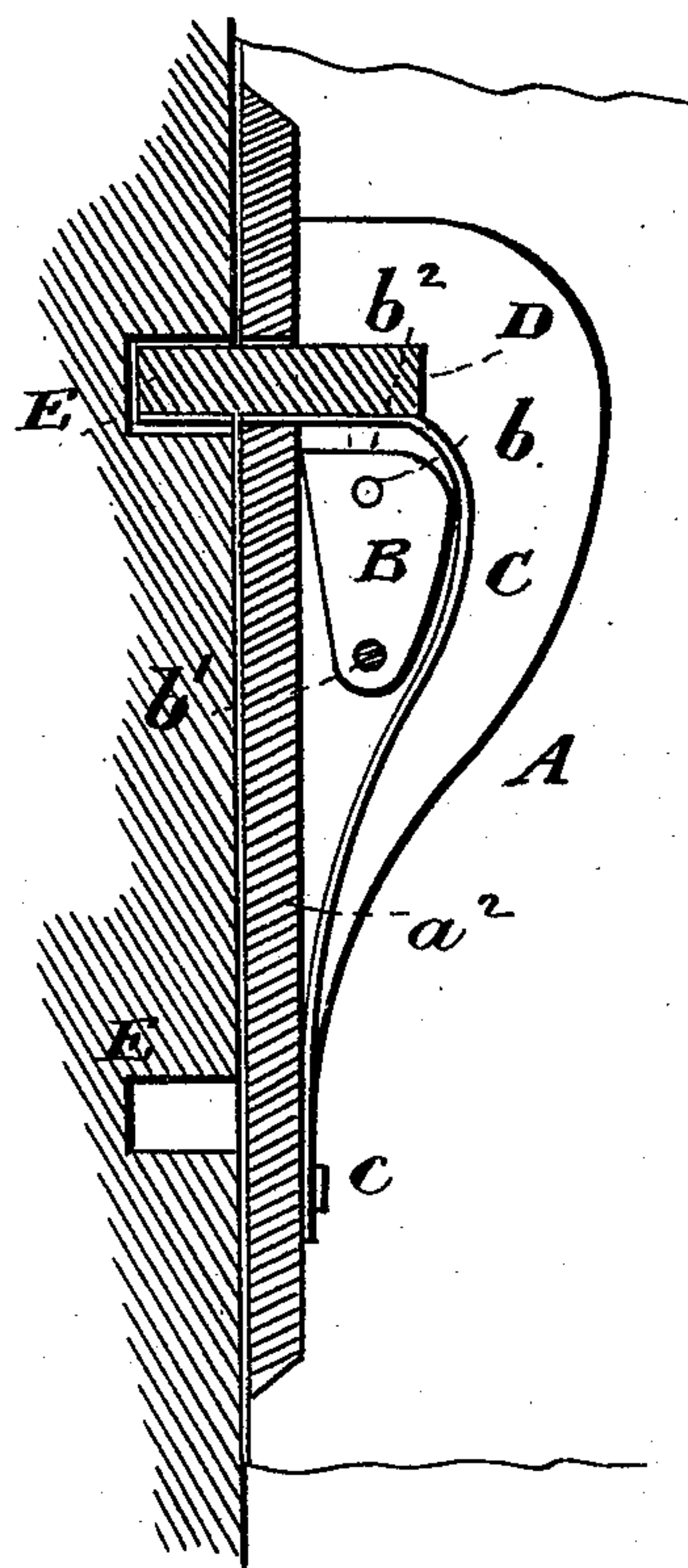
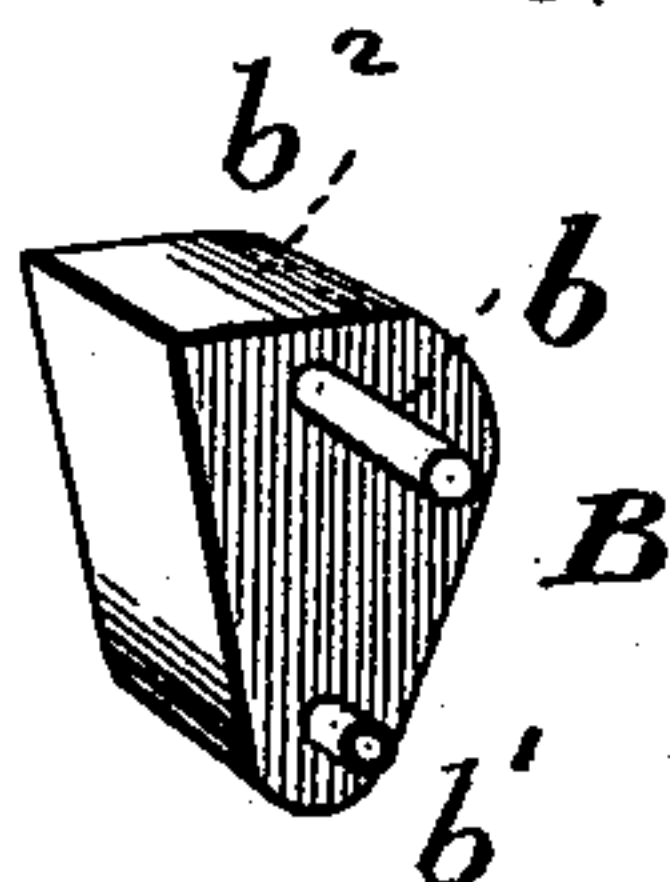


Fig. 3.



Witnesses
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ALICE ARMSTRONG, OF NOBLESVILLE, INDIANA.

SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 464,413, dated December 1, 1891.

Application filed August 17, 1891. Serial No. 402,819. (No model.)

To all whom it may concern:

Be it known that I, ALICE ARMSTRONG, a citizen of the United States, residing at Noblesville, in the county of Hamilton and State of Indiana, have invented certain new and useful Improvements in Sash-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 improvement in sash-fasteners will first be described in connection with the drawings, and then pointed out in the claim.

Figure 1 of the drawings is a perspective view showing my invention applied; Fig. 2, a vertical section thereof, and Fig. 3 a detail perspective view of the cam.

In the drawings, A represents the lock-case, whose outer metallic plate a has an arc slot a' , through which protrudes the stud b of a cam B, fulcrumed at b' on the inside of a plate-spring C. One end of the spring is made fast at c to the plate a^2 , while the other end is bent to a horizontal plane, where it is fastened to the latch or bolt D, which passes through a horizontal slot a^3 in the plate a^2 . By this construction of spring, arrangement of the cam with respect thereto, and the carrying of the arc slot a' into a horizontal plane with the cam-pivot b' or below said plane the cam holds the latch or bolt unlocked and al-

lows the window-sash to be moved up or down. In order to facilitate the retention of the bolt after it has been thrown back, I may make the flat face b^2 on the cam; but it is not at all necessary.

This lock may be let into the sash or window-frame, while the part in which the lock is not placed may be provided with notches E to receive the bolt, or the sash may be held stationary by the friction or pressure of the bolt.

I may make the bolt and spring of one piece of metal plate or of wire.

Having thus described all that is necessary to a full understanding of my invention, what I claim as new, and desire to protect by Letters Patent, is—

A sash-fastener consisting of the case A, having the arc slot a , the cam B, having stud b , protruding through said slot, and a fulcrum or pivot b' , and the plate-spring C, arranged on a curve around the cam, fastened at the lower end to the case, and provided on top with a horizontal bolt D, the latter passing through the case-slot a^3 , as shown and described.

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

ALICE ARMSTRONG.

Witnesses:

JOSEPH R. COX,
MARY N. PARKER.