

A. Eccard,

Lock Hinge.

No. 105441.

Patented July 19, 1870.

Fig. 1.

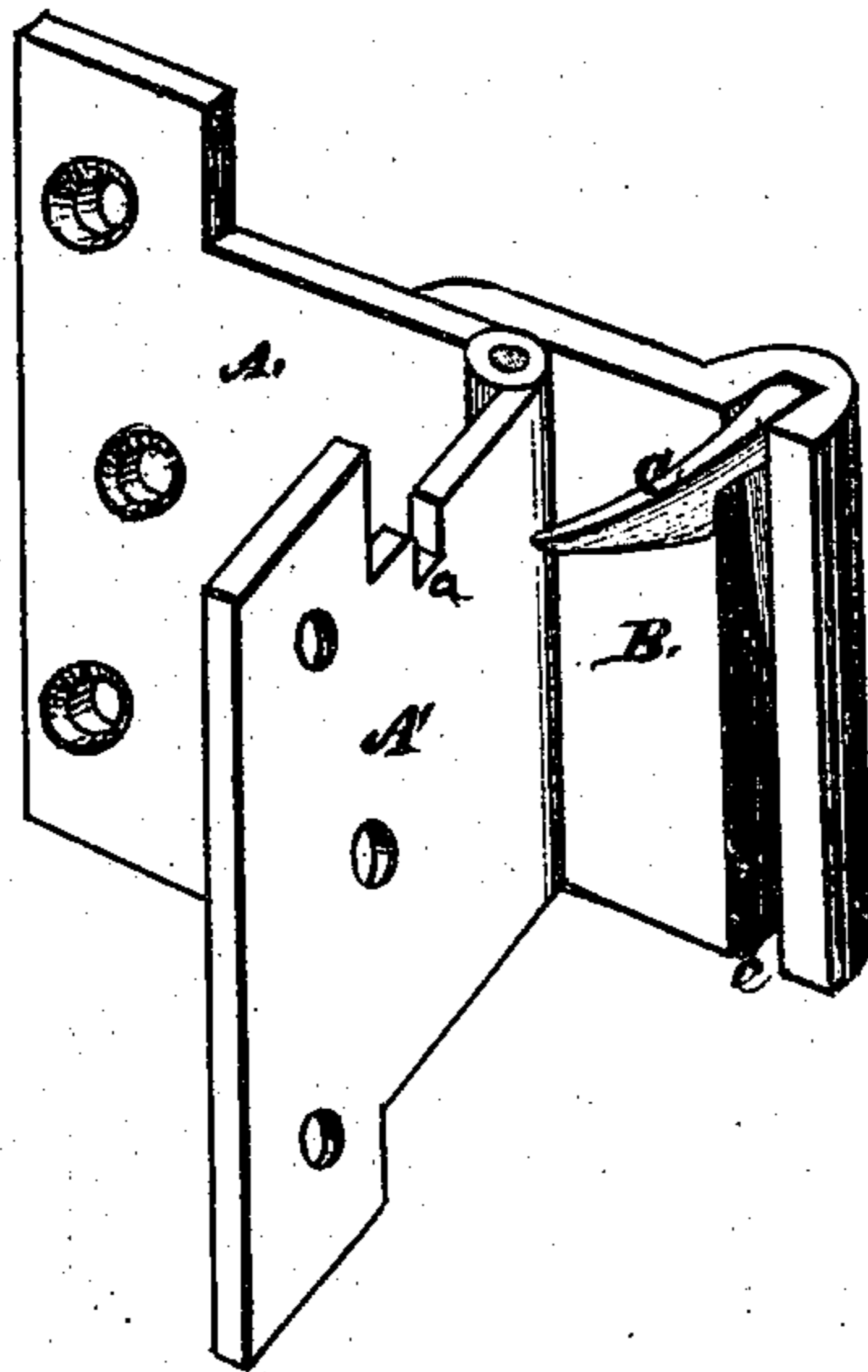


Fig. 2.

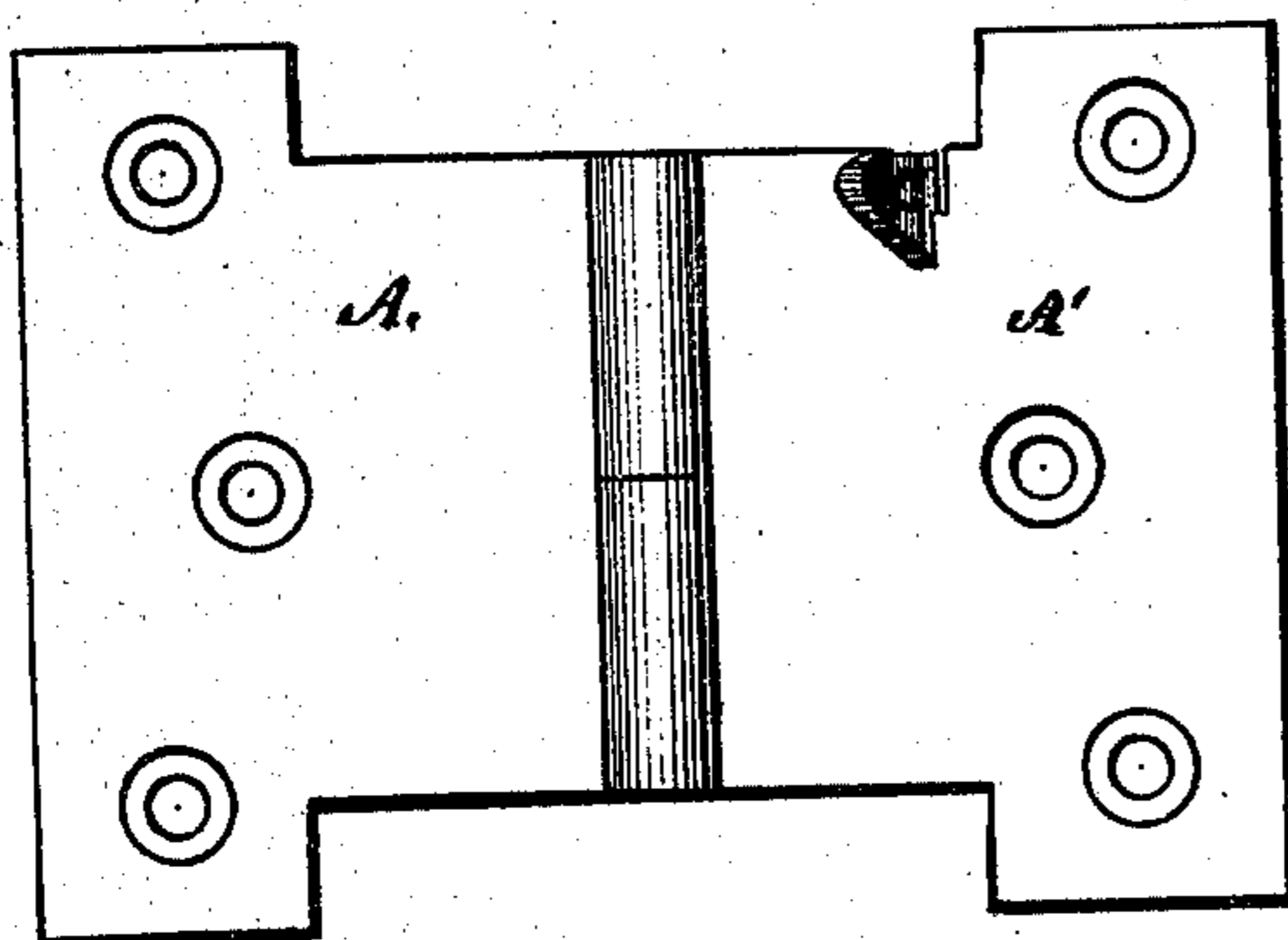


Fig. 3.



Witnesses.

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Inventor.

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United States Patent Office.

ADOLF ECCARD, OF WASHINGTON, DISTRICT OF COLUMBIA.

Letters Patent No. 105,441, dated July 19, 1870.

IMPROVEMENT IN HINGES FOR BLINDS.

The Schedule referred to in these Letters Patent and making part of the same

To all whom it may concern:

Be it known that I, ADOLF ECCARD, of Washington, in the District of Columbia, have invented certain new and useful Improvements in Hinges for Window-Blinds; and the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing making part of this specification, in which—

Figure 1 represents a perspective view of the hinge partly open.

Figure 2 shows the hinge spread open and latched.

Figure 3 shows an endwise view of the same, opened and latched.

My invention relates to shutter and window-blind hinges, and the object of which is to latch or fasten the blinds, when thrown open, so that they cannot rattle, or slam, or be closed by the action of the wind.

My invention consists, simply, in the arrangement and combination of a right angle latch-lever, so secured, to one of the leaves of the hinge, as to fasten the blind open, and, by the lifting of the latch, the lever end will partially close the blind.

To enable others to make and use my improved blind-hinges, I will describe them more fully, referring to the drawing and to the letters of reference marked thereon.

The hinges are made of cast-iron, the two leaves A A' being of any desired size or shape, and are secured to the window-casing, and the blind by wood screws, in the usual manner. On the half, or the part that is to be secured to the window-casing, there is a projecting leaf, B, in which is cast a vertical groove, b, near the outward edge, in which the latch C is pivoted, a portion of the latch extending down from the

pivot c to form a right angle lever, D, as shown in dotted lines in Figure 3.

In the corresponding leaf A' of the hinge is a notch, a, for the latch C to hook on when the blind or shutter is open.

When the latch is lifted, the lever D is brought to bear on the outside face of the hinge A', and partly closes the blind by bringing it round in such a position that it is easily closed by the hand without having to reach far out of the window.

The hinges will be made in pairs, right and left, and used as the lower hinge for each blind.

A modification of my improvement, whereby the same result can be produced, would be to hang the blinds or shutters on plain shutter-hinges or butts, and have the projecting leaf B, in which the latch C and lever D are secured, cast separately, and fitted to the casing of the window, and secured in such a relative position to the hinge that the latch C will catch over the top edge of the leaf A' and hold the blind open and help to close it, in the same manner as above described.

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

The combination of the latch C and right angle lever D, composed of one piece, and so arranged with the blind or shutter-hinges as to partially close the blind when lifted, substantially in the manner herein described.

In testimony whereof I hereunto subscribe my name.
ADOLF ECCARD.

Witnesses:

J. B. WOODRUFF,
JOHN SCHUTZBACH.