

(No Model.)

B. N. TORREY.
Window Screen.

No. 232,573.

Patented Sept. 21, 1880.

Fig. 1.

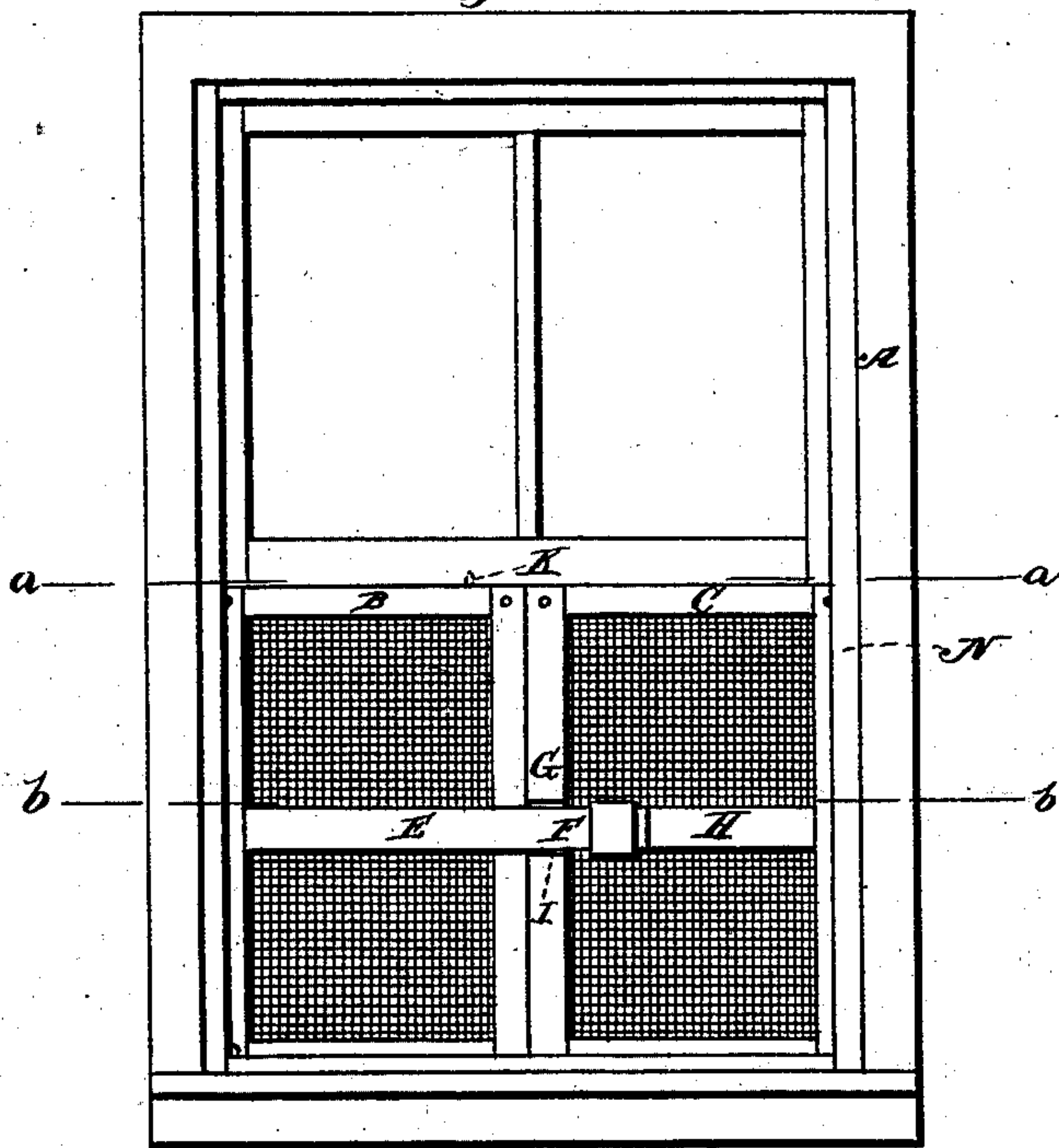


Fig. 2.

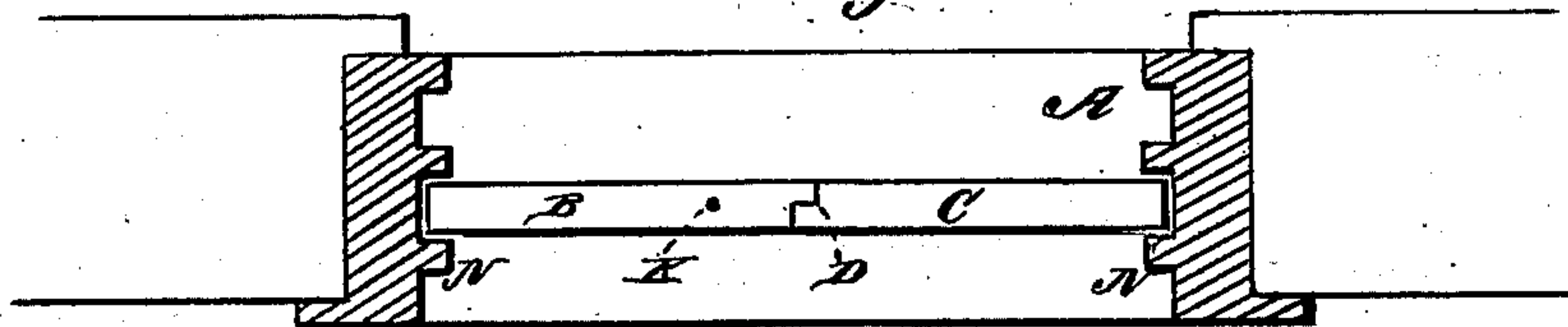
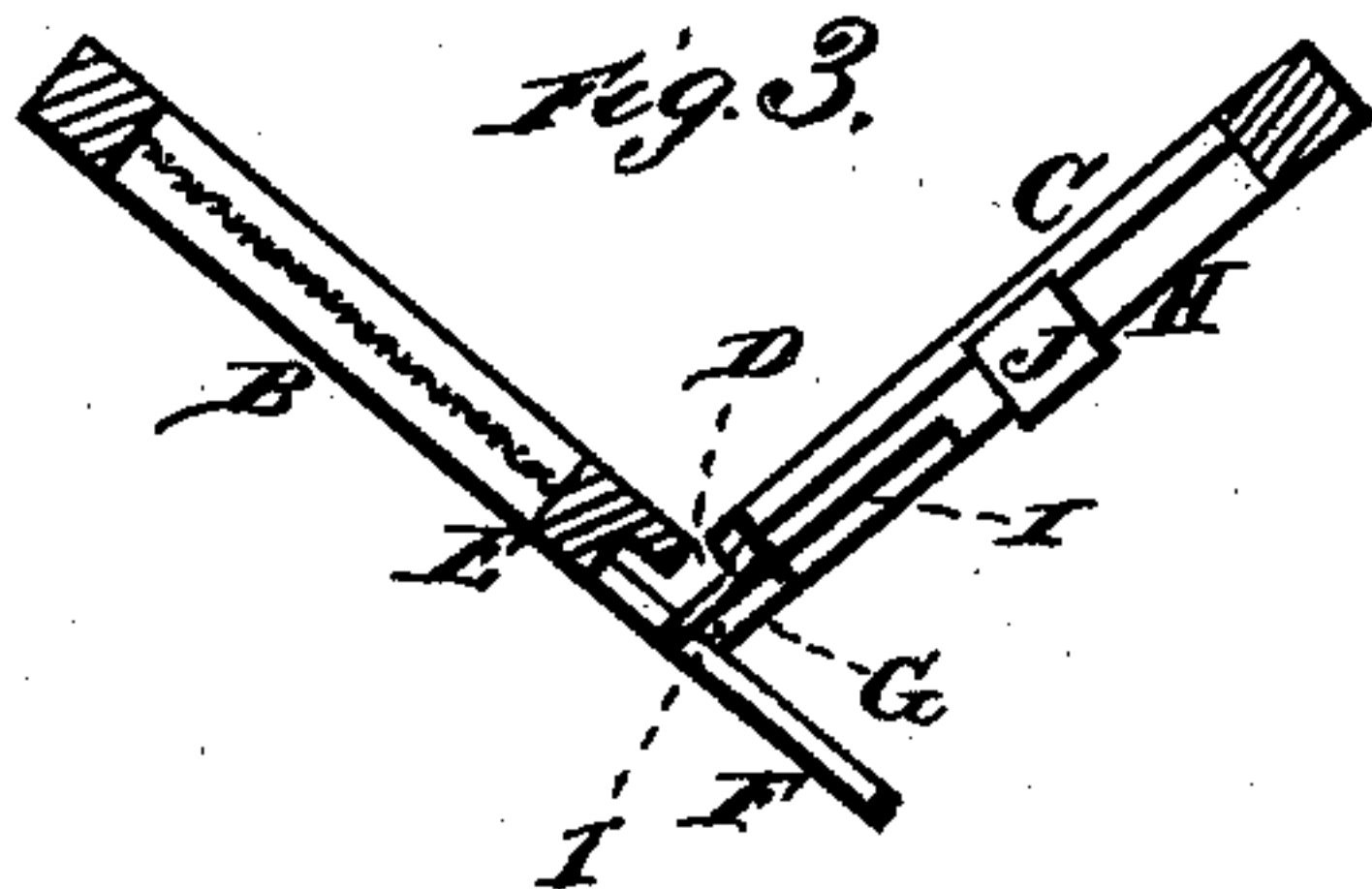


Fig. 3.



WITNESSES

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INVENTOR

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UNITED STATES PATENT OFFICE.

BARTLETT N. TORREY, OF CRESTON, IOWA, ASSIGNOR OF ONE-HALF OF
HIS RIGHT TO L. W. WINKLEY, OF SAME PLACE.

WINDOW-SCREEN.

SPECIFICATION forming part of Letters Patent No. 232,573, dated September 21, 1880.

Application filed July 27, 1880. (No model.)

To all whom it may concern:

Be it known that I, B. N. TORREY, a citizen of the United States, resident at Creston, in the county of Union and State of Iowa, have
5 invented certain new and useful Improvements in Window-Screens; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable
10 others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

This invention has relation to window-
15 screens; and it consists in the features of construction and combination hereinafter fully described, and particularly pointed out in the claims.

Figure 1 is a front elevation of a window
20 having my improved window-screen frame applied. Fig. 2 is a horizontal sectional view on line *a a*, Fig. 1; and Fig. 3 is a similar view on line *b b*, showing the screen-frame bowed inward in position to be inserted in place in the
25 window-frame.

Referring by letter to the drawings, A designates the window-frame in which the screen-frame is to be used to exclude insects and (using sufficiently heavy material) burglars,
30 and at the same time admit fresh air to the apartment in which it is employed.

The screen-frame is constructed in two parts, B and C, rabbeted on their inner edges, as at D, to form a joint when the parts are united.

35 The bar E of the part B is provided with a projecting arm, F, and the stile G and bar H of the part C are recessed at I to receive the projecting arm F. The arm F and the recess I are upon the inner side of the screen-frame.

40 The bar H of the part C is also provided with a metallic slide, J, which slides over the projecting arm F after the latter has been fitted

into the recess I to lock the parts B and C together in place.

Studs or pins K are provided in the edges 45 of the parts B and C, at the top and bottom, to enter the wood of the window-frame when the screen-frame is in place to assist in holding it there.

To insert the screen-frame, which is covered 50 in the usual manner with wire-gauze, it should be bowed inward until its outer edges will enter the spaces between the strips N of the window-frame, and be then pushed outward until the two parts are in the same vertical 55 plane in the window-frame and locked by pushing the slide over the arm F. The pins K also engage with the wood-work adjacent to them and assist in retaining the screen-frame in place. 60

The locking mechanism being on the inside, the screen-frame cannot be opened from the outside of the window, and is therefore a protection against burglars as well as insects.

This screen-frame is cheap, durable, and efficient, and its construction and operation will be readily understood from the foregoing description, when taken in connection with the accompanying drawings. 65

Having thus fully described my invention, 70 what I claim as new, and desire to secure by Letters Patent of the United States, is—

A window-screen constructed in two parts, B and C, rabbeted on their inner vertical edges, connected by an arm, F, projecting from 75 one part and fitting a recess, I, in the other, and locked by a metallic slide, J, when united substantially as and for the purposes set forth.

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

BARTLETT NORTON TORREY.

Witnesses:

J. B. HARSH,
HENRY A. GIVEN.