

(Model.)

R. BETTERMANN.
PORTABLE SASH SECURER.

No. 283,460.

Patented Aug. 21, 1883.

Fig. 1.

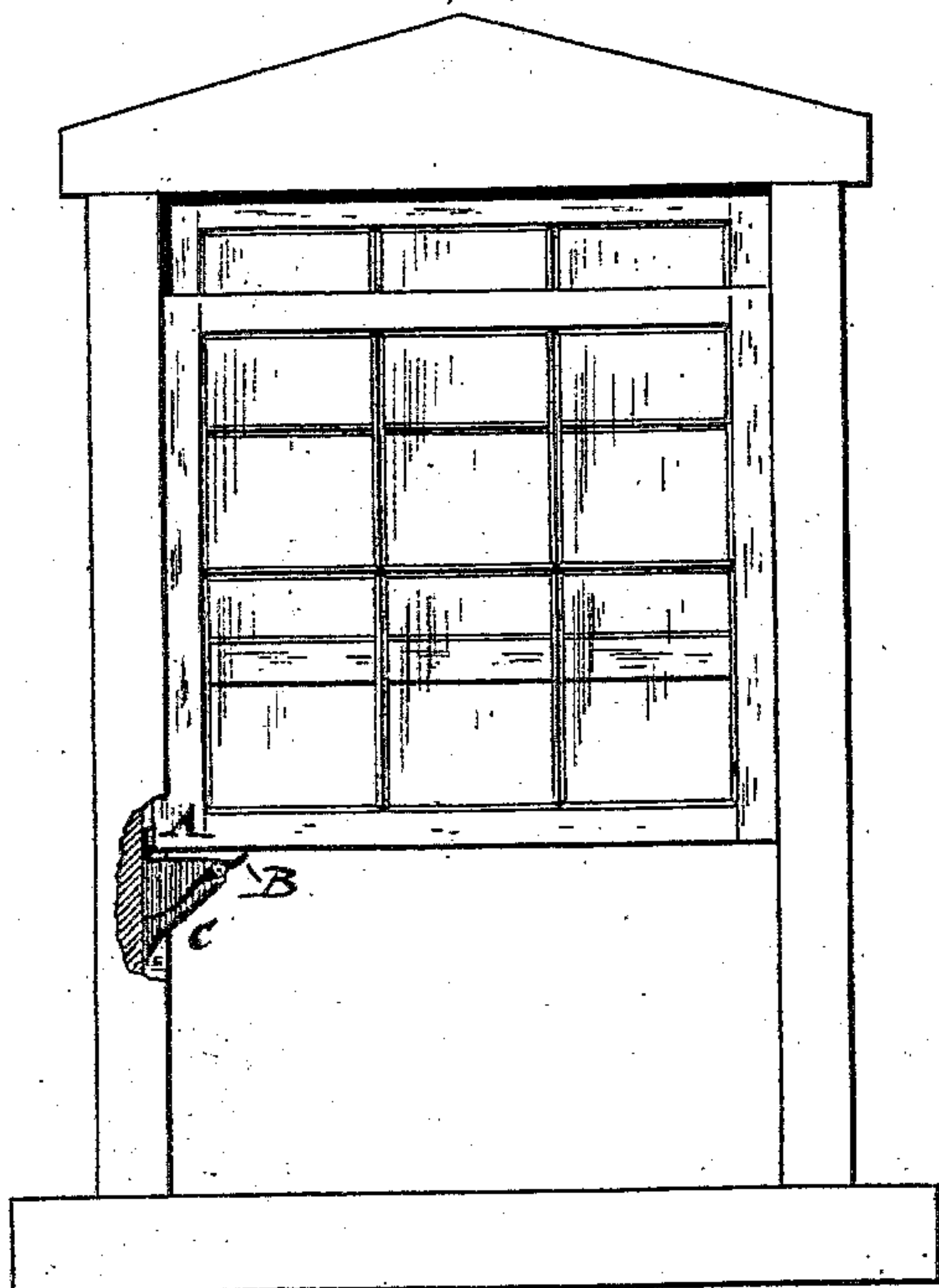


Fig. 2.

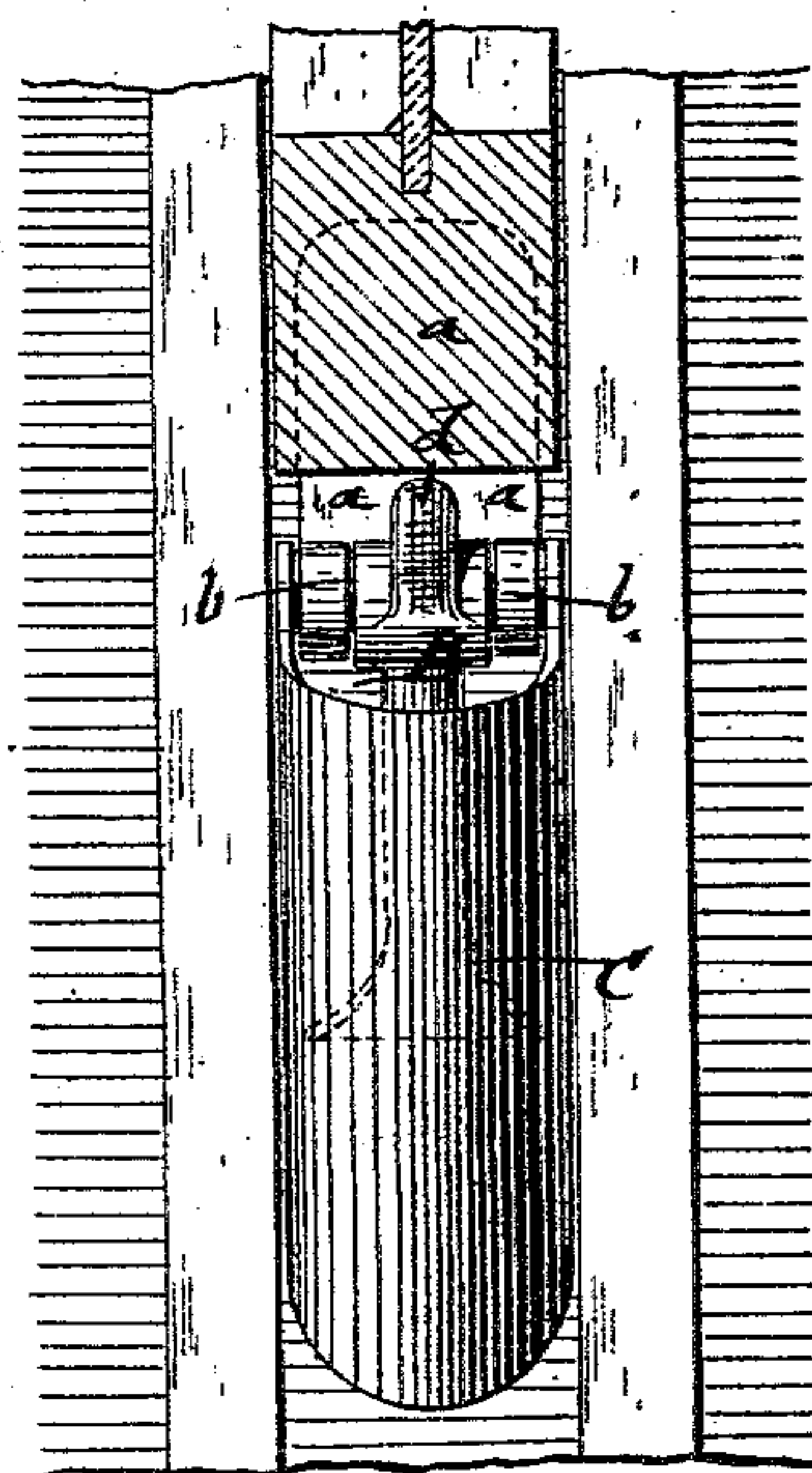
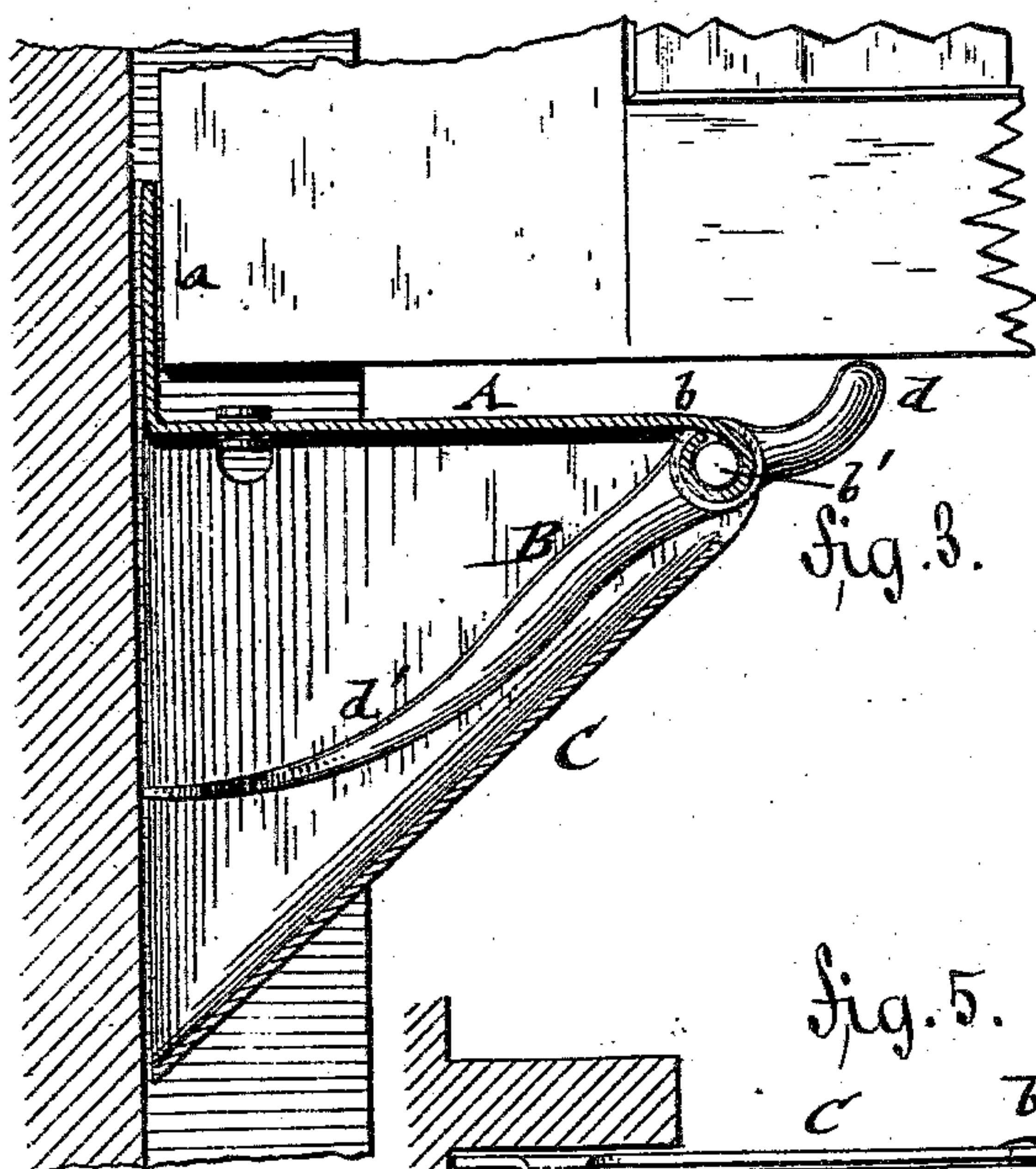
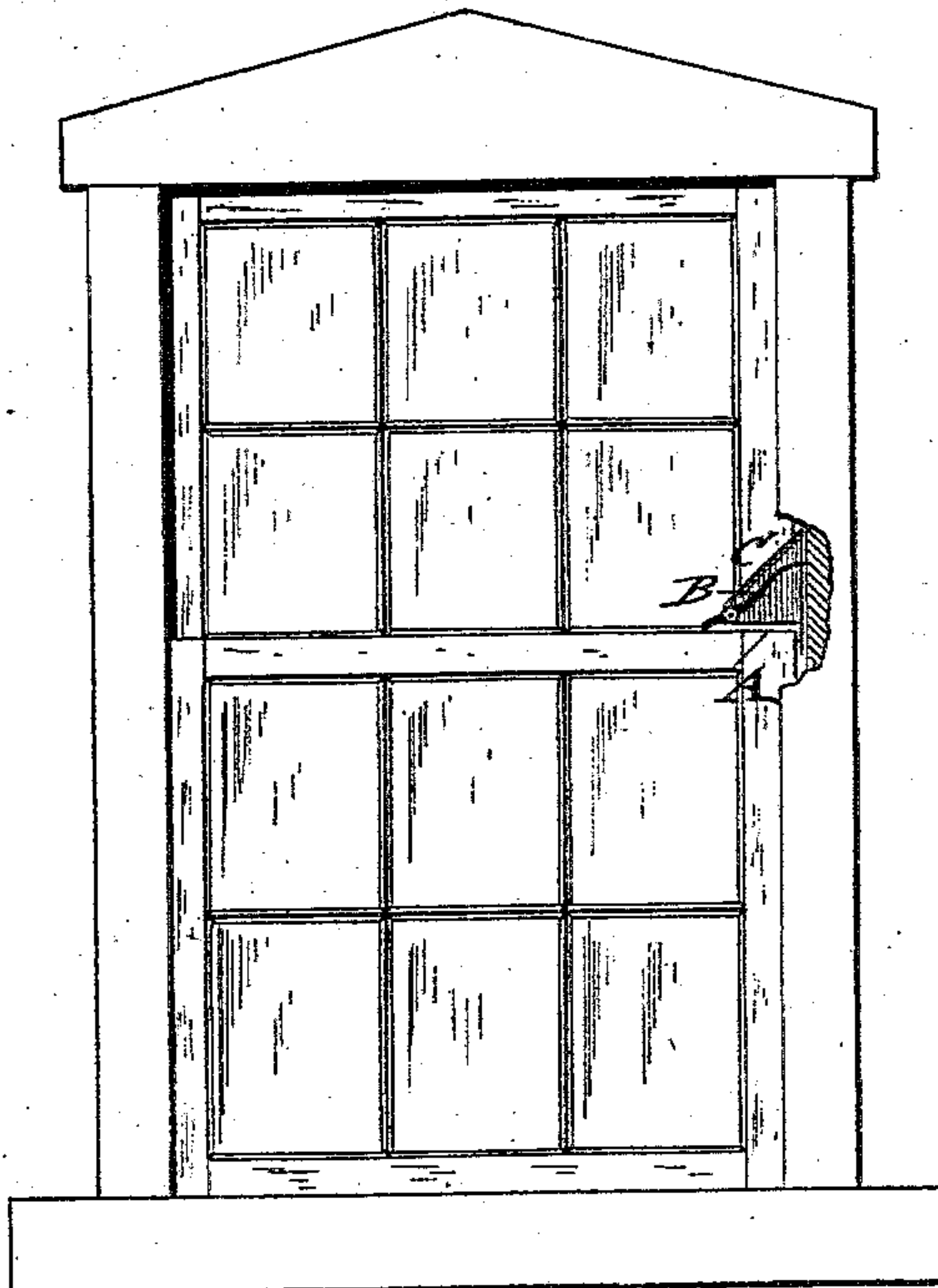
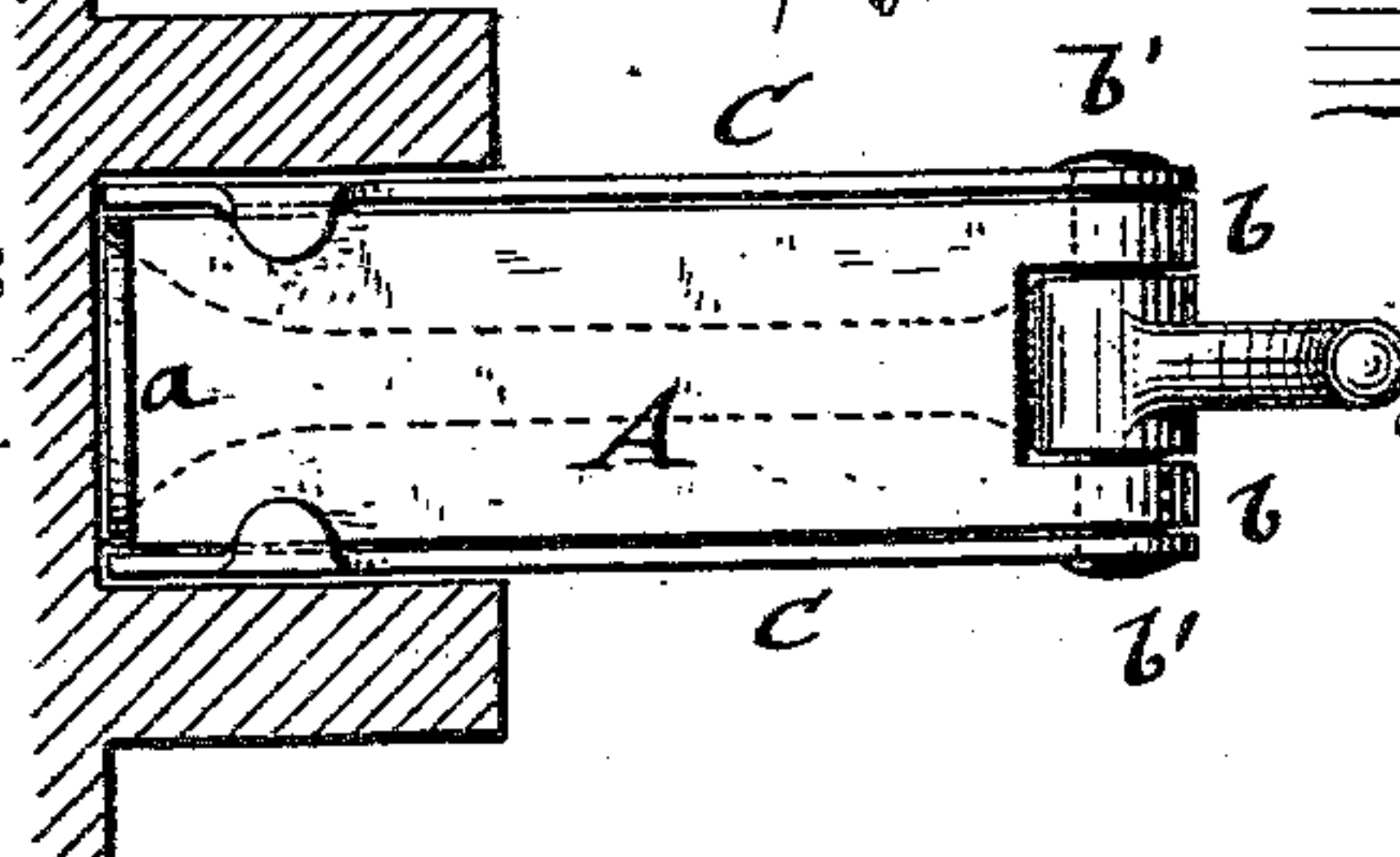


Fig. 5.



WITNESSES:

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REINHOLD BETTERMANN, OF CAMBRIA, PENNSYLVANIA.

PORTABLE SASH-SECURER.

SPECIFICATION forming part of Letters Patent No. 283,460, dated August 21, 1883.

Application filed June 15, 1883. (Model.)

To all whom it may concern:

Be it known that I, REINHOLD BETTERMANN, of Cambria, in the county of Cambria and State of Pennsylvania, have invented certain
5 new and useful Improvements in Window-Sash Fasteners, of which the following is a specification.

This invention has reference to an improved window-sash fastener, which can also be used
10 with advantage as a sash-lock; and it consists of a plate having a rectangular extension at one end, and a lever fulcrumed to the other end of the plate, the lower end of the lever being sharpened at its edge, so as to bite into
15 the guide-rail of the sash, while the shorter upper end projects above the plate and is acted upon by the sash.

In the accompanying drawings, Figures 1 and 2 represent a window-sash with my improved sash-fastener, showing the sash supported thereby in raised position, and also
20 locked in lowered position; and Figs. 3, 4, and 5 are respectively a vertical longitudinal section, an end view, and a plan of my improved sash-fastener.

Similar letters of reference indicate corresponding parts.

In the drawings, A represents a steel or other plate, which is bent up at one end at
30 right angles to the main part, so as to form a rectangular extension, *a*. The other end is bent so as to form eyes *b b*, to which the pivots *b' b'* of a lever, B, are applied. The upper rounded-off portion, *d*, of the fulcrumed lever
35 B extends above the plate A, while its longer downwardly-extending arm *d'* is made wider at its lower end and sharpened at the edge, so as to engage the guide-rail of the sash when the device is placed in position for use. A
40 sheet-metal casing, C, is attached by rivets or in any other suitable manner to the plate A, so as to incase the longer part of the lever B. The casing C is of triangular shape, and is
45 sash, so that the sharp lower end of the lever

B can project beyond the casing and engage said guide-rail.

The sash-fastener is used in the following manner: The sash is lifted and the upwardly-bent portion *a* of the plate A inserted between
50 the sash-frame and the sash guide-rail. The sash is then lowered so as to rest on the upper projecting end, *d*, of the lever B, its weight throwing the sharp lower edge of the lever against the sash guide-rail, so as to bite into
55 the same and support thereby the sash, as shown in Fig. 1. To lower the sash, it is first lifted, so as to permit the removal of the fastener. The fastener is then placed in an inverted position at one of the upper corners of
60 the sash, as shown in Fig. 2, in which position it forms a sash-lock when the sash is attempted to be opened from the outside.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—
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1. A sash-fastener consisting of a plate, A, bent in upward direction at one end, of a lever, B, that is hinged or fulcrumed to the opposite end of the plate, the shorter upper end of the lever extending above the plate, while
70 the edge of the lower end is sharpened to bite into the sash guide-rail, substantially as set forth.

2. A sash-fastener composed of a plate, A, being bent up at right angles at one end, a
75 lever, B, fulcrumed to the opposite end of the plate A, the upper end of said lever projecting above the plate, while the edge of the lower end is sharpened, and a casing, C, attached to the plate and adapted to inclose the
80 lower part of the lever B, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

REINHOLD BETTERMANN.

Witnesses:

CHARLES MANEVAL,
FRED. SCHMIDT.