

J. BISHOP.
Sash-Fasteners.

No. 135,396.

Patented Feb. 4, 1873.

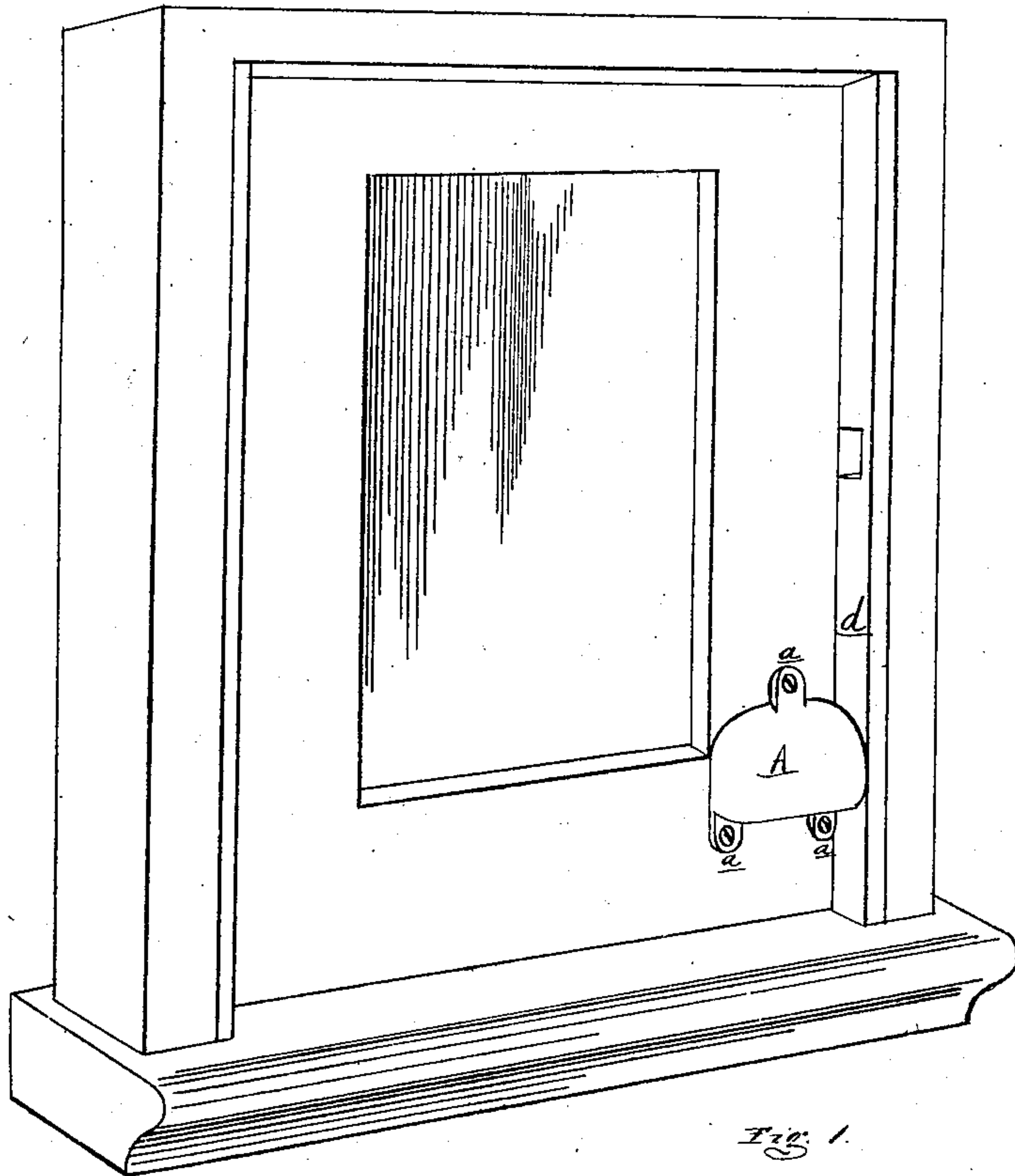


Fig. 1.

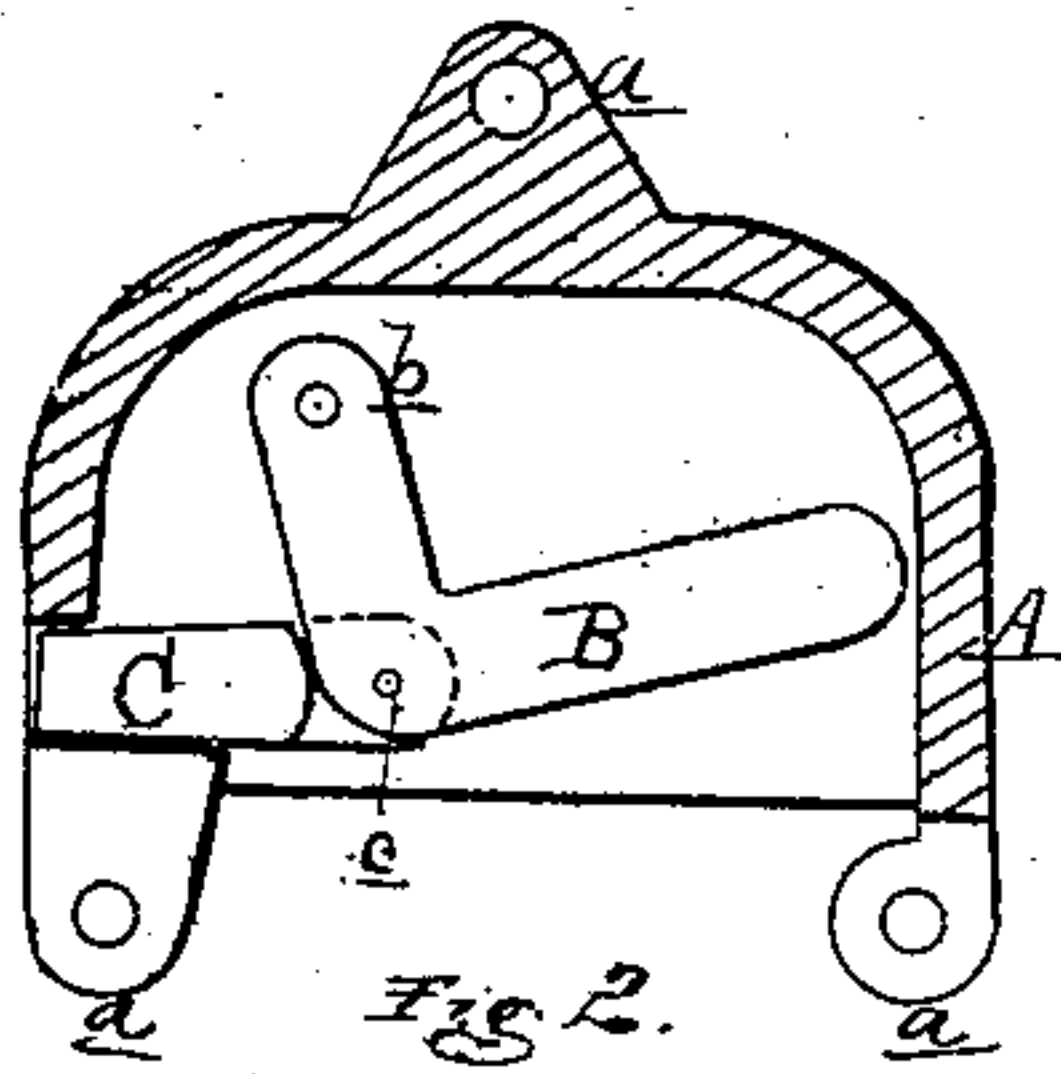


Fig. 2.

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UNITED STATES PATENT OFFICE.

JOHN BISHOP, OF NORTHVILLE, MICHIGAN.

IMPROVEMENT IN SASH-FASTENERS.

Specification forming part of Letters Patent No. 135,396, dated February 4, 1873.

To all whom it may concern:

Be it known that I, JOHN BISHOP, of Northville, in the county of Wayne and State of Michigan, have invented a new and useful Improvement in Sash-Locks; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon and being a part of this specification, in which—

Figure 1 is a perspective view of my device as applied to a sash; and Fig. 2 is an elevation of the inner face of the lock, showing the working parts.

Like letters refer to like parts in each figure.

The nature of this invention relates to an improvement in the construction of sash-locks which operate by the gravity of the bolt; its object being to provide a combined lift for the sash and bolt which can readily be applied to the sash without cutting it. The invention consists in the peculiar construction of a metallic lift containing a bell-crank and bolt, arranged and operating as more fully hereinafter set forth.

In the drawing, A represents a metallic lift, varying but slightly in form from similar lifts and drawer-pulls in general use, being provided with a lug, *a*, at each lower corner and

at the top, through which wood-screws pass to fasten it to the side rail of the sash. B, Fig. 2, is a bell-crank, having the extremity of its short arm pivoted in the upper corner of the lift A, nearest the window-casing, at *b*. C is a bolt, having its inner end pivoted to the angle of the bell-crank, at *c*, and plays through a horizontal slot in the side of the lift. The weight of the long arm of the bell-crank causes the bolt to protrude from the lift and to enter any socket or mortise in the parting-strip *d* of the window-frame, and thus lock the sash.

In raising or lowering the sash the operator naturally places one or more fingers under the lift A, and by raising the bell-crank withdraws the bolt and unlocks the sash.

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

The combination of the lifting-case A, slotted at its side and arranged upon the surface of the sash, the weighted bell-crank B, and fastening-bolt C pivoted thereto, when these latter are concealed within the case, all substantially as described and shown, for the purpose set forth.

JOHN BISHOP.

Witnesses:

H. F. EBERTS,
H. S. SPRAGUE.