

J. Jones,
Shutter Worker.
N^o 7,856. Patented Dec. 24, 1850.

Fig. 1.

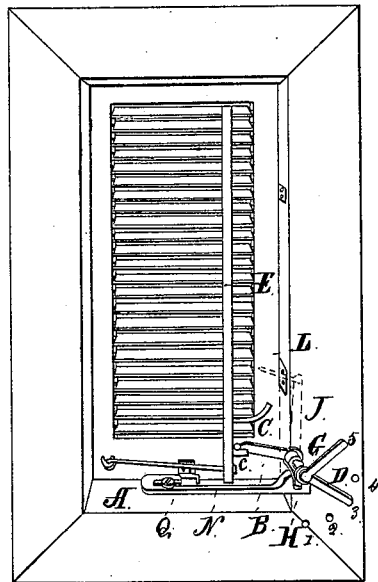


Fig. 2.

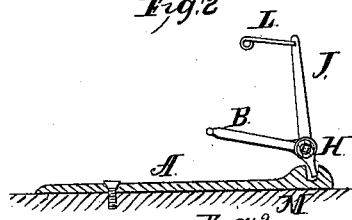
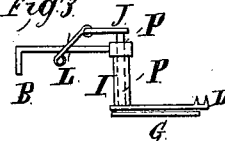


Fig. 3.



UNITED STATES PATENT OFFICE.

JOHN JONES, OF CLYDE, NEW YORK.

APPARATUS FOR OPERATING WINDOW-BLINDS AND THEIR SLATS.

Specification of Letters Patent No. 7,856, dated December 24, 1850.

To all whom it may concern:

Be it known that I, JOHN JONES, of Clyde, in the county of Wayne and State of New York, have invented a new and Improved
5 Mode of Opening, Closing, and Fastening Window-Blinds; and I do hereby declare that the following is a full and exact description thereof, reference being had to the annexed drawings, making a part of
10 this specification, in which—

Figure 1 represents an interior elevation of the window casing and blind, in the position as locked and the blind slats open. Fig. 2 is a sectional view, showing the locking bar
15 arm, for opening and closing the slats of the blind and the arm for opening and closing the blind. Fig. 3 is a plan of same, showing more clearly the hollow shaft and arms and handles for actuating the appa-
20 ratus.

The nature of my invention consists in an arrangement, by which the blind or slats may be opened and closed and the blind locked from the inside of the building with-
25 out raising the sash.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

I construct my window frame in any of
30 the known forms, and make the blind as pivot blinds are generally made, I then bore a hole through the window frame as shown Fig. 1, on a line with the inside of the blind, I cut a mortise into this hole large enough
35 to receive the arms B H. The arms B H have a square hole at their center into which I insert the hollow shaft I, to which is connected the lever D. I then insert the shaft P into the hollow shaft I and let it project
40 through the window frame far enough to receive the lever J, the other end of the lever J being connected to the blind by means of the rod L. I also have a lever on

the inside of the building attached to the shaft P as shown at G Fig. 3 by which the
45 blind is opened and closed. I also have a bolt A sliding on the window sill, having a slot in one end which hooks in the bracket N when the blind is locked, the bracket N being
50 attached to the blind, the other end of the bolt A having two projections, between which the arm H projects, which arm moves the bolt when the lever D is moved. I also have two pins C C in the rod E which project
55 out far enough for the lever B to hit against by which means the slats are opened and closed as shown in Fig. 1. By moving the lever D to No. 2 the slats are closed and by moving it to No. 1 the blind is unlocked, and
60 by moving the lever G to No. 4 the blind is opened. This apparatus may be arranged high enough to bring the locking bolt on the bottom of the upper sash and accomplish the same purposes herein described.

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

1. The combination of the shaft P having two levers J G thereto attached, with the connecting rod L attached to the blind or shutter, the whole arranged substantially as
70 herein described and constituting a blind or shutter opener.

2. I also claim in combination the hollow shaft I having a lever D at one end of the same, and two arms B H at its other ex-
75 tremity; the bolt A with its bracket N and slot Q; and the two pins c c attached to the blind rod E the whole forming an apparatus for working the slats and fastening the blind when closed substantially as herein de-
80 scribed.

JOHN JONES.

Witnesses:

JOHN L. SMITH,
C. SOFFURE.