E. H. Tobey,

Window Pull,

No. 78,844. Patented June 9, 1868.

Fig. 1.

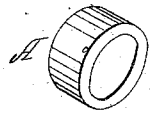


Fig. 2.

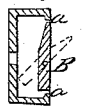


Fig. 3.

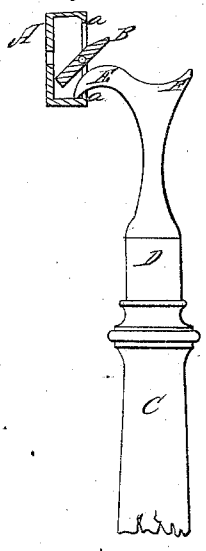
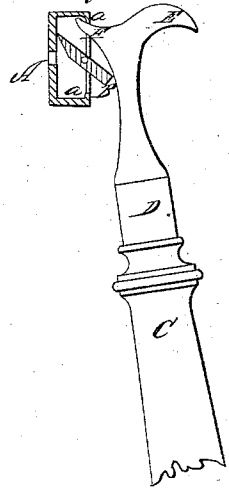


Fig. 4.



Witnesses:

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ELISHA H. TOBEY, OF BRIDGEPORT, CONNECTICUT, ASSIGNOR TO HIMSELF AND A. R. HALE, OF SAME PLACE.

Letters Patent No. 78,844, *dated June* 9, 1868.

IMPROVED DEVICE FOR RAISING AND LOWERING WINDOWS.

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, ELISHA H. TOBEY, of Bridgeport, in the county of Fairfield, and State of Connecticut, have invented a new Device for Raising and Lowering Windows; and I do hereby declare the following, when taken in connection with the accompanying drawings, and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a perspective view of the socket,

Figure 2 a vertical central section of the same, and in

Figures 3 and 4, the instrument and manner of its use.

The object of this invention is to afford a simple and convenient means for raising and lowering the upper sash of windows.

The difficulty which attends the opening of the upper sash is too well known to require explanation. Generally above the reach of persons who desire to open the window, various means are resorted to, all of which are inconvenient, if not injurious to the sash itself. The necessary climbing in order to reach the sash endangers the person making the attempt. By my invention a simple and easy method is afforded for accomplishing the object, and consists in the construction of a socket for insertion into the face of the sash, and an instrument provided with two projecting points, the one turned up for raising the sash, and the other down for lowering the sash, by being placed in the socket accordingly as the sash is to be raised or lowered.

To enable others to construct and use my improvement, I will proceed to describe the same as illustrated in the accompanying drawings.

A is the socket, constructed from any suitable metal, so as to leave a cavity in front, and that cavity surrounded by a flange or rim, *a*, projecting inward. This socket is placed in the sash so as to be nearly or quite flush with the face of the sash, and in order to close the socket, (if such is desirable,) I arrange a flush-plate, B, hung centrally in the socket, and so as by its own gravity to stand in a perpendicular position and close the socket, as seen in fig. 2. This may make a better-appearing job, but is not essential.

On to a suitable rod, C, I fix a shank, D, on which are formed two hooks E and F, the one, E, being turned downward, and the one, F, upward. The use of this instrument is as follows: To lower the sash, insert the hook E into the socket, as seen in fig. 3, and pull down the window, the rim *a* in the socket serving to hold the hook in the socket. To raise the sash, place the other hook F into the socket, as seen in fig. 4, and push up the window; the insertion of the hook will turn the flush-plate, as denoted in figs. 3 and 4, so as to permit the proper insertion of the hook.

Having thus fully described my invention, what I claim as new and useful, and desire to secure by Letters Patent, is—

As an article of manufacture, the socket A, constructed with the internal flange or rim *a*, and with or without the flush-plate B, and so as to be applied to the sash, substantially as set forth.

E. H. TOBEY.

Witnesses:

JOHN E. EARLE,

J. H. SHUMWAY.