Sept. 13, 1932. G. BODEN 1,876,556

WINDOW LOCKING DEVICE

Filed Sept. 18, 1931

Fig. 1.

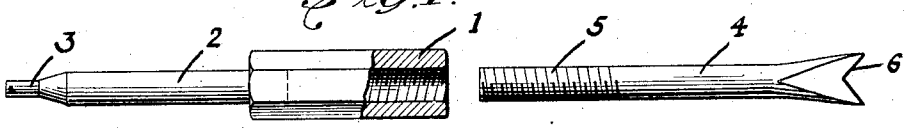


Fig. 2.

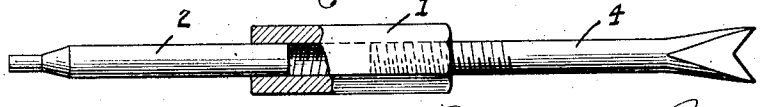


Fig. 3.

Fig. 4.

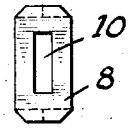


Fig. 5.

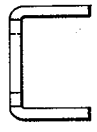
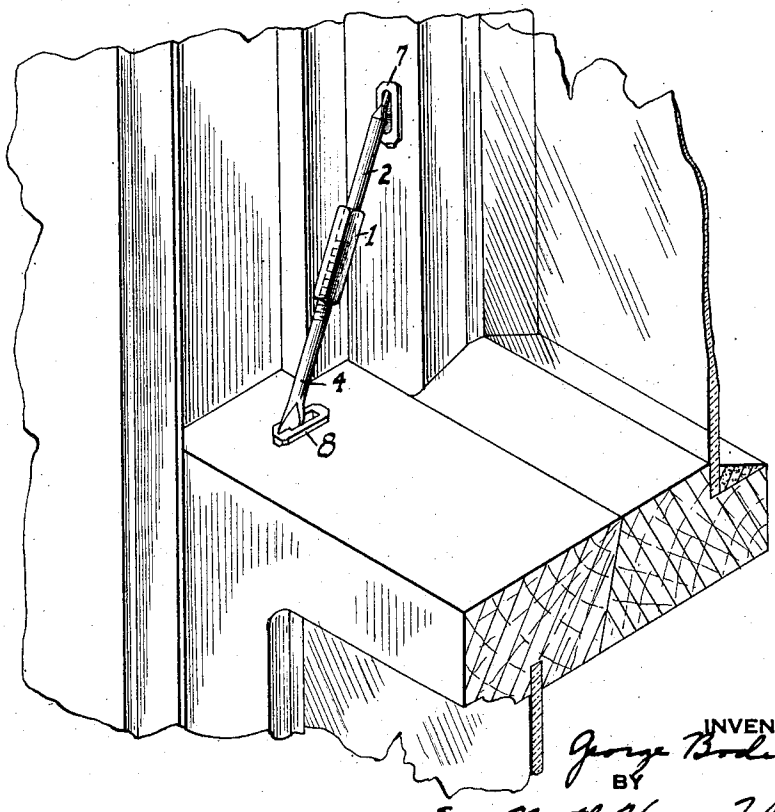


Fig. 6.



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Patented Sept. 13, 1932 1,876,556

UNITED STATES PATENT OFFICE

GEORGE BODEN, OF WATERBURY, CONNECTICUT, ASSIGNOR TO SCOVILL MANUFACTURING COMPANY, OF WATERBURY, CONNECTICUT, A CORPORATION OF CONNECTICUT

WINDOW LOCKING DEVICE

Application filed September 18, 1931. Serial No. 563,472.

This invention relates to window locking devices.

It is an objection of the invention to provide a window locking device of the expansible type which shall be simple in construction, and which may be operated with one hand to lock or unlock a window.

Other objects and advantages of the invention will appear hereinafter.

A preferred embodiment of the invention selected for purposes of illustration is shown in the accompanying drawing, in which,

Figure 1 is a side elevation, partly in section, showing the two parts of the locking device.

Figure 2 is a similar view, partly in section, showing the parts assembled.

Figures 3, 4 and 5 are front and side elevations of staples.

Figure 6 is a perspective view showing the method of using the device.

Referring to the drawing, the device comprises an internally threaded sleeve or nut 1, having rigidly secured in one end thereof a rod 2 having a substantially pointed end 3.

The rod 4 is also provided having a threaded end 5 adopted to mesh with the internal threads of the sleeve 1, and the outer end of the said rod is flattened and provided with a notch 6 for a purpose hereinafter described.

When it is desired to use the locking device, the staples 7 and 8 are driven into the window frames in the manner shown in Figure 6, being spaced apart a distance capable of being spanned by the lock. The said staples are provided with elongated apertures, the aperture 9 in the staple 7 preferably having rounded ends, and the aperture 10 in the staple 8 preferably having squared ends. The assembled lock is then placed in position, the notched end 6 of the rod 4 being first inserted in the aperture 10 of the staple 8 so as to hold the said rod against rotation. The pointed end 3 of the rod 2 is then brought into proximity with the aperture 9 of staple 7, and by turning the nut 1 and rod 2 the lock may be expanded until the pointed end 3 is wedged tightly into the end of the aperture 7, in which position, of course, the window sashes can not be moved. It will be observed that due to the fact that the lock comprises only two relatively movable pieces, one of which is prevented from rotation by engagement of its notched end with a fixed staple, the entire operation of locking or unlocking may be performed with one hand, which is of considerable advantage under some circumstances.

In order that the nut 1 may be easily rotated it may be shaped polygonally, as shown, or may be knurled.

It will be understood that the invention may be variously modified and embodied within the scope of the subjoined claims.

I claim as my invention:

1. A window locking device comprising, a pair of staples adapted to be secured to opposite sashes, said staples each having a slot therein, and an extensible member consisting of two threaded parts, one of said parts having a notched end adapted to engage the slot in one of said staples and held against rotation therein, and the other of said parts having a substantially pointed end adapted to engage the slot in the other of said staples and permitted to rotate therein.

2. A window locking device comprising, two staples adapted to be secured to opposite sashes, said staples each having means adapted to be engaged by an extensible member, and an extensible member consisting of two threaded parts, one of said parts having a notched end adapted to engage one of said staples and held against rotation thereby, and the other of said parts having a substantially pointed end adapted to engage the other of said staples and permitted to rotate therein.

In testimony whereof, I have signed my name to this specification this 14th day of September, 1931.

GEORGE BODEN.