

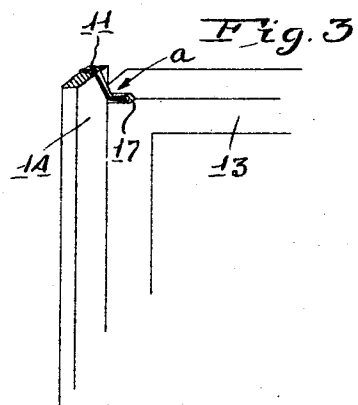
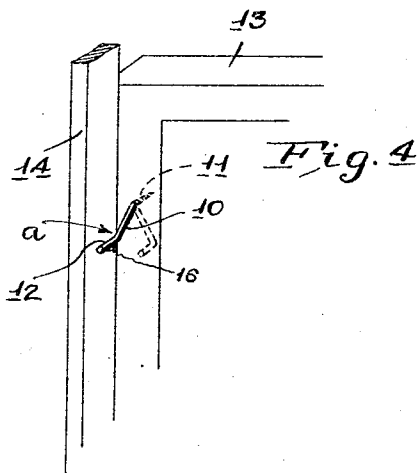
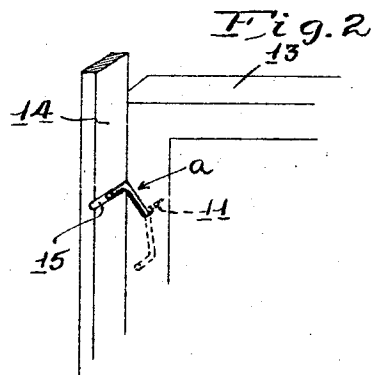
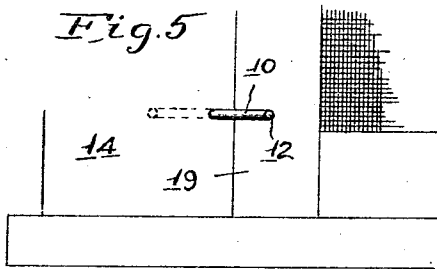
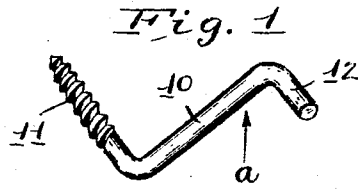
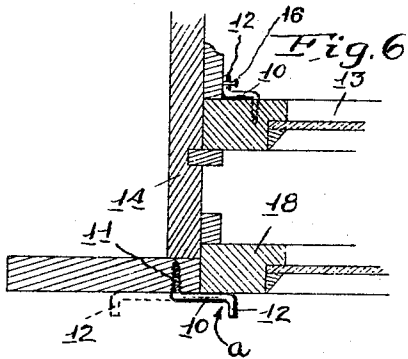
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N. R. ENGLAND

WINDOW FASTENER

Filed July 25, 1922

1,520,180



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UNITED STATES PATENT OFFICE.

NATHAN ROLAND ENGLAND, OF APPLETON, MINNESOTA.

WINDOW FASTENER.

Application filed July 25, 1922. Serial No. 577,326.

To all whom it may concern:

Be it known that I, NATHAN ROLAND ENGLAND, a citizen of the United States, residing at Appleton, in the county of Swift and State of Minnesota, have invented a new and useful Window Fastener, of which the following is a specification.

My invention relates to improvements in window fasteners.

Its object is to provide a simple and inexpensive article of the present nature, which is quickly and easily put into use and readily manipulated in its various positions.

A further and more specific object is to supply a window fastener including means for applying and manipulating the same, said means serving additionally in the fastening operation.

With the foregoing and other objects in view, which will appear in the following description, the invention resides in the novel combination and arrangement of parts and in the details of construction hereinafter described and claimed.

In the drawings, Fig. 1 is a perspective view of a fastener embodying my invention; Fig. 2 is a perspective view showing the fastener employed in securing a window sash against upward movement; Fig. 3 is a similar view showing a different arrangement of the fastener for the same purpose; Fig. 4 is also a perspective view, the same showing the fastener so arranged as to secure a window sash against downward movement; Fig. 5 is a plan view illustrating the fastener in position securing a window screen within a window frame and Fig. 6 is a sectional view taken through a storm sash, an inner sliding sash and window frame, fasteners being shown in sash securing positions.

Referring first to Fig. 1 of the drawing, it will be observed that my improvement comprises a shank 10 having opposed terminals 11 and 12 bent at right angles with respect thereto, the terminal 11 being formed with threads and resembling the usual wood screw. The shank 10 and terminal 12 comprise a crank *a*, said terminal 12 serving as a finger hold. My fastener has various modes of application. For use in securing a sliding sash 13 against movement within its frame 14, the screw portion 11 may be screwed into the sash (Figs. 2, 4 and 6) by turning the crank *a* thereon. With said

turns the crank *a* into inclined position with the finger hold or terminal portion 12 bearing against the frame 14. If the sash 13 is to be secured against upward movement, the crank *a* is turned into upwardly inclined relation (Figs. 2 and 6), but if the sash 13 is to be secured against lowering movement the crank *a* is turned into downwardly inclined relation (Fig. 3). Notches 15 (Fig. 2) may be cut in the frame 14 or pins 16 (Fig. 4) driven therein to form abutments for the terminal 12. As clearly shown in Figs. 2, 3 and 4 the terminal end 12 forms a latch and functions with a latching action in cooperation with the notches 15 and 17 and the pin 16. Such notches or pins, however, may be dispensed with and the desired action of the fastener procured by limiting the inclination of the crank *a* and thereby attaining a cam-like grip between the terminal 12 and frame 14.

In Fig. 3, the method of application involves the anchoring of the screw portion 11 in the frame 14, the crank *a* serving to engage the sash 13. Notches, as at 17, may be cut in the sash to receive the terminal 12. In fastening storm sash 18 or screens 19 in frames 14 (Figs. 5 and 6), the screw portions 11 are anchored in the frames 14 and the cranks *a* turned to position overreaching the sash or screen. Owing to its threaded anchorage, the fastener is capable of clamping a sash or screen firmly in place and at the same time is easily disengaged therefrom by a turn of the crank in the appropriate direction. The article is easily turned from all of its various fastening positions by means of the finger hold terminal 12.

Having described my invention, what I claim as new and desire to protect by Letters Patent is:

1. An article of manufacture constituting a lock for a window comprising a rigid integral rod having a straight intermediate portion, an end portion bent at a right angle to said intermediate portion tapering to a point and provided with threads throughout the greater portion of its length, and another short straight end portion bent at a right angle to said intermediate portion in a direction opposite to said first mentioned end portion and having its terminal portion directed in such direction and forming, in effect, a crank handle and latch adapted to be held between the fingers and thumb to turn the device about the axis of the first

mentioned end portion to screw said first mentioned end portion into place and also adapted to engage a pin or notch, all of said portions being disposed substantially in one
5 plane.

2. In combination with a sliding window sash and the frame thereof, of a pin projecting from the frame adjacent and parallel to the sash, and a rigid round rod having a straight portion swinging in close
10 proximity and parallel to the sash having one end bent substantially at a right angle

and threaded into said sash securing the member pivotally thereto and having its other and outer end bent substantially at a
15 right angle to form a handle, said handle being engageable with the top of said pin when said straight portion of said member is above and also when the same is below
20 said pin.

In testimony whereof, I have signed my name to this specification.

NATHAN ROLAND ENGLAND.