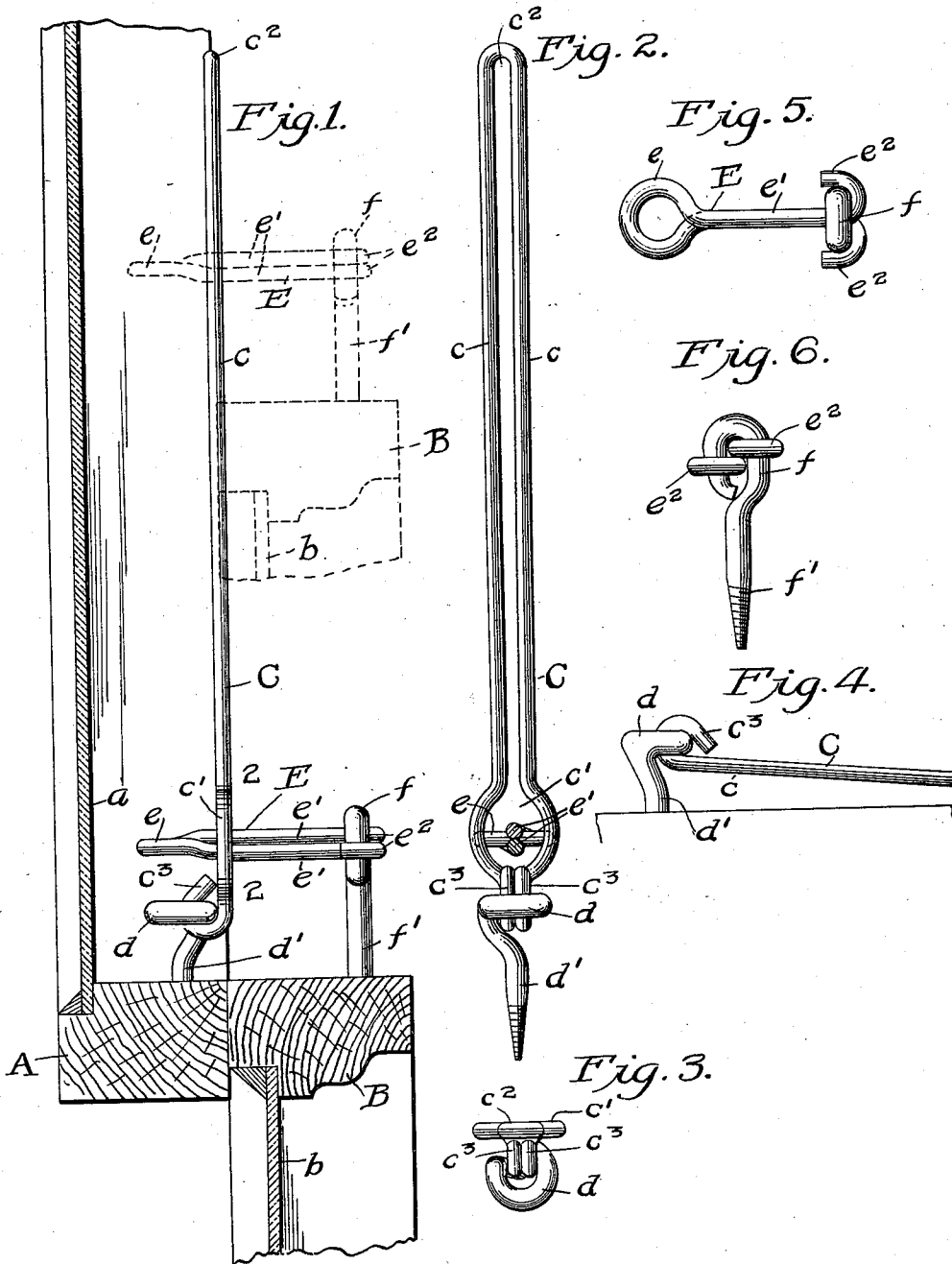


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WINDOW LOCK.
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1,029,011.

Patented June 11, 1912.



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RICHARD K. HALDANE, OF SANFORD, FLORIDA.

WINDOW-LOCK.

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Specification of Letters Patent.

Patented June 11, 1912.

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To all whom it may concern:

Be it known that I, RICHARD K. HALDANE, a citizen of the United States, and resident of Sanford, in the county of Orange and State of Florida, have invented certain new and useful Improvements in Window-Locks, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof.

The invention relates to that class of window locks or fasteners which permit of raising or lowering the sash within certain limits for purposes of ventilation while affording security against the intrusion or entrance of burglars, the object of the invention being to produce a simple and effective window-lock or fastener which can be readily attached to the sash and locked or loosened at will.

The invention consists of component parts which coact in producing the desired result, and, as its main features or elements, it comprises a headed fastener and a yoke adapted to admit and retain the fastener, while permitting it to move up or down within certain limits, the yoke and fastener being attached to the upper and lower sash by suitable connections, as hereinafter more fully described and claimed with due latitude for variations in the makeup.

In the accompanying drawings Figure 1, is an elevation of a section or portion of the upper and lower sash closed, and with the lock attached in a locked position, and shows by dotted lines, a changed relative position of the fastener with respect to the yoke, such as would be assumed on raising the lower sash somewhat short of the limit of movement permitted. Fig. 2 is a front elevation of the lock detached from the window sash and shows the fastener wires in section with the head thereof partly in full and partly, by dotted lines, behind the wires which form the loop through which the head passes in and out for locking and unlocking; the screw for attaching the yoke element being turned in a somewhat different position with respect to the swivel from that shown by Fig. 1. Fig. 3 is a plan view of the yoke and connecting screw, and Fig. 4 is a side view of the screw and part of the yoke and sash when the fastener is unlocked and the yoke turned down. Figs.

5 and 6 are respectively a plan and end elevation of the fastener and screw for connecting it with the sash.

In these drawings A represents the lower rail of the upper sash and *a* one of the panes of glass therein; the upper rail B of the lower sash is shown adjacent to the rail A, as when the window is closed and *b* represents a pane of glass in the lower sash.

The yoke C is shown as being made of wire bent so as to form proximate or nearly parallel sides *c*, which curve outwardly or diverge so as to form an enlargement or eye *c'*, near the lower end. The two sides *c c* form a bow *c²* at the top, and their adjacent ends *c³*, *c³* are bent around so as to form a swivel connection with a horizontal eye *d* at the top of a wire screw having a threaded shank *d'* to be screwed into the sash rail A as illustrated in Fig. 1. The swivel permits turning in different directions and allows the yoke or long part to lie flat on the rail when unlocked. The fastener E is also preferably made of wire which is shown as being bent so as to form a head *e*, by a twist or loop at its middle, and from this head the parts *e'* *e'* of the wire continue close together, one above the other forming a vertical, as distinguished from the horizontal, broadside of the head *e*. The ends *e² e²* of the wire are curved or form hooks which diverge horizontally as seen in Fig. 5.

The fastener E, is connected by its curved ends *e² e²* with an eye *f* at the upper end of a screw having a threaded end *f'* by which the fastener connects with the sash rail B as shown in Fig. 1. The head *e* of the fastener is of a size which permits it to be forced or pushed through the eye *c'* of the yoke C, in which position the parts are locked, and the shank of the fastener formed by the parts *e' e'*, lying one above the other, may slide up and down between the parallel or spring sides *c, c* of the yoke C, during the raising or lowering of the window within the limits of movement permitted by the yoke, a convenient distance being, say, six inches.

It will be observed that when the parts are formed of wire and arranged as shown, the window is closed at the time of either locking or unlocking them, and when in

this position there is no room between the upper and lower sash for tampering with them from the outside.

It is obvious that variations may be made from the precise form shown as the best contemplated mode of applying the principle of the invention.

It is not essential that the parts be made of wire, nor that the yoke be the longer of the two main parts, as they may be reversed and changes made accordingly.

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

15 1. A window lock comprising a headed fastener, means for attaching the same to one of the sash rails, a yoke having yielding sides, an eye located in the bow of said yoke and adapted for receiving the head of the
20 fastener, and means for attaching said yoke

on a sash rail adjacent to said fastener, said yoke being provided with a swivel connected with the attacher for said yoke whereby the same may be turned up to the lock position, or down and around on the sash rail when
25 unlocked.

2. A window lock comprising a yoke having a loop at one end and an eye near the other, means for attaching the same to a sash rail, and a fastener having a head at one
30 end, said head being adapted to forcing through the eye of said yoke, and the other end of the fastener being movably connected with means whereby the fastener may be attached to a sash rail adjacent to the one
35 to which said yoke is attached.

RICHARD K. HALDANE.

Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
