

(No Model.)

G. W. GOSS.
WINDOW SASH FASTENER.

No. 541,847.

Patented July 2, 1895.

Fig. 1.

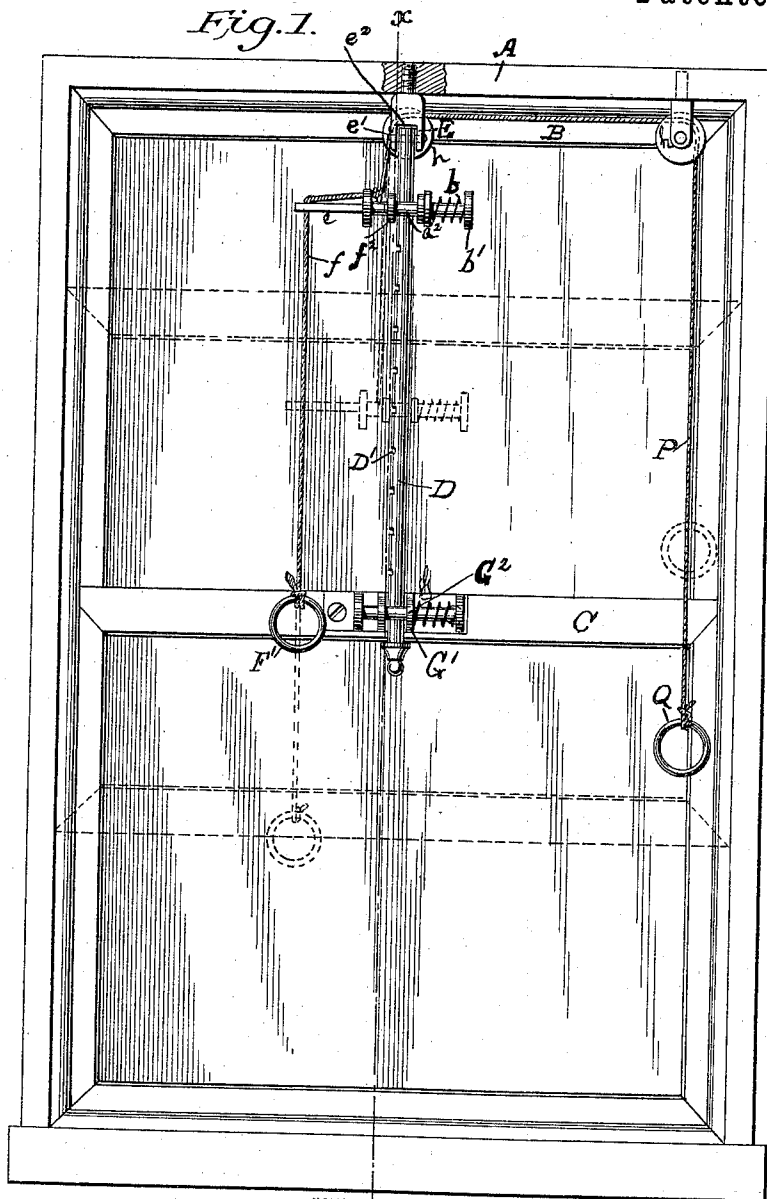


Fig. 2.

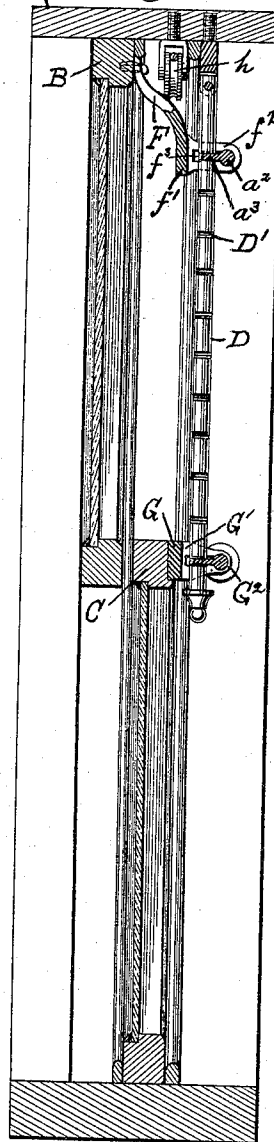
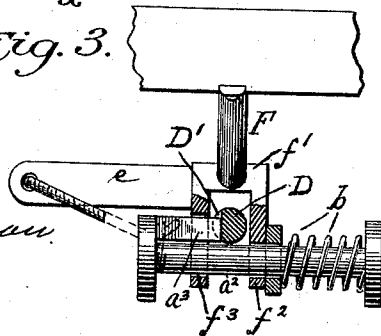


Fig. 3.



Witnesses.

H. S. Chapman.

Geo. W. Long.

Inventor.

G. W. Goss
by J. f. Deavitt
Attorney.

UNITED STATES PATENT OFFICE.

GEORGE W. GOSS, OF ROXBURY, VERMONT.

WINDOW-SASH FASTENER.

SPECIFICATION forming part of Letters Patent No. 541,847, dated July 2, 1895.

Application filed October 4, 1894. Serial No. 524,934. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. GOSS, a citizen of the United States, residing at Roxbury, in the county of Washington and State of Vermont, have invented new and useful Improvements in Window - Fastenings, of which the following is a specification.

My invention relates to improvements in window fastenings its object being to provide a means whereby the upper and lower sashes can be adjusted independently of each other by a rod attached to the window casing, as hereinafter described.

The accompanying drawings, which illustrate my invention, are referred to and made a part of this specification.

Figure 1 is a front elevation of a window-frame and its sashes having my improved fastener secured thereto. Fig. 2 is a vertical sectional view of the same taken on line *x x*. Fig. 3 is a detail view showing my adjustable lock or catch.

In the drawings, A represents the window casing, B the upper and C the lower window sash, and D the removable rod.

E shows a holder or keeper, screwed or otherwise attached to the top of the window casing, in the lower part of which is a hole *e'* and slot *e''* to receive and hold rod D.

F is a casting attached to the upper sash with a slotted end *f'* to slide up and down on rod D. The side walls or ears *f''* of said longitudinally slotted end *f'* are provided with perforations *f'''*, through which the bolt *a''* is transversely passed, this bolt or catch being provided with a thin edged projection *a'''* which fits into any one of a series of notches *D'* on rod D and is forced or pulled into these notches by the spiral spring *b* placed against the opposite side of the slot and between it and a nut or head *b'* on bolt *a''*. On casting F, is also projection *e* perforated for cord *f* to pass through. One end of the cord is attached to one end of bolt *a*, and the cord is then passed through the hole in projection *e*. Then to the free end of said cord is attached the ring or handle *F'*, which when pulled operates the cord so that it disengages the bolt *a* from rod D, thereby allowing the window sash to slide up and down on said rod. By letting loose the cord the spiral spring pulls rod *a''* into one of the

notches on rod D securely locking the window in any desired position.

G, is a casting on the upper rail of the lower window sash provided with projections *G'* to receive the lower end of rod D. The projections *G''* are also perforated like the casting on the upper sash to receive a rod or catch or bolt *m* operated by a spiral spring *n* in substantially the same manner.

A cord P for raising and lowering the upper sash is attached at one end to the casting F and passes over pulleys *h h* affixed to the window casing. Eyes may be employed instead of the said pulleys. The lower end of the said cord is provided with a ring or handle Q.

In using my invention the upper end of rod D is placed in holder E with the other end of rod D elevated. When so placed the lower end of rod D, is placed in holder G, on the lower sash, and the upper end becomes firmly engaged with holder E, and cannot be removed therefrom until the lower end is freed and elevated. When so placed holder E, of the upper sash and holder G of the lower sash slide up and down on rod D, engaging with any of the notches thereon according to position.

The upper and lower sashes of the window can be locked and securely held at any desired position, and no other window fastening is required. It can be used with sash weights or without them.

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

1. A bracket E attached to a window sash and provided with ears and a perforated extension *e*, in combination with a spring-bolt mounted in the said ears, a pull-cord attached to the said bolt and passing through the said extension, and a stationary notched rod arranged to be engaged by the said bolt substantially as set forth.

2. A bracket E attached to a window-sash and provided with ears and a perforated extension *e*, in combination with a spring-bolt mounted in the said ears, a pull-cord attached to the said bolt and passing through the said extension, a stationary notched rod arranged to be engaged by the said bolt and a cord for raising the sash substantially as set forth.

3. In combination with the two sashes of a window, a stationary rod notched throughout its length, a spring-bolt on the lower sash, another spring-bolt moving with the upper-sash, 5 a bracket on said upper sash having a perforated extension and raised ears, and a pull-cord which passes through the said extension and is attached to the spring-bolt of the upper sash, the latter bolt being mounted in the said ears and both bolts being adapted to engage the said rod substantially as set forth.

GEORGE W. GOSS.

Witnesses:

ZED S. STANTON,
HOMER G. VAN DEUSEN.