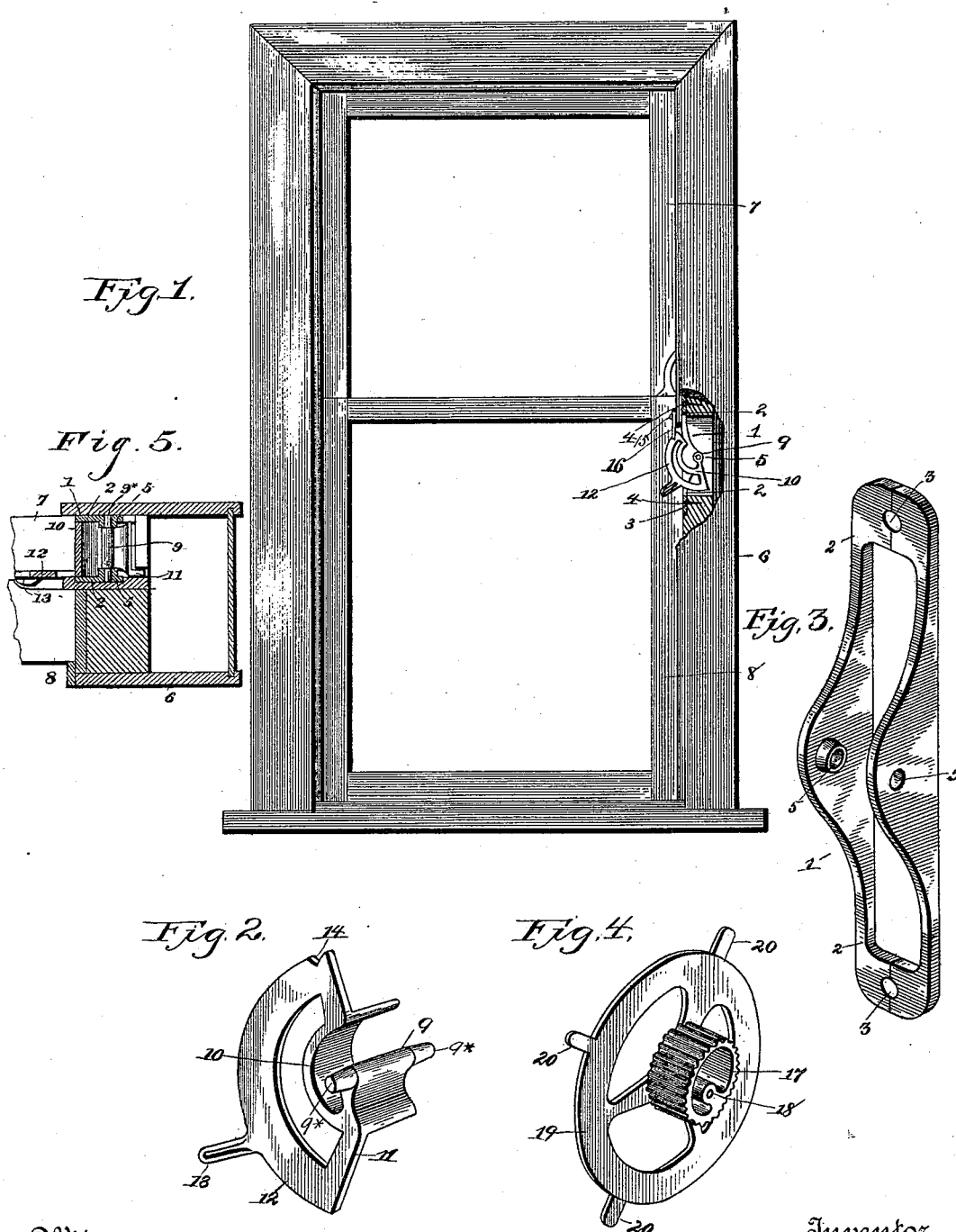


(No Model.)

O. BEEBE.
SASH FASTENER.

No. 421,092.

Patented Feb. 11, 1890.



Witnesses:

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OSCAR BEEBÉ, OF HORNELLSVILLE, NEW YORK, ASSIGNOR OF ONE-HALF
TO EDWARD F. WILLETS, OF SAME PLACE.

SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 421,092, dated February 11, 1890.

Application filed October 23, 1889. Serial No. 327,929. (No model.)

To all whom it may concern:

Be it known that I, OSCAR BEEBÉ, a citizen of the United States, residing at Hornellsville, in the county of Steuben and State of New York, have invented a new and useful Sash-Lock, of which the following is a specification.

This invention has relation to a combined sash lock and holder, and among the objects in view are to provide a cheap and simple holder to hold the sash at any desired elevation, and to provide means for locking the same at any point thereof.

With these general objects in view the invention consists in certain features of construction hereinafter specified, and particularly pointed out in the claims.

Referring to the drawings, Figure 1 is a front elevation of a window sash and frame provided with a holder constructed in accordance with my invention. Fig. 2 is a perspective in detail of the holder. Fig. 3 is a detail in perspective of the housing. Fig. 4 is a detail in perspective of a modified construction of holder. Fig. 5 is a transverse section of Fig. 1 through the sash-holder and its housing.

Like numerals of reference indicate like parts in all the figures.

In practicing my invention I provide a casing or housing 1 of oblong shape, the upper and lower ends of which are provided with right-angularly-disposed securing-plates 2, perforated, as at 3, for the reception of screws 4. The casing described is seated in an opening or recess 5, formed opposite the upper and lower sashes and near their adjacent ends within the window-frame 6.

7 represents the upper sash, and 8 the lower sash, both of which are of the usual construction and mounted within the frame 6.

The holder comprises a central perforated hub 9, from which project bearing-pins 9^x, the ends of which are seated in openings in the opposite sides of the elliptical housing 1. From the hub there projects an eccentrically-curved friction-segment 10, the eccentric portion of which is so arranged as to be swung outwardly and protrude from the housing 1 when the same is in a lowered or horizontal position, or substantially so, and when in a vertical position to have its surface wholly within the front edges of the housing. Formed

upon and projecting from and at a right angle to the plate 10 is a semicircular plate 12, weighted at its lower end and provided with an operating-handle 13. The tendency of this plate is to maintain the segment in a substantially horizontal position and against the adjacent edge of the window-sash. The upper edge of the plate 12 is provided with one or it may be a series of teeth or notches 14, and above said plate there is pivoted to the window-bead, by means of a screw 15, a turn-button 16, adapted to be thrown into mesh with any one of the teeth 14, or to be turned to one side and out of the path of the teeth, so as not to interfere with the rocking of the friction-segment.

As before stated, a lock of the character described may be provided for both of the sashes—that is, if it be desired to mount the upper sash in such a manner as to lower—and the tendency of the segments being to bind against the edges of their respective sashes, it will be apparent that in order to lower either sash it is simply necessary to partially rotate upwardly the segmental friction-plates 10 by means of the handle 13. When the sashes are in position at the desired point, the button 16 may be swung to a vertical position into either of the notches 14, and thus a return movement of the friction-plate prevented. To raise the lower sash, it is unnecessary to occupy one hand with the raising of the handle 13, as the upward movement of the sash will serve this purpose, and by releasing the sash the holder will partially rotate downwardly by gravity, thus automatically locking.

It is apparent from the above description that a cheap and efficient combined locking-holder is provided by my invention, and that the hub, segmental friction-plate, and semicircular locking-plate may be cast in a single piece.

As shown in Fig. 3, the curved friction-plate may be formed as a cylinder 17, the periphery of which may be corrugated, roughened, or covered with rubber, the hub 18 being eccentrically located in the cylinder.

The plate 19 for operating the friction device is in the above instance circular and provided with a series of operating-lugs 20.

The fastener may be doubled for lower

sashes, as shown, and is thus adapted to operate both ways. The locking-button is then, of course, omitted.

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

1. The herein-described sash-holder, comprising a central hub, an eccentric segment or roller, and a curved locking-plate arranged at one side of the segment or roller and projecting therefrom, substantially as specified.

2. The combination, with a housing, of a sash-holder comprising a perforated hub, bearing-pins projecting from the hub and into the walls of the housing, a segmental or circular friction-plate projecting from the hub and adapted to be projected outside of the housing, and a weighted curved locking-plate projecting beyond and at one side of the friction-

plate and having a series of teeth on its upper edge, and a turn-button pivoted to the window-frame and adapted to be projected into the teeth, substantially as specified.

3. The combination, with the oblong housing 1, having the plate 2, perforated as at 3, of the perforated hub of the sash-holder, the eccentrically-disposed curved plate 11, projecting from the hub, and the curved plate 12, having the handle 13, notches 14, and the turn-button 16, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

OSCAR BEEBE.

Witnesses:

FRED B. DICKEY,
FRANK. C. BEEBE.