

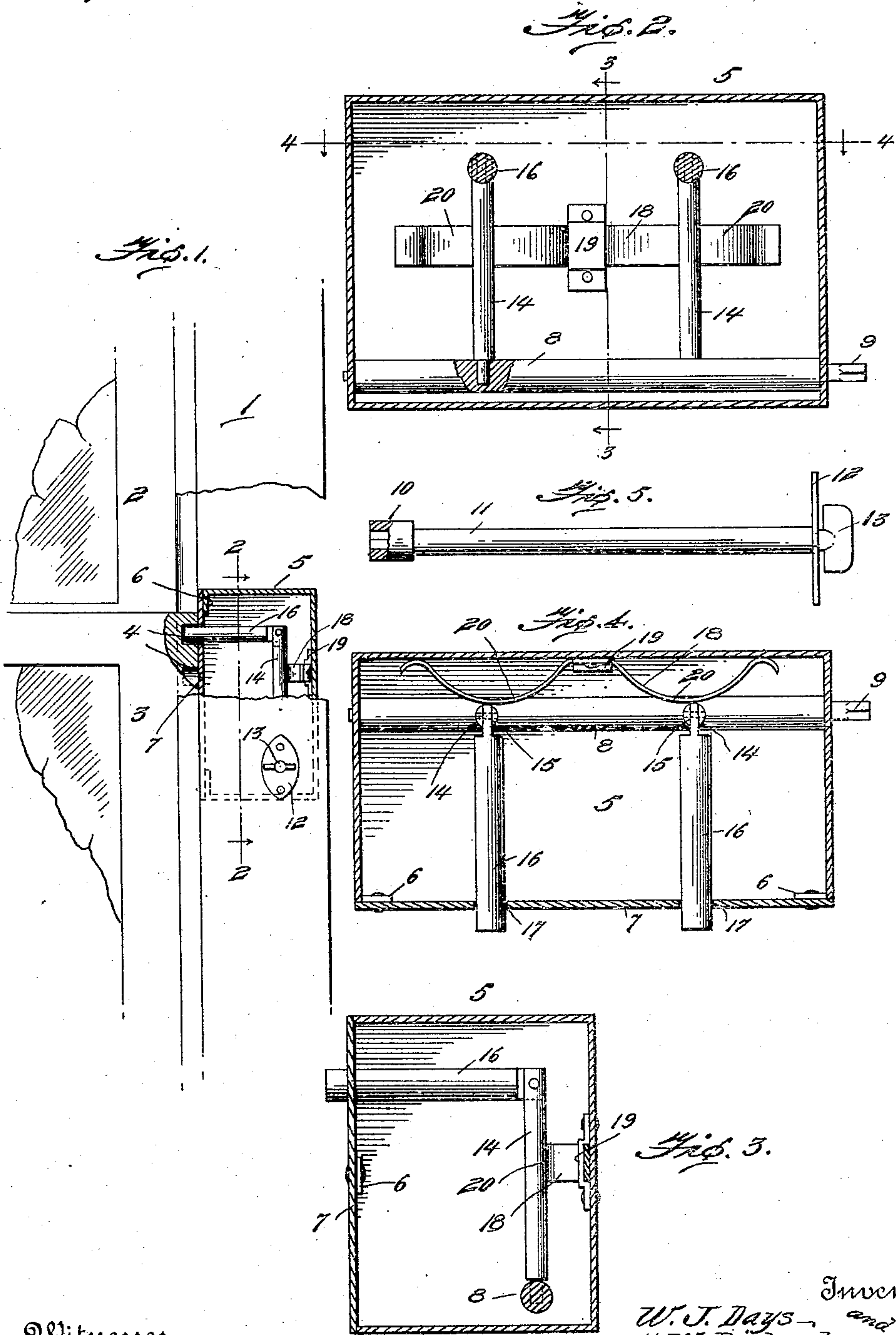
W. J. DAYS & H. W. RICHARDSON.

SASH FASTENER.

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908,398.

Patented Dec. 29, 1908.



Witnesses

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UNITED STATES PATENT OFFICE.

WILLIAM J. DAYS AND HARRY W. RICHARDSON, OF ROXBURY, MASSACHUSETTS.

SASH-FASTENER.

No. 908,398.

Specification of Letters Patent.

Patented Dec. 29, 1908.

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To all whom it may concern:

Be it known that we, WILLIAM J. DAYS and HARRY W. RICHARDSON, citizens of the United States, residing at Roxbury, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Sash-Fasteners; and we do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

Our invention relates to sash fasteners and particularly to that type which are secured in the window frame so as to lock both sashes in closed or any adjusted position.

The object of the invention is to provide a device of this character which will be cheap to manufacture, efficient in operation and which will be concealed from view so as to avoid unsightly apparatus upon the window frame or sashes.

With the foregoing and other objects in view, the invention consists of certain novel features of construction, combination and arrangement of parts, as will be more fully described and particularly pointed out in the appended claim.

In the drawings, Figure 1 is a side elevation of a window frame with parts broken away; Fig. 2 is a vertical section taken on the line 2—2 of Fig. 1; Fig. 3 is a vertical section taken on the line 3—3 of Fig. 2; Fig. 4 is a transverse section taken on the line 4—4 of Fig. 2 and Fig. 5 is a plan view partly in section of the operating shaft.

Referring more especially to the drawings, 1 represents the frame of the window with the sashes 2 and 3 mounted to slide therein, and each provided upon one of their side edges with a plurality of holes 4 which may be bushed or not as may be desired. Secured in the frame 1 opposite the middle portion thereof or adjacent the meeting rails of the sashes when they are in closed position is a suitable box 5 which is preferably constructed of sheet metal and is provided with inturned lugs 6 to which a suitable cover 7 may be attached. Journaled transversely of the frame and longitudinally in

said box is a shaft 8 which is provided at its outer end with the squared wrench receiving portion 9 so as to receive the wrench end 10 of a suitable operating shaft 11 which is mounted in the frame upon the escutcheon plate 12 and has at its outer end the operating handle 13 secured thereto in any suitable manner.

Threaded into the shaft 8 are a pair of upstanding arms 14 which are bifurcated at their upper ends as at 15 to receive the engaging bolts 16 which operate transversely to the longitudinal plane of the box and pass through openings 17 formed in the box cover 7 and through openings in the frame arranged between the parting strip and the beads thereof. The bolts 16 are held normally projected by the wing shaped spring 18 which is secured in position in the box by a clip 19 which engages its middle portion between the raised parts 20 thereof.

When it is desired to lower or raise the sashes, the handle 13 is turned to rotate the shaft 8 and disengage the bolts 16 from the holes 4 in the sashes so as to release them. They may be now lowered up or down as the case may require and when the proper adjustment is obtained the handle 13 may be released when the spring 18 will throw the bolts into engagement with the holes in the sashes and lock them in adjusted position.

From the foregoing description taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of the invention.

We claim as our invention:—

The combination with a window frame and sashes operating therein having apertures in their side edges, of a casing mounted in said frame, a shaft journaled in said casing, a pair of arms projecting upwardly from said shaft and having bifurcated ends, bolts pivoted in the bifurcated ends of said arms, a single wing shaped spring carried

by the casing for normally holding said bolts projecting so as to engage the apertures in the edges of said sashes, and an operating shaft removably secured to said
5 first mentioned shaft for operating the bolts against the tension of said spring.
In testimony whereof we have hereunto

set our hands in presence of two subscribing witnesses.

WILLIAM J. DAYS.
HARRY W. RICHARDSON.

Witnesses:

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