

J. O. FOX.  
SASH FASTENER.

APPLICATION FILED DEC. 30, 1905.

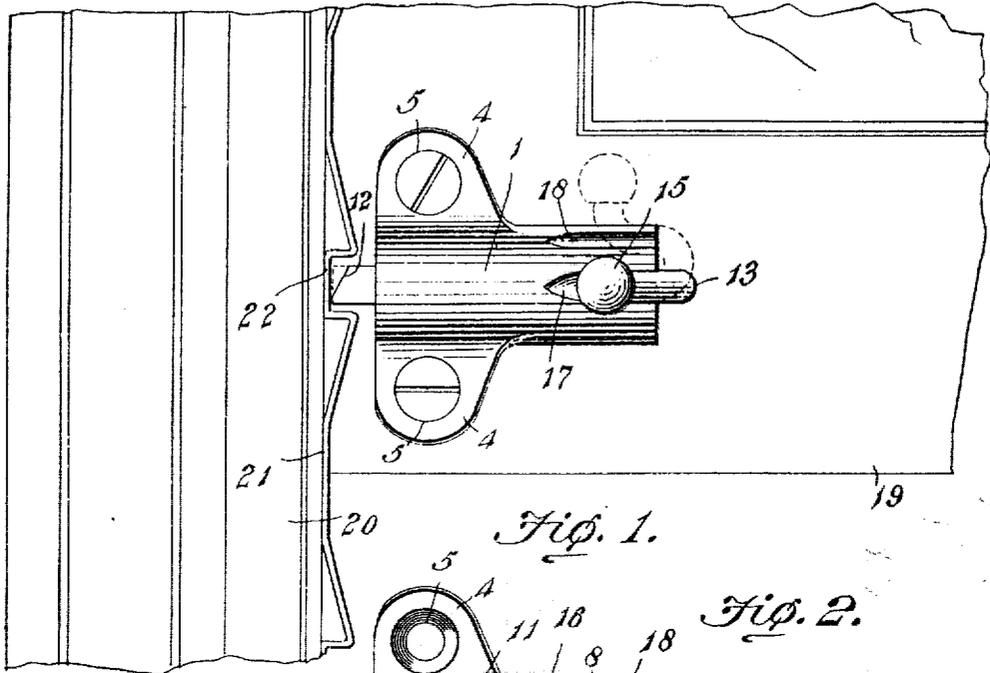


Fig. 1.

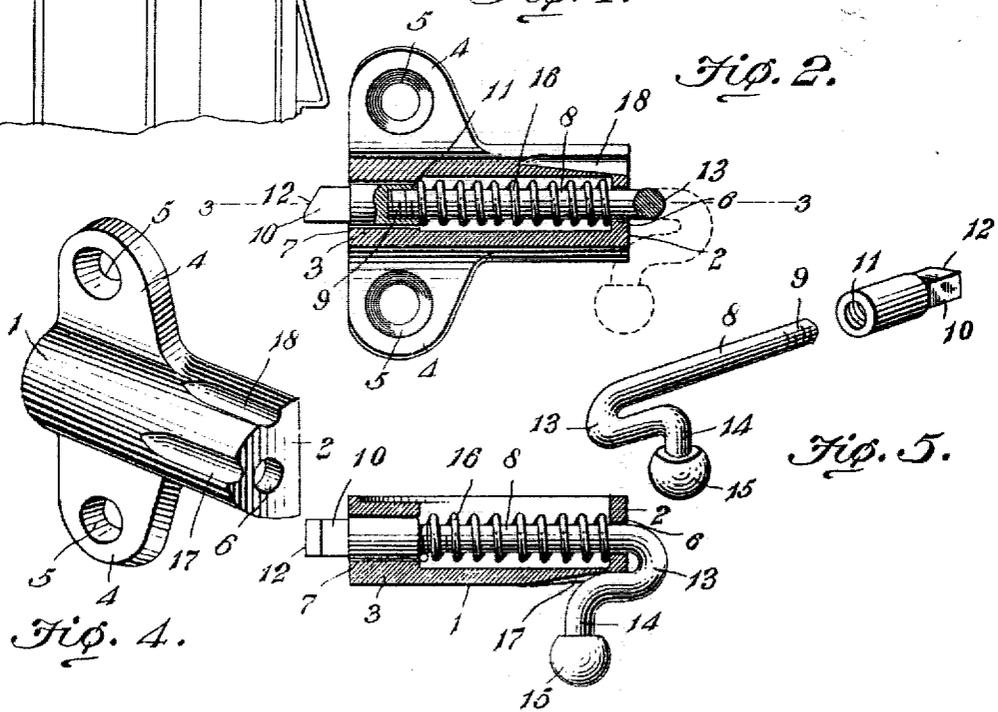


Fig. 2.

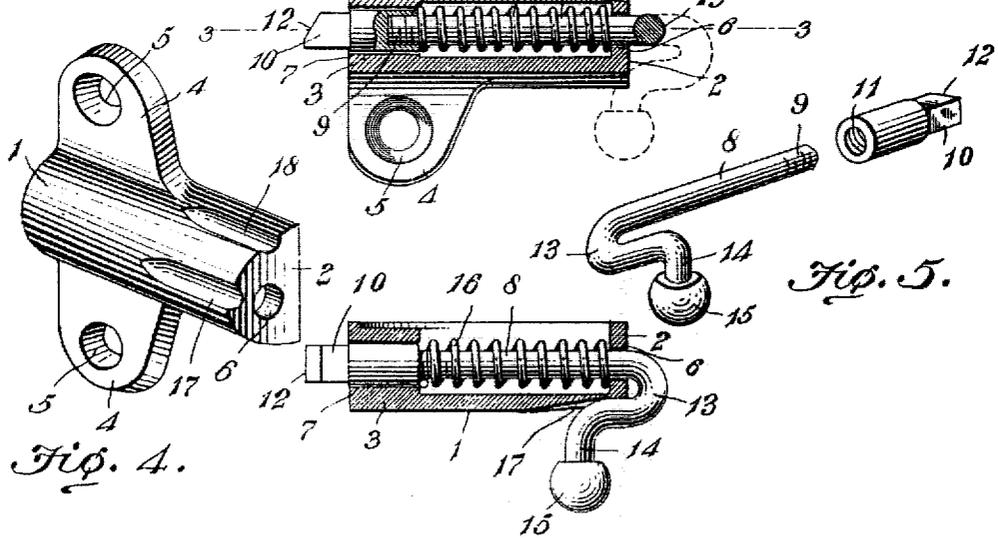


Fig. 3.

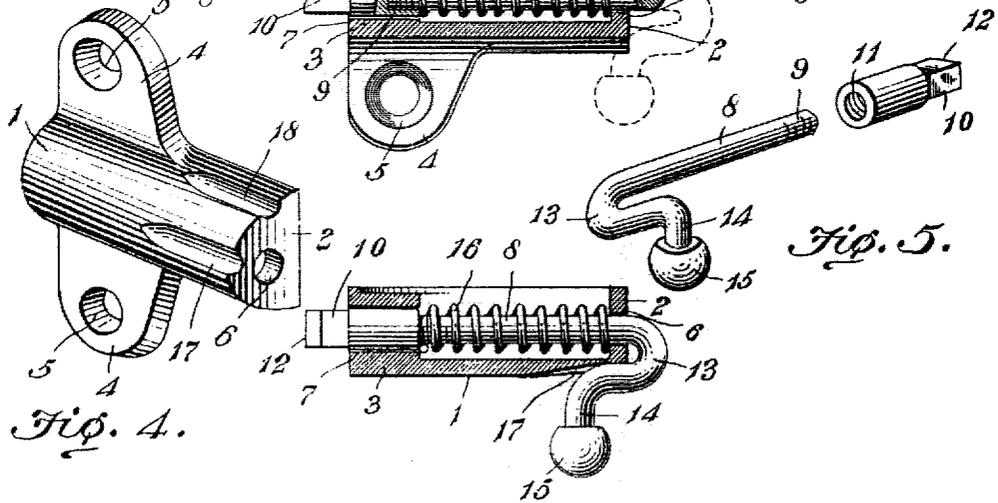


Fig. 4.

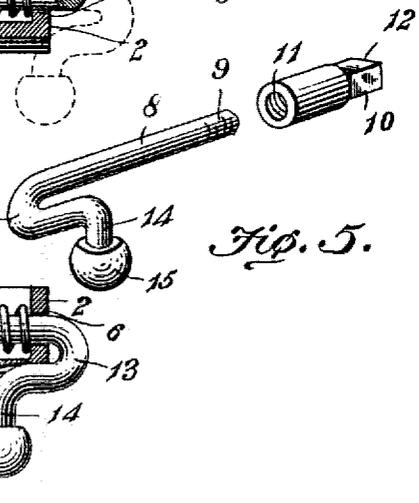


Fig. 5.

WITNESSES:

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# UNITED STATES PATENT OFFICE.

JAMES OLLIE FOX, OF BATESVILLE, ARKANSAS.

## SASH-FASTENER.

No. 836,313.

Specification of Letters Patent.

Patented Nov. 20, 1906.

Application filed December 30, 1905. Serial No. 293,962.

*To all whom it may concern:*

Be it known that I, JAMES OLLIE FOX, a citizen of the United States, residing at Batesville, in the county of Independence and State of Arkansas, have invented a new and useful Sash-Fastener, of which the following is a specification.

This invention relates to sash-fasteners of that type embodying a slidable bolt, and is primarily designed to provide for the convenient adjustment of the bolt to lock the sash against movement in one direction and permit movement in the opposite direction, to hold the bolt entirely retracted for quick movement of the sash in either direction, and to adjust the bolt so as to lock the sash against movement in opposite directions. It is also proposed to enable the convenient assemblage of the parts of the fastener to house the spring thereof in a very simple and inexpensive manner.

With these and other objects in view the present invention consists in the combination and arrangement of parts, as will be hereinafter more fully described, shown in the accompanying drawings, and particularly pointed out in the appended claim, it being understood that changes in the form, proportion, size, and minor details may be made, within the scope of the claim, without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings, Figure 1 is a side elevation of the sash-fastener of the present invention applied in its operative position. Fig. 2 is a sectional view of the fastener. Fig. 3 is a sectional view on the line 3-3 of Fig. 2. Fig. 4 is a detail perspective view of the case. Fig. 5 is a detail perspective view of the bolt.

Similar numerals of reference designate corresponding parts in all of the figures of the drawings.

The present fastener includes a case 1, which is approximately semitubular in shape and provided with a relatively thin rear end wall 2 and a relatively thick front end wall 3. The front end of the case is provided at opposite sides with attaching-ears 4, provided with countersunk openings 5 for the reception of screws or other fastenings to secure the case in place. The rear wall 2 is pierced by an opening 6, and the front wall 3 is pierced by a larger opening 7 in alignment with the opening 6. Working endwise through the opening 6 is a bolt 8, which is threaded at its forward end, as at 9, and

to this threaded end is attached the bolt-head 10, which is provided in its rear end with a threaded socket 11 to receive the threaded end of the bolt and thereby detachably connect the bolt and its head. The head 10 is preferably rectangular in cross-section and has its extremity beveled, as at 12. The rear end of the bolt is bent back upon itself, as at 13, so as to form a return-elbow to overlap the exterior of the case when the bolt is at its forward limit and to engage the rear end of the case and limit the forward movement of the bolt. The return portion 13 of the bolt is provided with an outwardly-directed finger-piece 14, terminating in an enlargement or knob 15, for convenience in handling the bolt. It will here be explained that the bolt 8, the return-elbow 13, and the finger-piece 14 lie in the same plane, and it is proposed to bend these parts from a straight cylindrical bar. Within the case there is a helical spring 16, embracing the bolt, with its rear end bearing against the rear end wall 2 of the case and its front end bearing against the rear end of the head of the bolt, whereby the bolt is yieldably maintained at its forward limit and is capable of being retracted against the tension of the spring by pressing rearwardly upon the finger-piece 14. The bolt is also capable of a rotatable adjustment when it has been retracted, and the exterior of the rear portion of the case is provided with a pair of longitudinal grooves or seats 17 and 18, intersecting the rear end of the case and designed to receive one arm of the elbow 13 at the respective rotatable limits of the bolt, thereby to lock the latter against accidental rotation.

In practice the case is secured to a window-sash—such, for instance, as shown at 19 in Fig. 1 of the drawings—it being preferred to locate the fastening at one of the lower corners of the sash, the bolt, of course, being disposed in a horizontal position with its head at the adjacent upright edge of the sash. The window-frame 20 is provided with a vertical series of seats or sockets for the reception of the head of the bolt, it being preferred to produce such seats by means of a flat metal strip 21, suitably secured to the inner edge of the window-frame and bent at suitable intervals to form seats or sockets 22, into which the head of the bolt is designed to be thrust. With the head of the bolt received in the socket 22, as in Fig. 1, the sash is supported in an

elevated position, as one of the flat sides of the bolt engages the lower side of the seat or socket. The sash is free to be moved upwardly without manipulation of the bolt by reason of the fact that the beveled portion 12 is uppermost and will wipe across the upper outer edge of the socket, and thereby force the bolt rearwardly so as to enable the quick opening of the sash. When it is desired to lock the sash against movement in either direction, the bolt is retracted and then the finger-piece is swung upwardly until it snaps into the seat 18 in the exterior of the case, whereby the upper and lower flat sides of the bolt will be presented to the top and bottom of the socket 22 and the sash thereby positively locked against movement in either direction. To enable the quick movement of the sash in either direction, the bolt is retracted and swung downwardly, as indicated by dotted lines in Fig. 2 of the drawings, until the finger-piece engages the rear extremity of

the case, thereby to hold the bolt retracted with its forward end within the case.

Having thus described the invention, what is claimed is—

A sash-fastener comprising a case having front and rear openings, there being longitudinally-disposed grooves within the outer face of the case at the rear end thereof, a bolt working through the openings and having a beveled head, and a handle at the rear end of the bolt and offset therefrom and overlapping the case, said handle adapted to be seated within any of the grooves to hold the head in a predetermined position.

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

JAMES OLLIE FOX.

Witnesses:

CHAS. C. CONDITT,  
A. F. NASH.