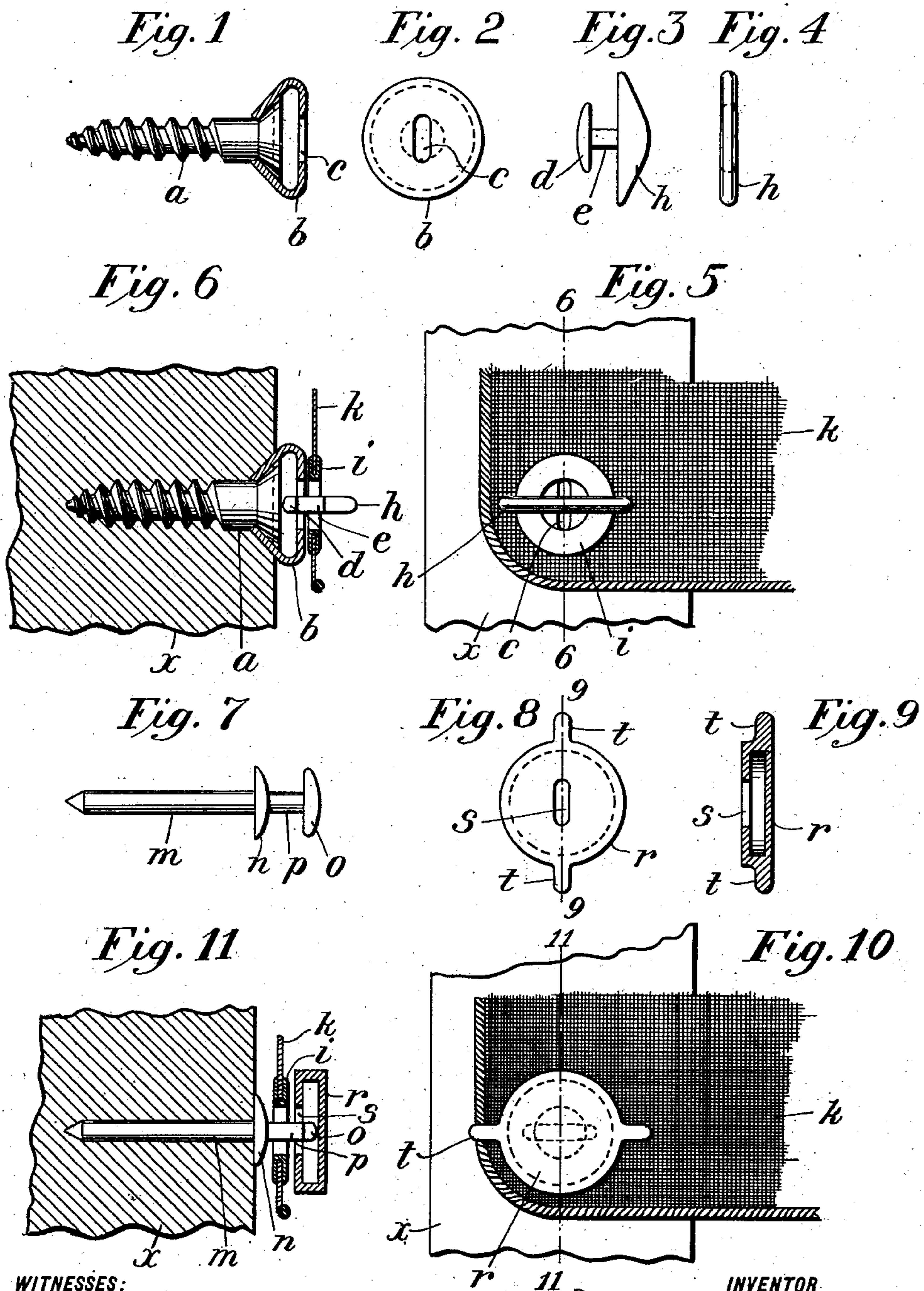


No. 750,070.

PATENTED JAN. 19, 1904.

J. W. STEVENSON.  
FASTENER FOR AWNINGS.  
APPLICATION FILED SEPT. 8, 1903.

NO MODEL.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

JAMES W. STEVENSON, OF PHILADELPHIA, PENNSYLVANIA.

## FASTENER FOR AWNINGS.

SPECIFICATION forming part of Letters Patent No. 750,070, dated January 19, 1904.

Application filed September 8, 1903. Serial No. 172,223. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES W. STEVENSON, a citizen of the United States, residing at Philadelphia, county of Philadelphia, and State of Pennsylvania, have invented a new and useful Improvement in Fasteners for Awnings, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to fastening devices for awnings.

The object of the invention is to avoid the necessity whenever the covering is removed of withdrawing the thumb-screws by which the awning is supported and reinserting the screws whenever the awning is replaced.

A further object of the invention is to enable the awning to be put up or taken down readily and expeditiously.

In the drawings, Figures 1 to 6 relate to one form of my invention, and Figs. 7 to 11 to a modification. Fig. 1 is a side view, partly in section, of the screw and cap that are permanently secured to the window-frame or other support. Fig. 2 is a plan view of the same. Fig. 3 is a side view of the clamp coöperating with said screw and cap. Fig. 4 is a plan view of the clamp. Fig. 5 is a plan view showing the coöperating parts in operative position and an awning-ring and section of awning held in place thereby. Fig. 6 is a section on the line 6 6 of Fig. 5. Fig. 7 is a view of the nail and button constituting the fixed element of my modified form of fastening device. Fig. 8 is a plan view of the cap coöperating therewith. Fig. 9 is a sectional view of the cap, taken on the line 9 9 of Fig. 8. Fig. 10 is a plan view showing the coöperating parts in operative position and an awning-ring and section of awning held in place thereby, and Fig. 11 is a section on the line 11 11 of Fig. 10.

I shall first describe the preferred embodiment of my invention. (Shown in Figs. 1 to 6.) *a* is a holding device or screw. *b* is a hollow cap, provided in its top with an opening *c*, preferably of slotted form and secured to or integral with the screw. Preferably the cap is originally made separate from the screw

and is shrunk or otherwise secured to the screw-head, the cap when in position having an inturned annular flange that underlies and embraces the screw-head. If desired, the holding device may be a nail in place of a screw, and the cap may be secured to the nail-head or made integral therewith. The holding device is inserted into the window-frame or other support *x* from which the awning is to be supported. The cap constitutes the fixed member of the fastening device proper. The other and detachable member of my fastening device consists of a clamp composed of a button *d*, shank *e*, and thumb-piece *h*. The button *d* consists, preferably, of a narrow cross-piece somewhat longer than the slot *c*. The thumb-piece also consists of a narrow cross-piece, preferably somewhat longer than the diameter of the cap. There is no necessity, however, to adhere to the shape or proportions of the clamp illustrated. The ring *i* of the awning *k* I prefer to make with a slotted instead of a circular opening. To suspend the awning, the button *d* is passed through the awning-ring and the slot *c* in the cap *b*. The button *d*, although preferably longer than the slot *c*, may be readily inserted therethrough by inclining the button, slipping one end thereof through the slot, moving the shank *e* over to one end of the slot, and then inserting the other end of the button. The clamp, by means of the thumb-piece *h*, is then given a quarter-turn, and the ring is thereby safely attached to the holder. By a reverse operation of the clamp the awning-ring is detached. Preferably the button *d* is of approximately the thickness of the depth of the cap, so as to avoid the liability of the clamp accidentally turning after it is in locking position.

In the modification shown in Figs. 7 to 11 the nail *m* or other holding device has secured to it or made integral with it a flange *n*, button *o*, and connecting-flange *p*. As shown, the nail is adapted to be driven into the window-frame or other support. The button *o* is preferably shaped similarly to button *d*. The flange *n* may, if desired, be dispensed with. When the nail is driven into the support, the flange *n* limits the extent to which it is driven.



*r* is a cap having a slot *s* in its inner face and thumb-pieces *tt*. To suspend the awning, the ring is slipped over the button *o*. The cap *r* is then slipped over the button *o*, the operation being the reverse of that of my preferred form, in which the cap is fixed. The cap, by means of the thumb-piece *t*, is then given a quarter-turn, and the ring is thereby attached to the holder. By a reverse operation of the cap the latter is detached, and the ring may be slipped off the holder.

There is of course usually one fastening device for each ring of the awning.

Having now fully described my invention, what I claim, and desire to protect by Letters Patent, is—

1. As a new article of manufacture, a fastener consisting of a holding device adapted to be permanently secured to a support, and fastening members consisting of a hollow orificed cap and a button adapted to extend through said orifice into the hollow interior of the cap, one of said fastening members being secured to the holding device, substantially as described.

2. As a new article of manufacture, a fastener for detachably securing the ring of an awning to an awning-support, consisting of a holding device adapted to be permanently secured to the support, and fastening members consisting of a button having a shank and a hollow cap having an orifice, one of said fastening members being secured to the holding device, said button being adapted to extend into the hollow interior of the cap and said

shank being adapted to extend through said orifice and ring, substantially as described.

3. As a new article of manufacture, a fastener consisting of a holding device adapted to be permanently secured to a support, and fastening members consisting of a slotted hollow cap and a button and shank, said button consisting of a cross-piece longer than the slot in the cap but adapted to be extended through said slot into the hollow interior of the cap, one of said members being secured to the holding device and the other of said members being adapted to turn upon the other member after they are so engaged, substantially as described.

4. As a new article of manufacture, a fastener for detachably securing the ring of an awning to an awning-support, consisting of a holding device adapted to be permanently secured to the support, an orificed cap secured to the holding device, and a button, thumb-piece and connecting-shank forming a clamp, said button being adapted to be inserted through said ring and orifice into the hollow interior of the cap and said shank being adapted to pass into said ring and orifice, substantially as described.

In testimony of which invention I have hereunto set my hand, at Philadelphia, Pennsylvania, on this 2d day of September, 1903.

JAMES W. STEVENSON.

Witnesses:

FRANK S. BUSSEY,  
M. F. ELLIS.