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S. H. PETERSON ET AL

WINDOW SCREEN

Filed June 29, 1927

Fig. 1.

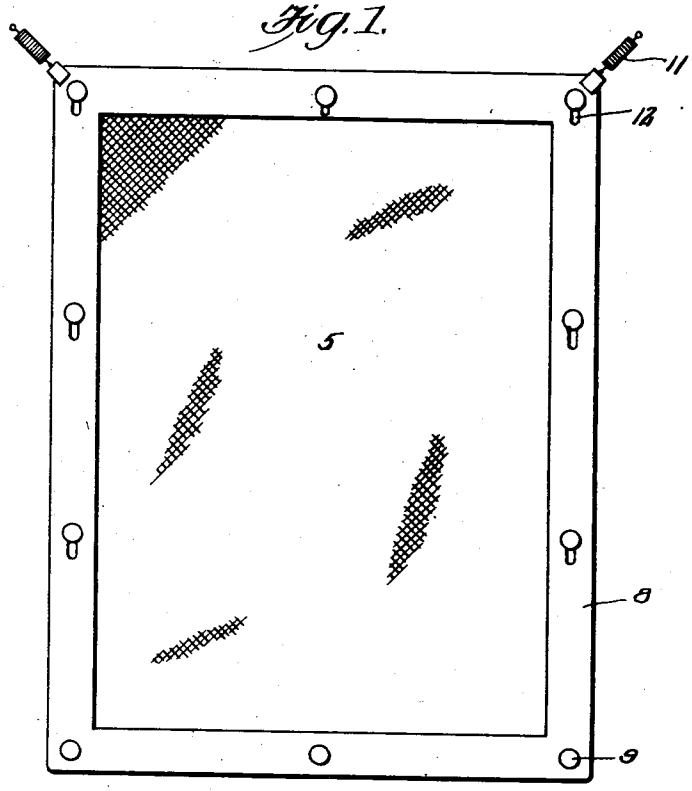
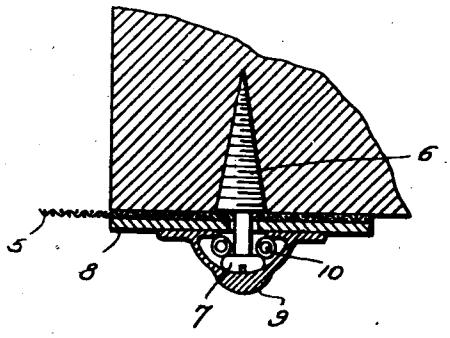


Fig. 2.



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UNITED STATES PATENT OFFICE.

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WINDOW SCREEN.

Application filed June 29, 1927. Serial No. 202,409.

Our invention relates to window screens and has for its object to provide means for mounting the screen upon a window frame without requiring the construction of a rigid screen frame. The invention contemplates means for removably attaching a section of screening upon a window frame and arranging a rubber frame or mat about the edges of the screen in such a manner as to provide a neat finish for the same and to provide means for easily and quickly snapping the mat in position thereon.

Another object of the invention is to provide a screen of this character which may be easily and quickly arranged in position upon a window and speedily removable when desired so as to permit the screen together with the frame to be rolled in a neat and compact manner for storing.

A still further object is to provide a screen of this character which is extremely simple in construction, of suitable size to fit any window frame and inexpensive to manufacture.

Other objects and advantages reside in the special construction, combination and arrangement of the various elements forming the invention as more fully hereinafter described and claimed. reference being had to the accompanying drawings forming part hereof, wherein:

Figure 1 is a plan view showing the rubber frame or mat arranged about a section of screening, and,

Figure 2 is a sectional view taken along a line 2—2 of Figure 1.

Referring now to the drawing we have disclosed our invention comprising a section of screening, preferably of wire, indicated at 5, which may be cut to a convenient size to fit over a window frame and secured thereto about its edges by screws 6 having heads 7 arranged to be spaced away from the edge of the window frame. About the edges of the screening is arranged a continuous strip of thin rubber indicated at 8 comprising a mat or frame and having openings through which the head of the screw 7 may be inserted so as to permit the rubber frame to fit snugly about the edge of the screen.

Upon the head of each of the screws 7 is arranged a snap button indicated at 9 having a circularly arranged coil spring 10 carried within the hollow portion of the fastener and adapted to engage the inner edge of the head of the screw 7 whereby to firmly hold the fastener in position thereon. As clearly shown in Figure 2 of the drawing the base of the fastener engages the surface of the rubber frame or mat so as to secure the same in position upon the edge of the screen.

At each upper corner of the rubber frame is arranged a coil spring 11 having one end attached to the frame with its opposite end fastened to the window frame so as to prevent the corner of the frame from sagging and to assist in holding the frame in position upon the screen. Likewise the openings at the top of the frame and along each side are formed into slots indicated at 12 to permit ample space within which the screw 6 may be adjusted with respect to the frame.

The rubber will serve to keep the screer from stretching and strengthen it so as to cause it to lay tight against the window frame and secured in position by means of the fasteners 9. At the same time the frame may be easily and quickly removed from position upon the window frame when it is desired to store the screens during the winter months and the rubber frame being of a flexible nature may be rolled together with the screen during such storing.

It is obvious that the invention is susceptible to various changes and modifications without departing from the spirit thereof or the scope of the appended claim and we accordingly claim all such forms of the device to which we are entitled.

We claim:

In a fastener of the class described comprising a screw having a head and a removable cap for the head provided with an inturned flange extending toward the shank of the screw in spaced relation from the head and a coil spring circularly arranged in the cap and interposed between the flange and said head whereby to urge the cap inwardly upon the head.

In testimony whereof we affix our signatures.

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