

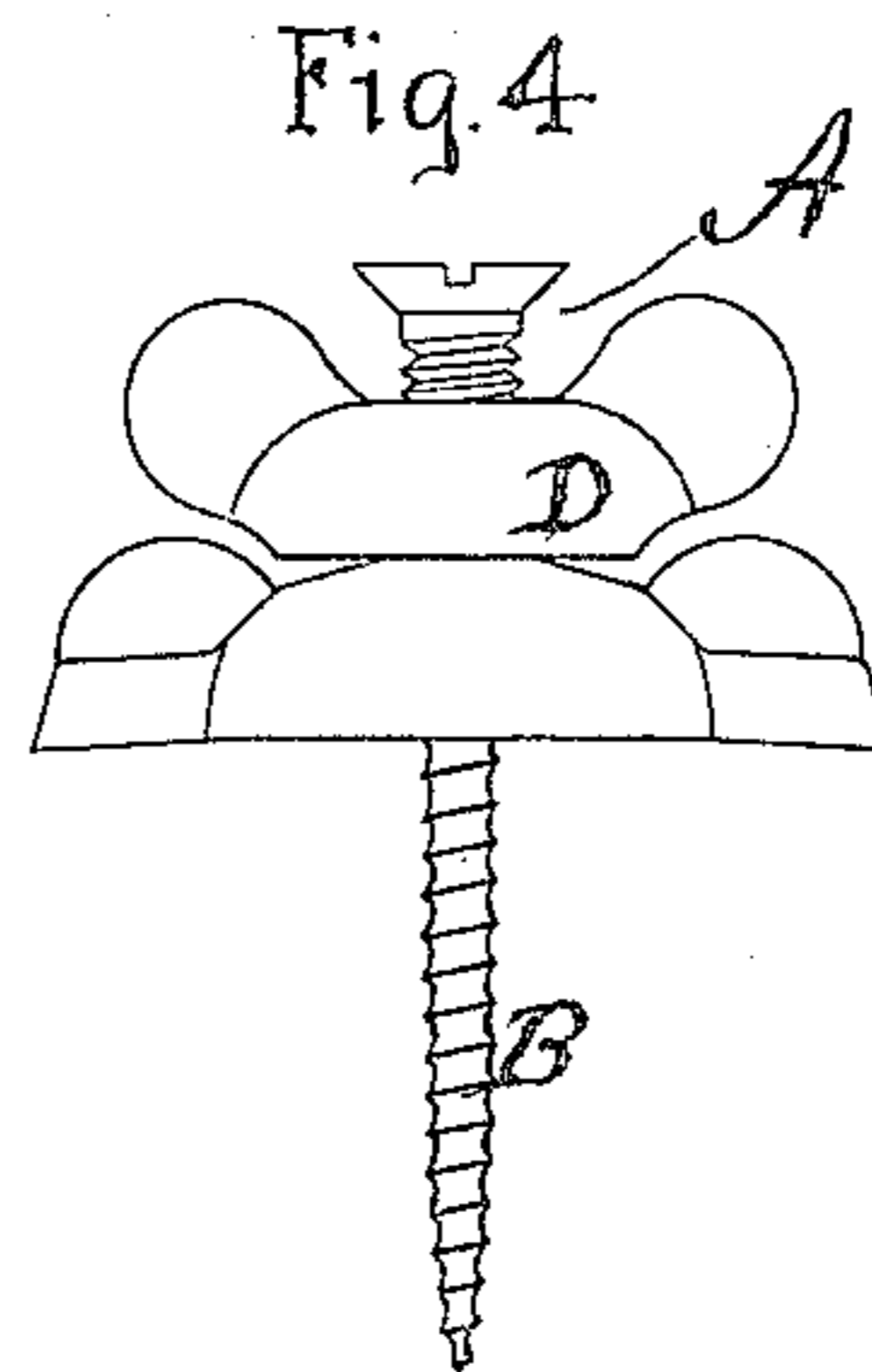
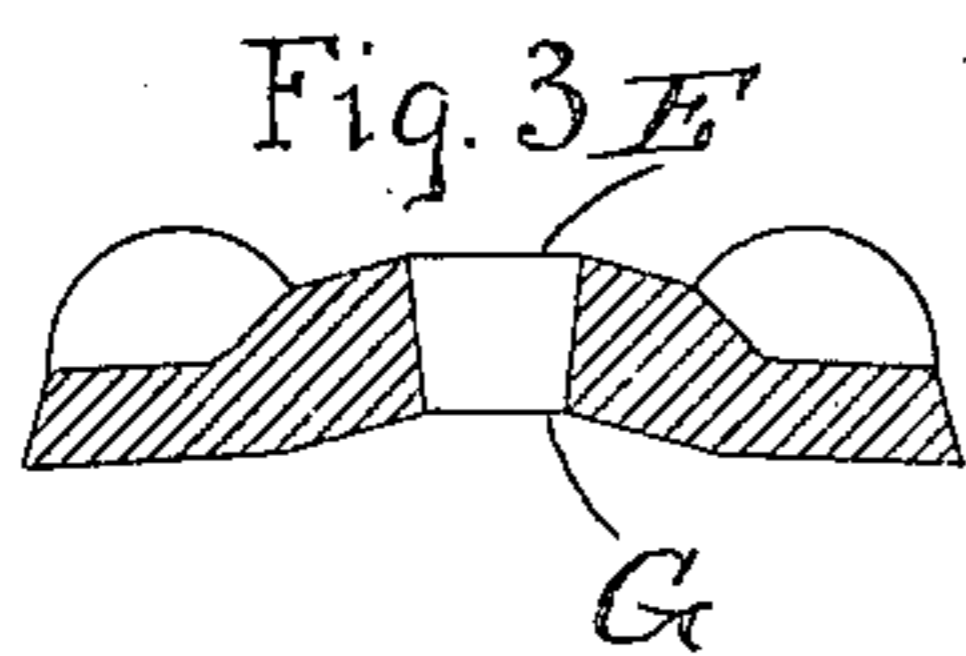
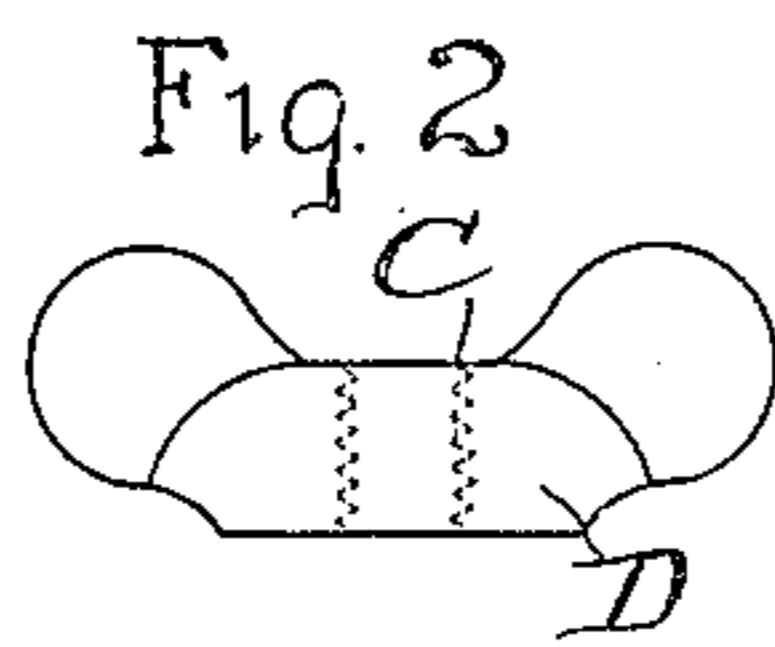
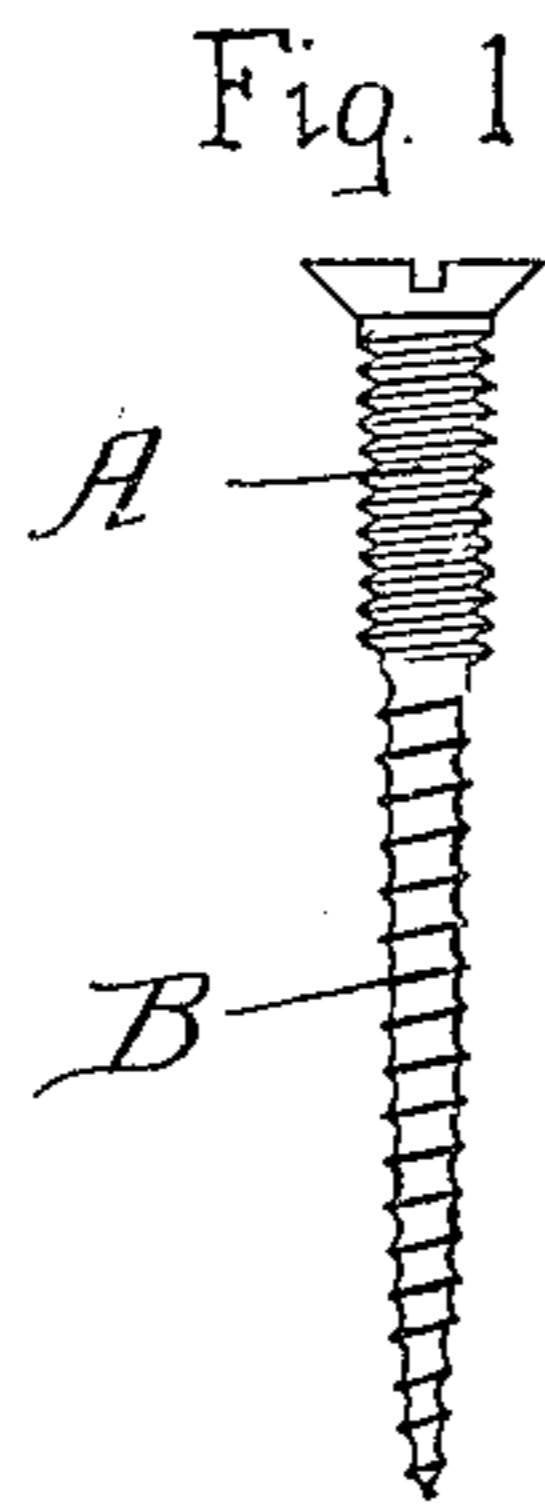
No. 822,521.

PATENTED JUNE 5, 1906.

F. O. HERMANCÉ.

STORM WINDOW AND WINDOW SCREEN FASTENER.

APPLICATION FILED JAN. 29, 1906.



Witnesses

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UNITED STATES PATENT OFFICE.

FRANK O. HERMANCE, OF ABERDEEN, SOUTH DAKOTA.

STORM-WINDOW AND WINDOW-SCREEN FASTENER.

No. 822,521.

Specification of Letters Patent.

Patented June 5, 1906.

Application filed January 29, 1906. Serial No. 298,570.

To all whom it may concern:

Be it known that I, FRANK O. HERMANCE, a citizen of the United States, residing at Aberdeen, Brown county, South Dakota, (and that is my post-office address,) have invented a new and useful Storm-Window and Window-Screen Fastener, of which the following is a specification.

My invention relates to improvements in fastening storm-windows and window-screens upon houses; and the objects of my improvements are, first, to provide a permanent fastener in the window-frame; second, to speedily fasten the storm-windows or window-screens to the frame of the window; third, in case the storm-window or window-screen should not be of the same thickness as the window-frame or upon the same plane to so press the storm-window or window-screen that it will closely fit on the window sash or molding; fourth, to provide a button that will not erase or mar the paint upon the window-frame when turned. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 represents a screw with small part B of less diameter than the upper part A. The thread of A is much finer than that of B. Fig. 2 is a butterfly thumb-nut D, the center hole C of which has a thread to correspond to A. Fig. 3 is a button sufficiently long when placed in position for one end to press upon the storm-window or window-sash, with a hole E in the center larger than the diameter of the metal wood-screw in its largest part, its upper surface from end to end to be convex and its under surface G from end to end to be concave, so that when pressed down by a thumb-screw it will adjust itself to the surface of the window-frame and window-screen or storm-window.

The wood-screw should be screwed perma-

nently into the window-frame after the butterfly thumb-screw and the button are placed thereon. When the storm-window or the window-screen is placed in position, then the button can be placed horizontal to the window-frame without marring the paint for the reason that it is not in close contact with the window-frame and that after being placed horizontal to the frame and then screwed down by the thumb-screw it will adjust the storm-window or screen-window to the conformation of the window sash or frame. The diameter of the button being larger than the screw will admit of this. The surface of the button next to the window-frame being concave will press the storm-window or window-screen close upon the window sash or molding.

Fig. 4 shows the different parts assembled ready to be placed upon window-frame.

Similar letters refer to similar parts throughout the several views.

The thread A corresponds to C in the thumb-nut. The under surface of the nut is convex and the upper surface of the button convex. The opening in the button is not threaded and is of greater diameter than A.

I claim—

In a storm-window and window-screen fastener, the combination of the screw with upper larger diameter and finer thread than the lower part, with the thumb-nut with a screw-threaded opening to correspond with the upper thread of the screw and with the button with unthreaded opening and convex upper and concave lower surface, all as and for the purpose set forth.

FRANK O. HERMANCE.

Witnesses:

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