March 5, 1929. H. H. EVERHARD 1,704,039

ADJUSTABLE WINDOW SCREEN

Filed July 13, 1926

Fig. 1.

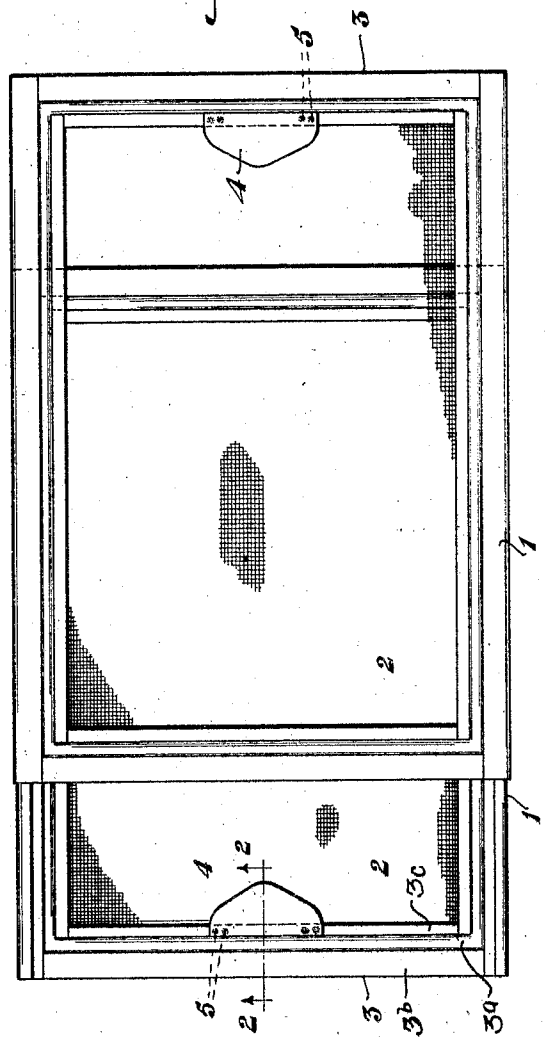
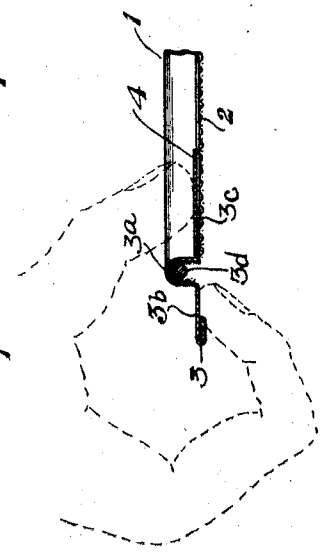


Fig. 2.



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UNITED STATES PATENT OFFICE.

HARRY H. EVERHARD, OF CANTON, OHIO, ASSIGNOR TO THE EVERHARD MANUFACTURING COMPANY, OF CANTON, OHIO, A CORPORATION OF OHIO.

ADJUSTABLE WINDOW SCREEN.

Application filed July 13, 1926. Serial No. 122,115.

The invention relates to screens and particularly to adjustable ventilating or fly screens for windows, and the object of the improvement is to provide an adjustable screen frame formed of two relatively movable frame sections carrying cloth or wire fabric and provided at the outer end bar of each frame section with a metal tab extending over the fabric to serve as a finger grip or support and prevent the thumb or fingers from being pushed through the fabric when adjusting the screen.

The above and other objects may be attained by providing an adjustable frame formed of two sections adjustably connected together in any usual and well known manner, the protecting tabs being formed integrally with or secured to the outer end bars of the frame sections extending inwardly at points substantially midway between the top and bottom thereof, and being substantially triangular in shape and having a length along the end bar greater than the inwardly extending length.

An embodiment of the invention is illustrated in the accompanying drawing, in which

Figure 1 is a front elevation of the improved adjustable screen, and

Fig. 2, a section on the line 2—2, Fig. 1.

Similar numerals refer to similar parts throughout the drawing.

The screen is formed of a pair of frame sections 1 mounted for slidable adjustment, with reference to each other, in any usual and well known manner. These frames may be made of metal, as illustrated in the drawing, and each frame is covered with fabric, shown at 2, which may be either cloth or wire, depending upon whether the screen is designed for use as a ventilating screen or fly screen.

Each outer bar 3, has a cross sectional configuration well shown in Fig. 2, and may include a U-shaped channel portion 3^a from which extends laterally the flange portions 3^b and 3^c. The channel portion 3^a receives the rod 3^d which securely clamps the edge portion of the screen fabric 2 within the U-shaped channel.

In adjusting the screen, to place the same in a window, it is customary for the user to grasp each frame section, near the outer end bar 3 thereof, and at a point midway between the top and bottom, between the thumb and fingers. The thumb naturally extends within the frame section and bears upon the fabric, pressing the same inward and, especially in the case of a cloth fabric, causing it to become baggy and in many cases to be torn or pulled loose from the frame.

To overcome this difficulty, a metal tab 4 is provided at the inner edge flange portion 3^c of each outer bar 3, in close proximity with the screen fabric 2 preferably at a point midway between the top and bottom of the frame, where it may be naturally grasped and will receive the thrust of the thumb and the fingers engaging the opposite side of the end bar as shown in dotted lines in Fig. 2.

The frame may thus be grasped tightly between the thumb and fingers of each hand without danger of pushing the thumb through the fabric as all of the pressure exerted by the thumb is directly upon the metal tab 4, thus protecting the fabric.

For the purpose of economy in production, these tabs may be formed separate from the end bars of the frame and spot welded or otherwise connected thereto as indicated at 5 in Figure 1, although it should be understood that the tabs may be formed integrally with the end bars if desired.

I claim:

A screen comprising a frame, a fabric carried by the frame and a fabric protecting tab carried by and extending inwardly from the inner edge of the frame in close proximity with the fabric, in position to receive the thumb when the frame is grasped by thumb and fingers of a hand to place the screen in a window opening or remove it therefrom.

In testimony that I claim the above, I have hereunto subscribed my name.

HARRY H. EVERHARD.