No. 649,013. Patented May 8, 1900.

I. H. TAYLOR.

WINDOW GLASS FASTENER.

(Application filed July 24, 1899.)

(No Model.)

FIG. 1.

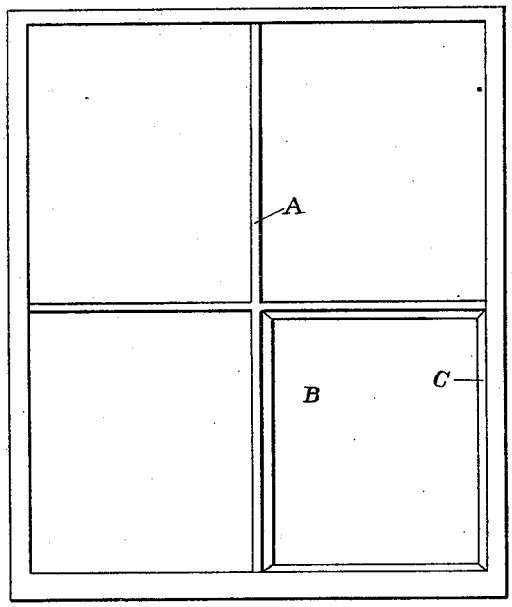


FIG. 2.

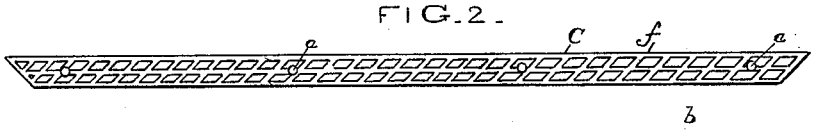


FIG. 3.

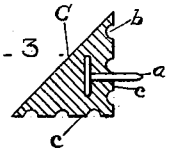


FIG. 4.

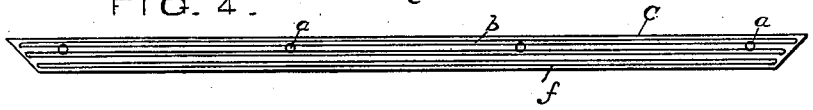
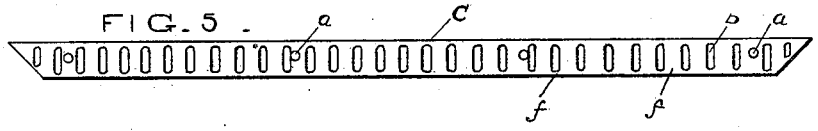


FIG. 5.



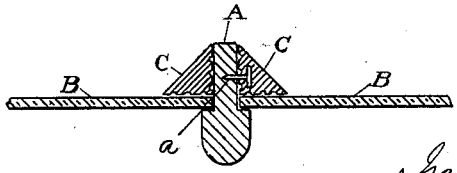


FIG. 6.

WITNESSES

Henry C. Wagner

Robert Gipson

INVENTOR

Isaiah H. Taylor

By Boyden & Co.

ATTORNEYS

UNITED STATES PATENT OFFICE.

ISAIAH H. TAYLOR, OF BALTIMORE, MARYLAND, ASSIGNOR OF ONE-FOURTH TO ALBERT G. DALTON, OF RICHMOND, VIRGINIA.

WINDOW-GLASS FASTENER.

SPECIFICATION forming part of Letters Patent No. 649,013, dated May 8, 1900.

Application filed July 24, 1899. Serial No. 725,001. (No model.)

To all whom it may concern:

Be it known that I, ISAIAH H. TAYLOR, a citizen of the United States, residing at Baltimore, in the State of Maryland, have invented certain new and useful Improvements in Window-Glass Fasteners, of which the following is a specification.

This invention relates to improvements in glazing wherein window-glass is secured to window-sash, among the objects of which are to provide formed or molded strips of suitable material to secure the glass panes to the window-sash and to make the joints therebetween water and air tight.

The invention is illustrated in the accompanying drawings, in which—

Figure 1 is a front view of a window-sash, showing the strips attached. Fig. 2 is a longitudinal view of the strips, showing indentations on one of the sides that adjoins either the glass or sash. Fig. 3 is a cross-section of Fig. 2 enlarged. Figs. 4 and 5 are longitudinal views showing modifications of the indentations. Fig. 6 is a cross-section showing the relative position of the strip, glass, and sash.

Similar letters refer to similar parts throughout the several views.

The window-sash A is of the ordinary kind. B represents the panes of glass; C, the improved strips; *a*, embedded nails in the strips, and *b* indentations in the strips, which form cells for some suitable adhesive material. The strips C are made of paper or papier-mâché of suitable elasticity and are formed, preferably triangular in cross-section, (see Fig. 3,) of suitable length to correspond with the several standard sizes of window-panes. The ends of the strips are mitered in order to properly form the corners when joined together in their relative positions in the sash. Two surfaces *c c* of the strips are provided with indentations *b* to receive and hold any suitable adhesive material between the strips and the parts to which they are cemented, by which a water and air tight joint is secured. The indentations *b* may be of any number and shape. Modifications of same are shown in Figs. 4 and 5. Around the said indentations *b* is arranged a continuous surface *f*, the object of which is to make a close joint between the said surface and the parts which it adjoins.

The strips C are provided at suitable intervals with nails or brads and are held in the strip by molding the material of which the strip is made around the heads of the said nails or brads. These nails or brads assist in holding the strips to the sash in addition to the adhesive material.

In applying the improved strips the pane of glass is laid in the sash in the usual manner. Adhesive material is then applied to the two indented sides of the strips C, which is then pressed against the glass and sash in the proper position, forcing the nails *a* into the sash, which holds the strips C in their proper position until the adhesive material sets and affords additional security between the strips and sash.

By this device a cheap, durable, and perfectly water and air tight joint is made between the glass and sash and which is quickly and conveniently applied.

This device or material is of a lasting quality, and, unlike putty, it does not streak, peel, or crack. It can be prepared in colors to suit, presenting a neat and smooth appearance. In case a window-pane is broken it may be applied by others than those skilled in the art.

The strips C are preferably made of paper or papier-mâché; but any other material may be substituted therefor.

Having thus described my invention, what I claim, and wish to secure by United States Letters Patent, is—

In a glazing device, the combination of a sash, A; the glass, B; the strip, C, provided with indentations, *b*; suitable adhesive material; and nails or brads inserted in the strip at suitable intervals and held therein by having the material, of which the strip is made, molded around the heads of the nails or brads.

In testimony whereof I affix my signature in the presence of two witnesses.

ISAIAH H. TAYLOR.

Witnesses:
ALBERT G. DALTON,
WM. H. TAYLOR.