

W. N. BAKER.
WINDOW PANE FASTENER.
APPLICATION FILED SEPT. 7, 1909.

971,816.

Patented Oct. 4, 1910.

Fig. 1.

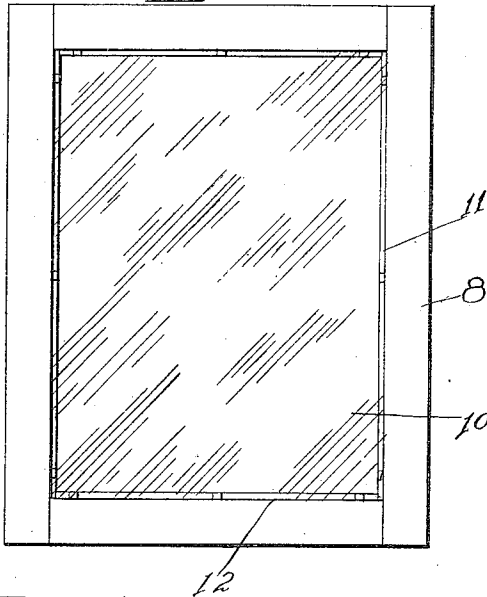


Fig. 2.

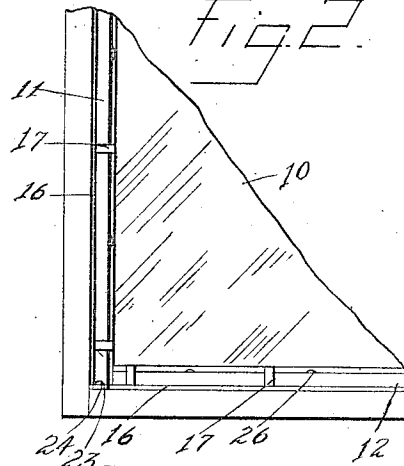


Fig. 4.

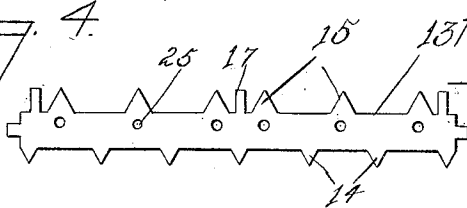


Fig. 3.

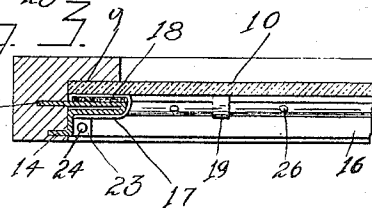


Fig. 5.

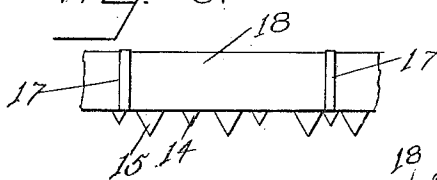
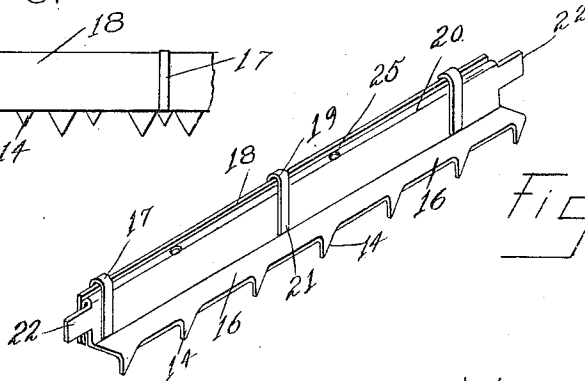


Fig. 6.



Witnesses

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WINDOW-PANE FASTENER.

971,816.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WILLIAM NATHAN BAKER, a citizen of the United States, residing at Salem, in the county of Columbiana, State of Ohio, have invented certain new and useful Improvements in Window-Pane Fasteners; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The invention relates to a pane or panel fastener and more particularly to the class of window glass fasteners.

The primary object of the invention is the provision of a fastener of this character in which a glass pane or other panel may be securely fastened in a frame or window sash, without the use of putty or the ordinary securing devices.

Another object of the invention is the provision of a fastener in which a glass pane may be secured in place within a sash and that is capable of being applied by an unskilled person in a ready and quick manner.

A further object of the invention is the provision of a fastener of this character in which a glass may be secured in its frame or sash so that it will not rattle or become loose and that may be removed in an easy and expeditious manner for repair or replacement by a new glass when required.

With these and other objects in view the invention consists in the construction, combination and arrangement of parts as will be hereinafter more fully described, illustrated in the accompanying drawings which disclose the preferred form of the embodiment of the invention to enable those skilled in the art to practice the same, and as pointed out in the claims hereunto appended.

In the drawings:—Figure 1 is a side elevation of a window sash and its glass with the invention applied thereto. Fig. 2 is a fragmentary side elevation looking toward the opposite side of the window sash. Fig. 3 is a horizontal sectional view through a portion of the window sash. Fig. 4 is a detailed plan view of a blank prior to the folding of the fastener. Fig. 5 is a fragmentary rear elevation of a portion of the fastener. Fig. 6 is a detailed perspective view.

Similar reference characters indicate cor-

responding parts throughout the several views in the drawings.

Referring to the drawings by numerals, 8 designates generally a window sash provided with the usual rabbet 9 along its inner edge in which the glass 10 is seated and in which it has hitherto been generally secured by putty.

The glass fastener comprises metallic strips 11 and 12, each being formed of a single blank comprising an elongated plate 13 having formed at opposite longitudinal edges bendable spurs 14 and 15, the spurs 15 being larger than the spurs 14 and this plate is bent into substantially inverted U shape with a right-angular bearing flange 16, the latter extending throughout the length of the same. Formed at one longitudinal edge of the plate 13 are bendable ears 17, the latter being bent upwardly to lie exteriorly against a resilient strip 18 such as felt or rubber material disposed along one side of the plate and these ears 17 are further bent as at 19 around the upper curved edge 20 of the plate 13 and downwardly as at 21 against the opposite face thereof so as to secure the resilient strip 18 in position on the fastener. The short strips are provided with terminal ears 22 which latter engage between the long strips 11 and the glass 10 while the long strips are formed with securing terminal ears 23 at right angles thereto receiving fasteners 24 which engage in the window sash and serve to hold the strips in position in the rabbet and in close relation to the glass 10 held in the sash. At intervals along the curved or top edge of the strips 11 and 12 are openings 25 in which are driven fasteners 26 which latter also serve to securely fasten the strips in position on the sash. It is of course understood that the spurs 14 and 15 engage in the sash 8 which prevents displacement of the fasteners when holding the glass 10 in the sash.

From the foregoing the construction and operation of the invention will be clear without the necessity of a more extended explanation and therefore the same has been omitted.

What is claimed is:—

1. A fastener of the class described comprising a strip formed from a single blank having a plurality of spurs at longitudinal edges thereof, the said strip being bent to provide a double web throughout its length,

one longitudinal edge of the strip being further bent to provide a right angular flange, bendable tongues projecting from one longitudinal edge of the strip and a resilient strip
5 held against the outer face of one web portion of the first mentioned strip by the said bendable tongues.

2. A fastener comprising a metallic strip formed from a single blank of material cut
10 to provide a plurality of spurs at opposite longitudinal edges thereof the said strip being bent into substantially U shape to provide a double web, the said strip being further bent to provide a right angular bearing
15 flange through the length of one longitudinal

edge thereof a resilient strip disposed against one web of the first named strip, and bendable ears formed at one longitudinal edge of the first named strip and being bent over the said resilient strip the said ears being rebent to engage and overlap the other web of the first named strip for securely mounting the resilient strip thereon.

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

WILLIAM NATHAN BAKER.

Witnesses:

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