

(No Model.)

W. H. H. BARTON.
WINDOW BEAD FASTENER.

No. 305,500.

Patented Sept. 23, 1884.

Fig. 1

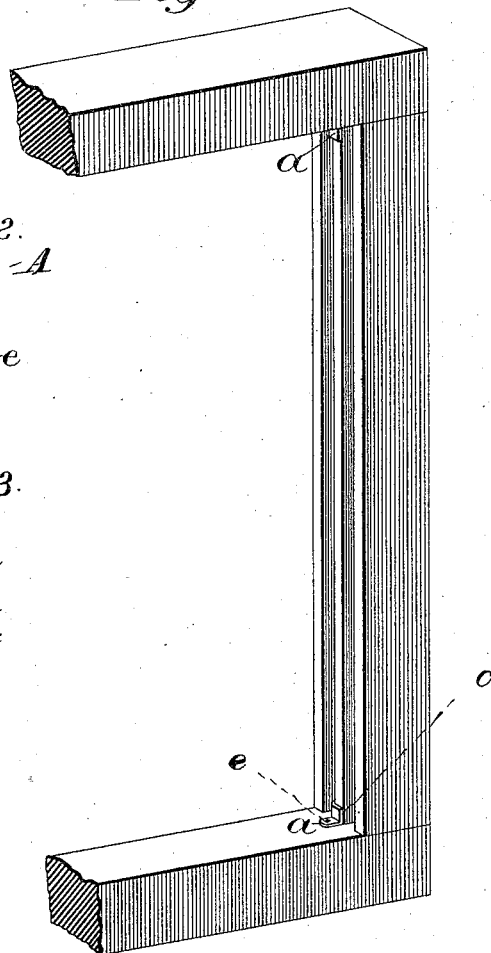


Fig. 2.

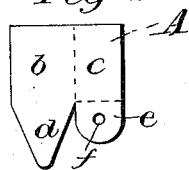


Fig. 3.

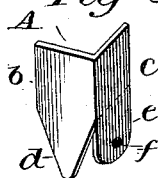


Fig. 4.

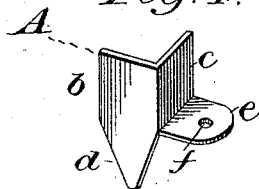
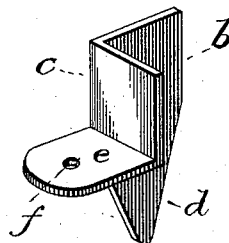


Fig. 5.



Witnesses:

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WINDOW-BEAD FASTENER.

SPECIFICATION forming part of Letters Patent No. 305,500, dated September 23, 1884.

Application filed April 24, 1884. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. H. BARTON, a citizen of the United States, residing at Brockton, in the county of Plymouth and State of Massachusetts, have invented certain new and useful Improvements in Fasteners for Parting-Beads of Window-Frames; 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.

This invention has reference to means for securing the parting-beads in window-frames.

As window-frames are ordinarily constructed the narrow projecting strip which separates the upper and lower window-sashes, called the "parting-bead," is secured to the window-frame proper by being sprung into a narrow groove in the frame, and is held in place merely by the friction of its sides. As a portion of the parting-bead—usually the lower part—is exposed to the inclemency of the weather, there is great liability of its warping, and consequently twisting out of place by reason of its exposure to the sun and rain. Owing to the peculiar construction of window-frames, the parting-beads cannot practically be secured in the frame by ordinary means—such as nails or screws—as they would weaken the parting-bead, and there is great liability of destroying the parting-bead while inserting them.

The object of the present invention therefore is to effect the permanent fastening of the parting-bead without in any manner weakening the parting-bead or disfiguring it or the frame, but on the contrary adding to its strength and effectually preventing the displacement of the parting-bead by any natural causes whatever.

To this end the invention consists in an angular clasp having two sides, one side of which has a tapering and depending prong adapted to be driven into the sill of the window-frame at the side of the parting-bead. The other side of the clasp bears against the front of the parting-bead, and is provided with a lug struck at right angles therefrom, which forms a brace for the clasp and means for securely clamping the same to the window-sill, (which is done by inserting a screw or nail through a small hole in the projecting lug and driving the same into the frame,) all of which will be hereinafter more fully explained.

In the accompanying drawings, Figure 1 represents in broken section a portion of a window-frame having the parting-bead secured in place by means of my fastener. Fig. 2 represents the form of a sheet-metal blank, from which my fastener is constructed. Fig. 3 represents the blank, having its sides bent at right angles. Figs. 4 and 5 are perspective views of the complete device.

A is a metal blank struck up from sheet-metal, from which the window-bead fastener is formed. The blank A is bent in the middle along the dotted line shown in Fig. 1, until its sides *b c* are at right angles. The side *b* is somewhat longer than the side *c*, and is tapered to a point and forms a penetrating prong, *d*. This prong *d* is driven into the window-frame sill, as hereinafter described. The other side of the metallic fastener *c* has also on its lower side a rounded extension or lug, *e*. The lug *e* is struck up or bent at right angles to the side *c*, and forms an outwardly-extending brace, as shown. The lug *e* has a small hole, *f*, through which is inserted a suitable screw or nail to secure the clasp in place.

While I have described and preferably use sheet metal in constructing my window-bead fastener, it is obvious that the same may be made from metal in any form.

The construction of my fastener having been described, its mode of application is as follows: The fastener is placed against the outside of the parting-bead at its upper or lower end, or at both places, as may be desired, with the long side having the depending prong against the side of the parting-bead, and the side of the fastener having the projecting lug or foot against the front edge of the parting-bead. It is then driven into the sill of the window-frame until the projecting foot or lug rests upon the sill, and is firmly secured in place by driving a small nail or screw through the projecting lug or foot, as clearly shown in Fig. 1 of the drawings. The side of the fastener which bears against the front edge of the parting-bead prevents the bead from slipping forward out of its groove in the window-sash, while the side of the fastener which is driven into the window-sill prevents any lateral displacement of the parting-bead. As there are two parting-beads to each window, the fasteners are made "rights" and "lefts" to agree with them.

Having fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A fastener for the parting-beads of window-frames, consisting of an angular metallic clasp adapted to bear against the side and front edges of the bead, and means for securing the same to the window-frame, substantially as described; and for the purpose set forth.
2. An angular metallic fastener for the parting-beads of window-frames, having one side adapted to be driven into the window-sill and the other side having a projecting lug or foot forming a brace therefor, substantially as described, and for the purpose set forth.
3. An angular metallic fastener for the parting-beads of window-frames, having one side

adapted to bear against the front edge of the bead, and the other side adapted to be driven into the sill of the window-frame, substantially as described, and for the purpose set forth.

4. An angular metallic fastener formed from a suitable blank, A, having one side tapering into a depending prong, *d*, and the other side bent at right angles thereto, and having the projecting lug or foot *e* struck up therefrom, said lug having a hole for receiving a fastening-nail, all substantially as described.

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

WILLIAM HENRY HARRISON BARTON.

Witnesses:

IRA A. LEACH,
HERBERT B. THUYER.