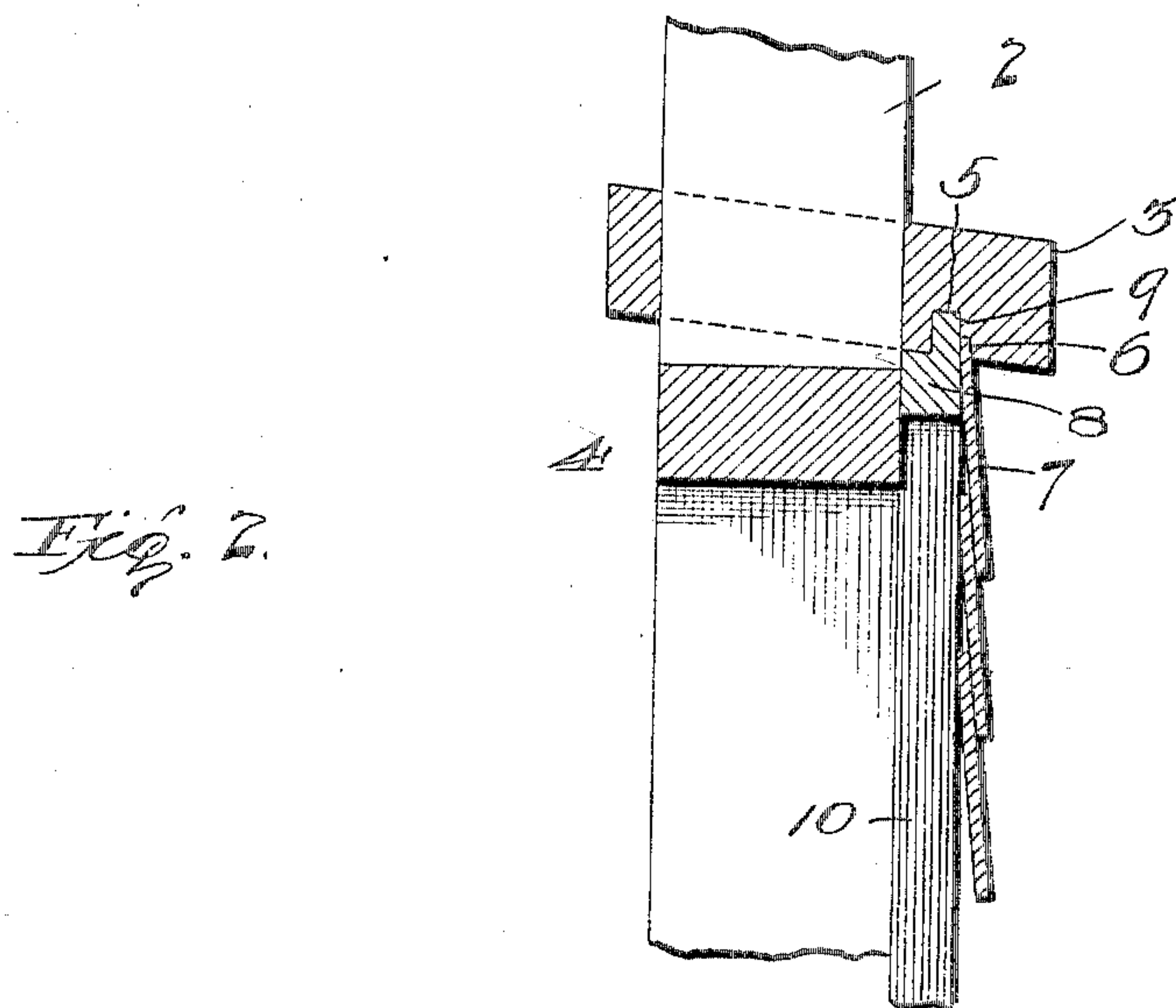
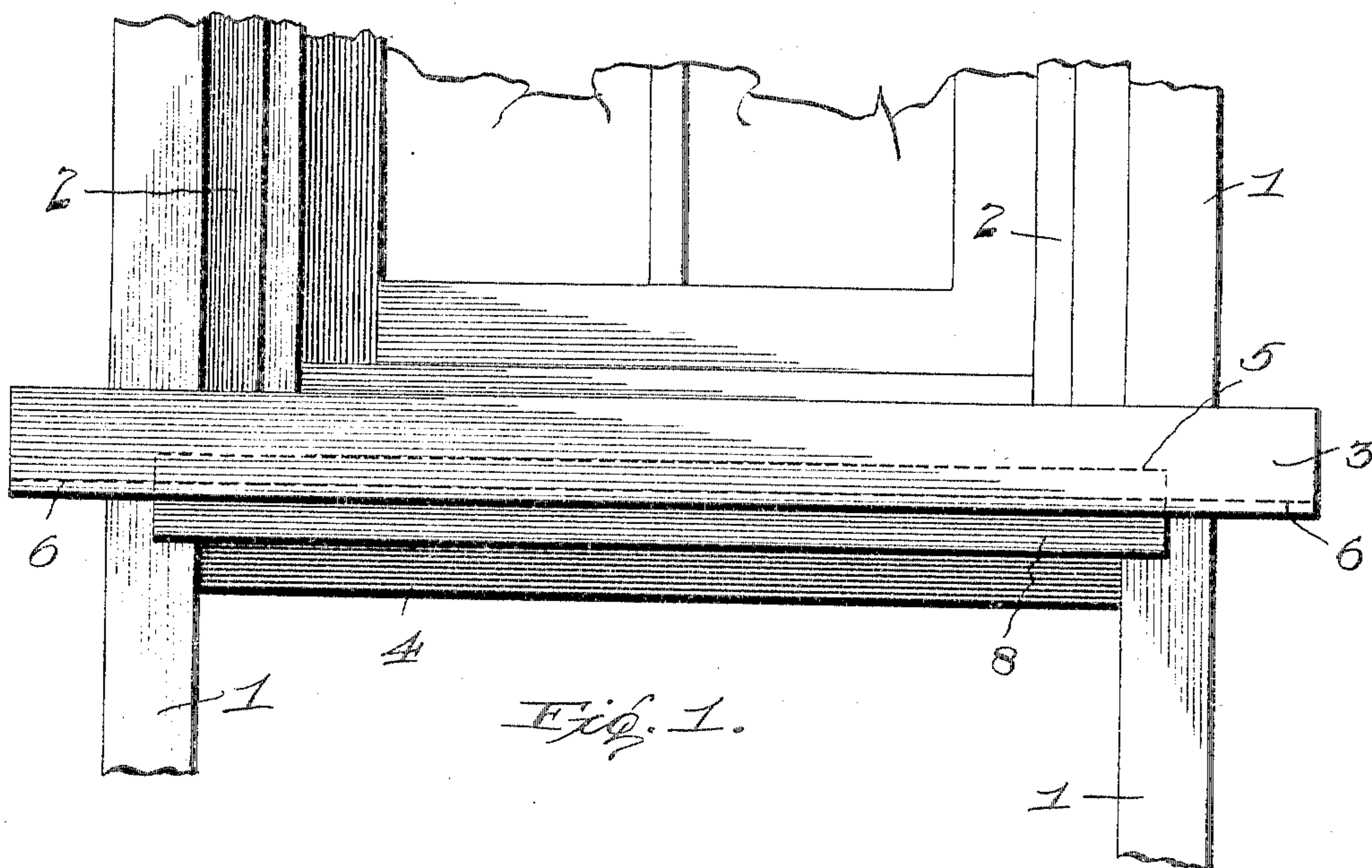


No. 794,027.

PATENTED JULY 4, 1905.

E. A. KING.
WINDOW SILL ATTACHMENT.
APPLICATION FILED MAR. 16, 1905.



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EDWARD A. KING, OF BILLERICA, MASSACHUSETTS.

WINDOW-SILL ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 794,027, dated July 4, 1905.

Application filed March 16, 1905. Serial No. 250,460.

To all whom it may concern:

Be it known that I, EDWARD A. KING, a citizen of the United States, residing at Billerica, in the county of Middlesex and State of Massachusetts, have invented a certain new and useful Window-Sill Attachment, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to window-frames and the like, the object of the invention being to provide, in connection with such frame, an attachment forming means for effectually closing the space ordinarily left beneath the sill or between the sill and the underlying trimmer, thereby sealing said space against the entrance of air, moisture, &c., and also preventing the weather from getting around the horns of the sill where the sill overlaps the studding.

In connection with the foregoing object a further object of the invention is to arrange the attachment in such manner that a seat is formed for the edge of the clapboard, which lies next beneath the sill.

With the above and other objects in view, the nature of which will fully appear as the description proceeds, the invention consists in the novel construction, combination, and arrangement of parts, as herein fully described, illustrated, and claimed.

In the accompanying drawings, Figure 1 is an outside elevation of a sufficient portion of a building, including a window-frame, to illustrate the present invention, which is shown applied thereto. Fig. 2 is a vertical section through the same.

Like reference-numerals designate corresponding parts in both figures of the drawings.

Referring to the drawings, 1 designates a pair of studs, between which the window-frame is mounted, 2 representing the opposite stiles of the window-frame, and 3 the sill, while 4 indicates the usual trimmer extending between the studs, the said parts being arranged and combined in the usual manner.

The sill 3 is preferably inclined, as usual, and in carrying out the present invention said sill is provided in its under side with a groove 5, extending lengthwise of the sill a distance equal to the length of the weather-strip here-

inafter referred to. A rabbet 6 is formed in the outer wall of the groove 5 and forms a lateral extension of said groove. The rabbet, however, extends throughout the entire length of the sill to admit the edge of the clapboard 7, which thus bears directly against the outer surface of the weather-strip, (shown at 8,) the said outer surface of the weather-strip 8 and the wall of the rabbet thus forming a seat in which the upper edge of the contiguous clapboard is fitted. If desired, the groove 5 may also extend the entire length of the sill, as by so doing the cost of manufacture will be reduced. The end portions of the sill project beyond the vertical planes of the stiles 2, and the ends of the strip 8 also project in the same manner and partially overlap the studs 1, as shown in Fig. 1, the strip 8 also lying close up to or in contact with the outer face of the trimmer 4, as shown in Fig. 2. The strip 8 is provided along its upper edge with a tongue 9, which fits into the groove 5, and said strip projects below the bottom of the sill sufficiently to close and seal the space between the sill and trimmer, as clearly shown in Fig. 2, while the projecting ends of the strip by overlapping the studs prevent the weather from finding its way around the horns of the sill. The thickness of the strip 8 is preferably equal to the thickness of the usual rough boarding 10, which underlies the weather-boards 7.

The device of this invention effectively excludes the weather and may be applied also to door-sills or thresholds. The strip 8 also forms a smooth solid backing or support for the adjacent clapboard.

Having described the invention, I claim—

1. The combination of a sill having a groove extending lengthwise of the under side thereof and also provided with a rabbet in the outer wall of the groove forming an extension of the groove, and a weather-strip fitted in the groove and projecting below the bottom of the sill, the outer face of said strip together with the rabbet forming a seat for the edge of a clapboard.

2. The combination of a window-frame, a sill projecting at its ends beyond the stiles of the frame and having a groove extending

lengthwise of the under side thereof, and a weather-strip fitting in said groove and projecting below the bottom of the sill with its opposite ends extending past the vertical
5 planes of the stiles.

3. The combination of a window-frame, a sill projecting at its ends beyond the stiles of the frame and having a groove extending lengthwise of the under side thereof, and a
10 tongued and rabbeted strip fitting in said

groove and projecting below the bottom of the sill with its opposite ends extending past the vertical planes of the stiles.

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

EDWARD A. KING.

Witnesses:

CHARLES L. HILDRETH,
EDWARD FISHER.