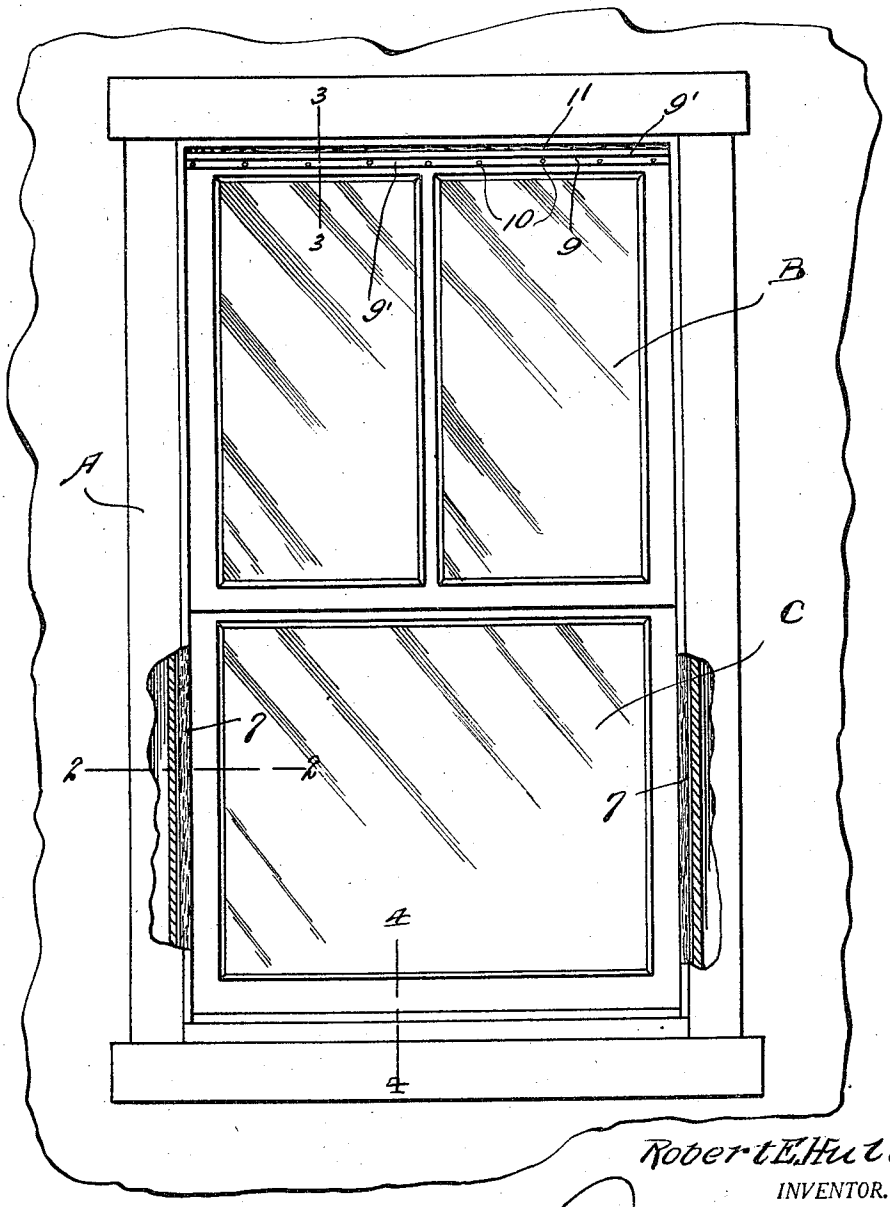
Sept. 4, 1923. 1,466,833

R. E. HULSE

COMBINED PARTING AND WEATHER STRIP FOR SLIDING SASHES

Filed Nov. 17, 1922 2 Sheets-Sheet 1

Fig. 1.



Witnesses:
F. L. Fox.
N. Berman.

Robert E. Hulse,
INVENTOR.
BY Marcus A. Brown
ATTORNEY.

Sept. 4, 1923. 1,466,833

R. E. HULSE

COMBINED PARTING AND WEATHER STRIP FOR SLIDING SASHES

Filed Nov. 17, 1922 2 Sheets-Sheet 2

Fig. 2.

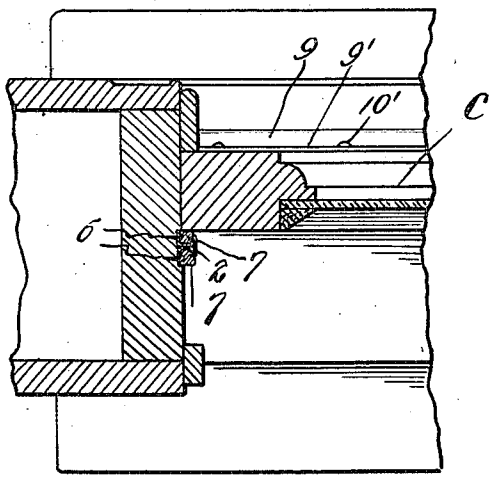


Fig. 4.

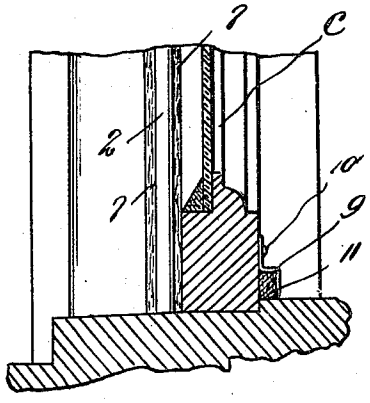


Fig. 3.

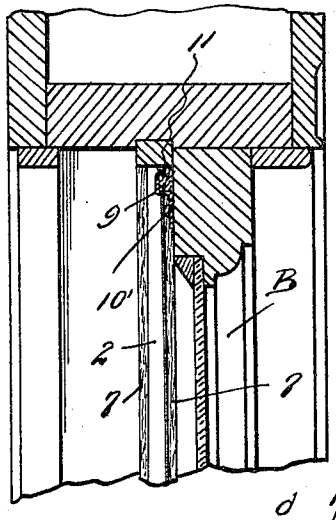


Fig. 6.

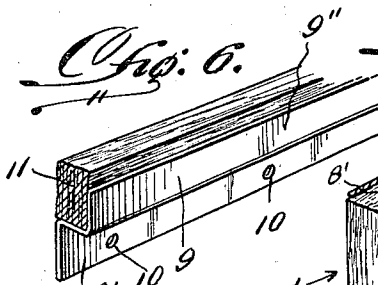


Fig. 7.

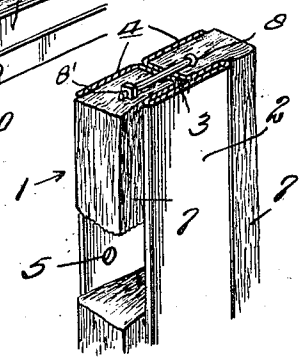
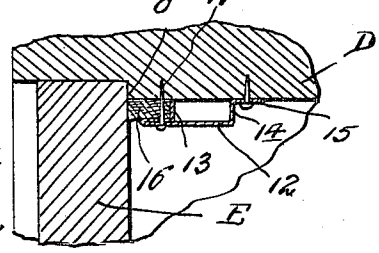


Fig. 5.



Witnesses:
F. L. Fox,
N. Berman

Robert E. Hulse,
INVENTOR.

BY Clarence A. O'Brien

ATTORNEY.

Patented Sept. 4, 1923. 1,466,833

UNITED STATES PATENT OFFICE.

ROBERT E. HULSE, OF WALL LAKE, IOWA.

COMBINED PARTING AND WEATHER STRIP FOR SLIDING SASHES.

Application filed November 17, 1922. Serial No. 601,665.

To all whom it may concern:

Be it known that I, ROBERT E. HULSE, a citizen of the United States, residing at Wall Lake, in the county of Sac and State of Iowa, have invented certain new and useful Improvements in Combined Parting and Weather Strips for Sliding Sashes, of which the following is a specification.

This invention relates to combined parting and weather strips adapted for application to the frame of sliding sashes whereby the usual wooden parting strip between the sashes may be dispensed with, and a device constructed in accordance with my invention may be applied in its stead for providing not only a parting strip between the sashes but also a weather strip therebetween for overcoming the usual rattle in the sashes, and for also preventing the passage of air between the window frame and the sash.

The nature and advantages of the invention will be better understood when the following detailed description is read in connection with the accompanying drawings, the invention residing in the construction, combination, and arrangement of parts as claimed.

In the drawings forming part of this application, like numerals of reference indicate similar parts in the several views, and wherein:—

Figure 1 is a plan view of a sliding sash frame, portions of the same being broken away for disclosing more clearly my improved stops applied thereto.

Figure 2 is a transverse cross sectional view upon the line 2—2 of Figure 1.

Figures 3 and 4 are vertical cross sectional views upon the lines 3—3 and 4—4 respectively, of Figure 1.

Figure 5 is a cross sectional view of a modified form of my invention, the weather strip being shown as applied in position to contact with the upper end of a door when the same is closed.

Figures 6 and 7 are enlarged fragmentary perspective views of the weather strips applied to the sash frames and positioned between the sliding sashes, respectively.

In the practical application of my combined parting and weather strips to a window frame A provided with the usual upper and lower sliding sashes B and C respectively, the usual parting strips at both sides of the frame and between these sashes are dispensed with and there are provided in lieu thereof strips constructed in accordance with my invention and designated in their entirety by the numeral 1, the combined parting and weather strips on the opposite sides of the frame are identical in construction, and therefore a description of one will suffice for both. These strips are substantially T-shaped, and may be and preferably are formed from a single length of sheet metal.

The strip comprises a head 2, central web 3, and oppositely extending sheet or leg portions 4, the leg or feet portions extending parallel with the head 2. The legs or feet 4 are suitably perforated as at 5 for receiving securing tacks 6, whereby the strip is advantageously mounted upon the sides of the window frame and between the sashes B and C. Between each of the legs 4, and adjacent side of the head 2, there is positioned strips of wadding 7, these strips being securely retained between the legs and head by fasteners 8, in the form of cross bolts embedded in the strips of wadding and extending through perforations in the web 3 of the metal strip 1, and being provided in one of the strips of the wadding 8 as more clearly shown in Figure 7, with a screw nut 8′. The upper sash B adjacent its top edge, and the lower sash C adjacent its bottom edge, are each provided with a longitudinally extending strip of metal 9, of substantially Z-shape and one leg of the strip, as 9′, has spaced perforations 10 and adapted for close contact with the sash frame to be secured thereto by nails, tacks or the like 10′. Between the other leg 9″ of the metal strip 9, and the surface of the sash frame, there is wedged a strip of wadding 11. It is to be understood that the edge of the wadding 11 projects beyond the edge of the leg 9″ so as to have close contact with the lintel and sill of the window frame A as shown in Figures 3 and 4.

In the modification shown in Figure 5, a door frame D has secured upon upper longitudinal side thereof and adjacent the edge of the usual shoulder "*d*" a metallic strip, formed from a single length of sheet metal and comprising a bottom wall 12, and inwardly extending, right angularly bent flanges 13 and 14, the flange 14 having an additional flange 15 formed thereon for con-

tact with the door frame D whereby the metal strip may be secured thereto by nails, tacks or the like.

Between the front flange 13 and the forward portion of the bottom wall 12, there is interposed a strip of wadding for engaging the adjacent edge of a door E when the same is closed. This strip of wadding may be retained in position by fasteners 17, which serve also as a means for securing the metal strip to the door frame.

In view of the above description, it is believed by me that the advantages and operation of an article constructed and applied as shown will be readily appreciated by those skilled in the art, and while I have herein shown and described the preferred embodiment of the present invention, it is nevertheless to be understood that minor changes may be made therein, without departing from the spirit and scope of the invention as claimed.

What I claim as new is:—

In an article of the class described, a metal strip adapted to be disposed upon sides of a window frame, and between the upper and lower sliding sashes therein, the said metal strips being of substantially T-shape including a head and central web portion, the web portion having oppositely extending legs thereon extending parallel with the head of the strip, a strip of wadding between each leg and the adjacent side of the head, and means for retaining the said strips therebetween.

In testimony whereof I affix my signature.

ROBERT E. HULSE.