

Aug. 26, 1924.

1,506,311

L. B. KNIGHT

WEATHER STRIP

Filed Feb. 8, 1923

2 Sheets-Sheet 1

Fig. 1.

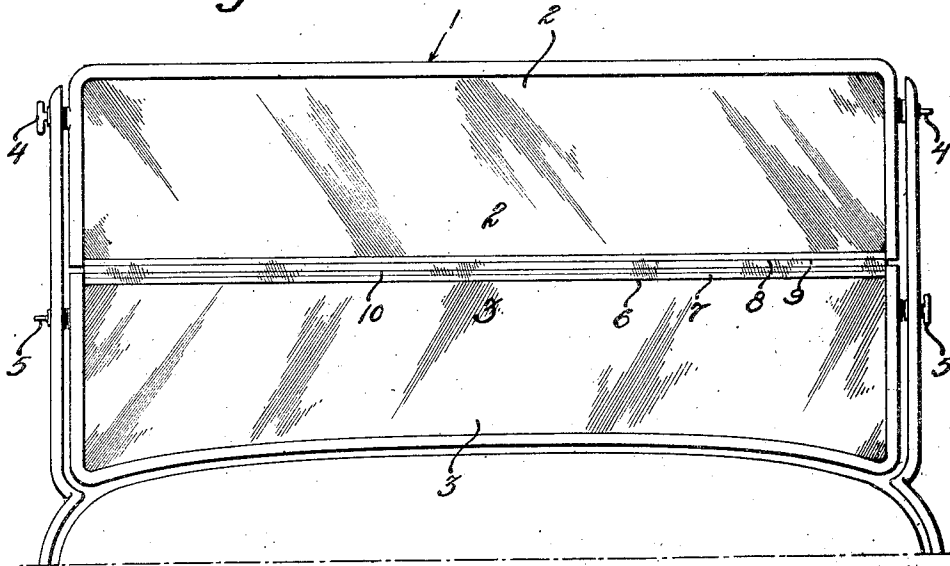


Fig. 2.

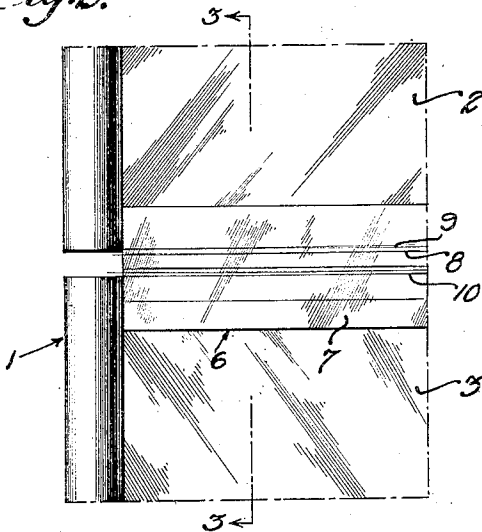
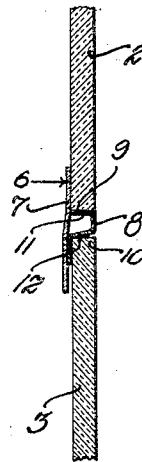


Fig. 3.



Inventor

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Witnesses:

Lyndell Goddard  
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Joshua R. T. T. T. T.  
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Aug. 26, 1924.

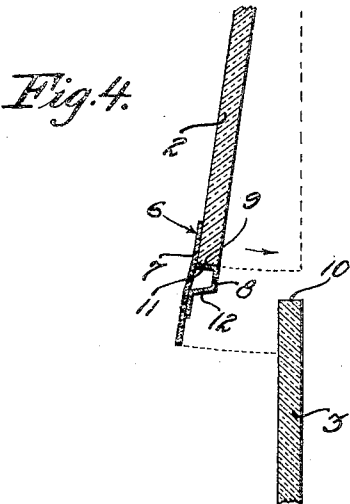
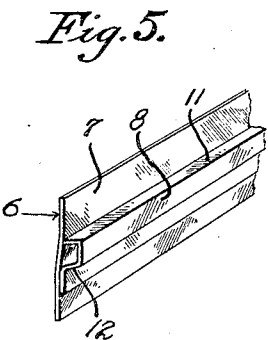
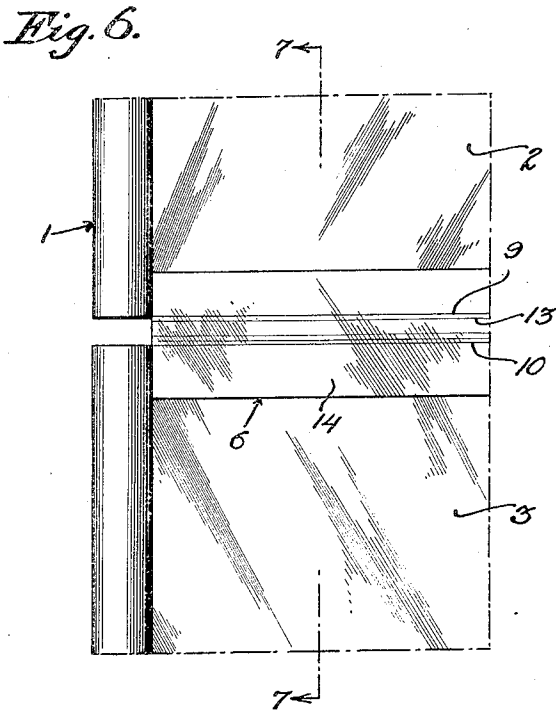
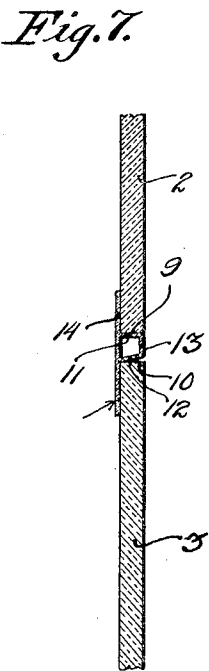
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L. B. KNIGHT

WEATHER STRIP

Filed Feb. 8, 1923

2 Sheets-Sheet 2



Witnesses:

*Ernest Brodton*  
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## UNITED STATES PATENT OFFICE.

LOUIS B. KNIGHT, OF ATLANTIC CITY, NEW JERSEY.

## WEATHER STRIP.

Application filed February 8, 1923. Serial No. 617,715.

*To all whom it may concern:*

Be it known that I, LOUIS B. KNIGHT, a citizen of the United States, residing at Atlantic City, in the county of Atlantic and State of New Jersey, have invented certain new and useful Improvements in Weather Strips, of which the following is a specification.

My invention relates to wind-shield weather-strips and its object is to provide a weather-strip which is transparent, efficient and durable and which will present a pleasing appearance.

This object, and other advantageous ends which will be described hereinafter, I attain in the following manner, reference being had to the accompanying drawings in which—

Figure 1 is a front elevation of a wind-shield having my invention applied thereto,

Figure 2 an enlarged fragmentary view of a part of the wind-shield shown in Figure 1,

Figure 3 a section on line 3—3 of Figure 2,

Figure 4 a view similar to Figure 3 showing the wind-shield moved in another position,

Figure 5 a perspective view of a weather-strip constructed in accordance with my invention,

Figure 6 a view similar to Figure 2 showing the application of a modified form, and

Figure 7 a section on line 7—7 of Figure 6.

Referring to the drawings, the numeral 1 indicates a wind-shield composed of transparent plates 2 and 3 movable relatively to each other on pivots 4 and 5. A weather-strip 6 made of transparent material, preferably celluloid, is secured to plate 2 and adapted to overlap the wind-shield plates when they are in alignment, and has a longitudinal rib 8 projecting therefrom and normally disposed between the opposed edges 9 and 10 of the wind-shield plates. The rib is formed on the strip 6 by shaping a transparent strip into a channel form and securing its edges to strip 6. The upper face 11 of the rib is preferably disposed at right angles to strip 6 and the lower face 12 is preferably disposed at a slant to face 11, thus producing a wedge shaped or beveled rib which will fit tightly between edges 9 and 10 when plates 2 and 3 are in align-

ment, thereby forming a seal against weather.

In Figures 6 and 7, I have shown a form in which the rib 13 is made an integral part of the strip 14. In all other respects the weather-strip is similar to that shown in Figure 3 and I have therefore given corresponding parts similar reference characters.

To apply my improved weather-strip to a wind-shield, the strip is glued or otherwise secured by adhesion to the upper wind-shield plate 2. The parts of the weather-strip so secured to the wind-shield plate are preferably the upper part of strip 6 and upper face 11 of the rib. The weather-strip is then ready for use.

By constructing the weather-strip of celluloid, the durability and life of the weather-strip is greatly increased since the celluloid does not readily deteriorate.

With my transparent weather-strip, the view of its user will not be obstructed and a pleasing appearance will be presented. When using the weather-strip, wind-shield plate 2 which has my transparent weather-strip secured thereto is moved into vertical alignment with wind-shield plate 3 as shown in Figure 3 and rib 8 of the weather-strip will fit between edges 9 and 10, thus forming a seal against weather.

While I have described my invention as taking a particular form, it will be understood that the various parts of my invention may be changed without departing from the spirit thereof, and hence I do not limit myself to the precise construction set forth, but consider that I am at liberty to make such changes and alterations as fairly come within the scope of the appended claims.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:—

1. A weather strip comprising a transparent strip and a transparent rib projecting from the strip and adapted to fit between the opposed edges of a pair of windshield glass plates, the upper side of the rib being secured to the edge of one of the glass plates and the adjacent face of the strip being secured substantially throughout its length to the side of the glass plate.

2. A weather strip comprising a transparent strip and a transparent beveled rib projecting from the strip and adapted to fit between the opposed edges of a pair of

windshield glass plates, one side of the rib being secured to the edge of one of the glass plates and the adjacent face of the strip being secured to the side of the glass plate.

5 3. A weather-strip comprising a transparent strip adapted to overlap wind shield glass plates, and a transparent rib projecting from the strip and adapted to fit between the opposed edges of the plates, the  
10 upper side of the rib being secured to the edge of one of the glass plates and the adjacent face of the strip being secured substantially throughout its length to the side of the glass plate.

15 4. A weather strip comprising a transparent strip and a hollow transparent rib projecting from the strip and adapted to fit between the opposed edges of a pair of wind-

shield glass plates, one side of the rib being secured to the edge of one of the glass plates and the adjacent face of the strip being secured to the side of the glass plate. 20

5. A weather strip comprising a transparent strip and a transparent rib projecting from the strip and adapted to fit between the opposed edges of a pair of windshield glass plates, the rib consisting of a channel-shaped strip having its edges secured to the transparent strip. 25

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses. 30

LOUIS B. KNIGHT.

Witnesses:

ELIZABETH GARBE,  
CHAS. E. POTTS.