O. PETERSEN.

EDGE SUPPORT FOR ROOFS.

APPLICATION FILED FEB. 24, 1921.

1,427,412. Patented Aug. 29, 1922.

FIG. 1.

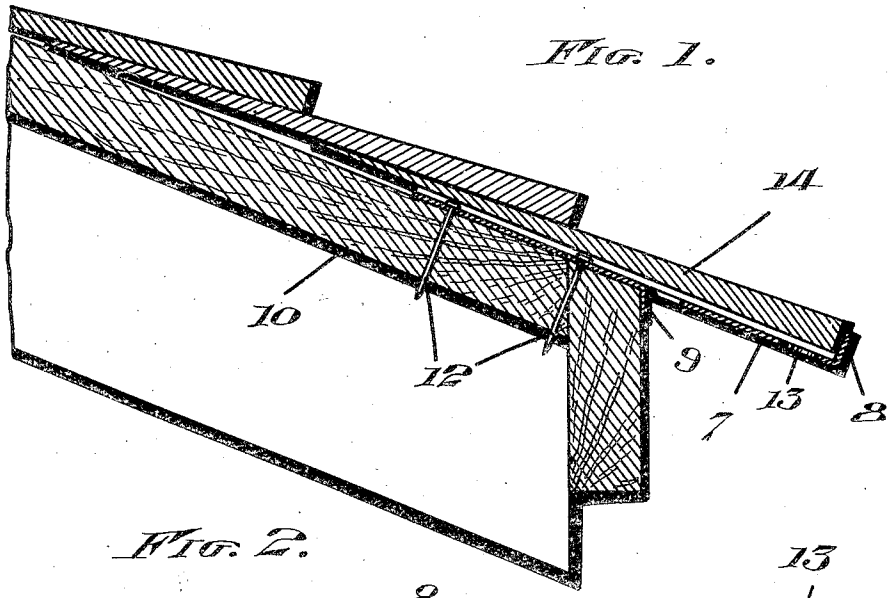


FIG. 2.

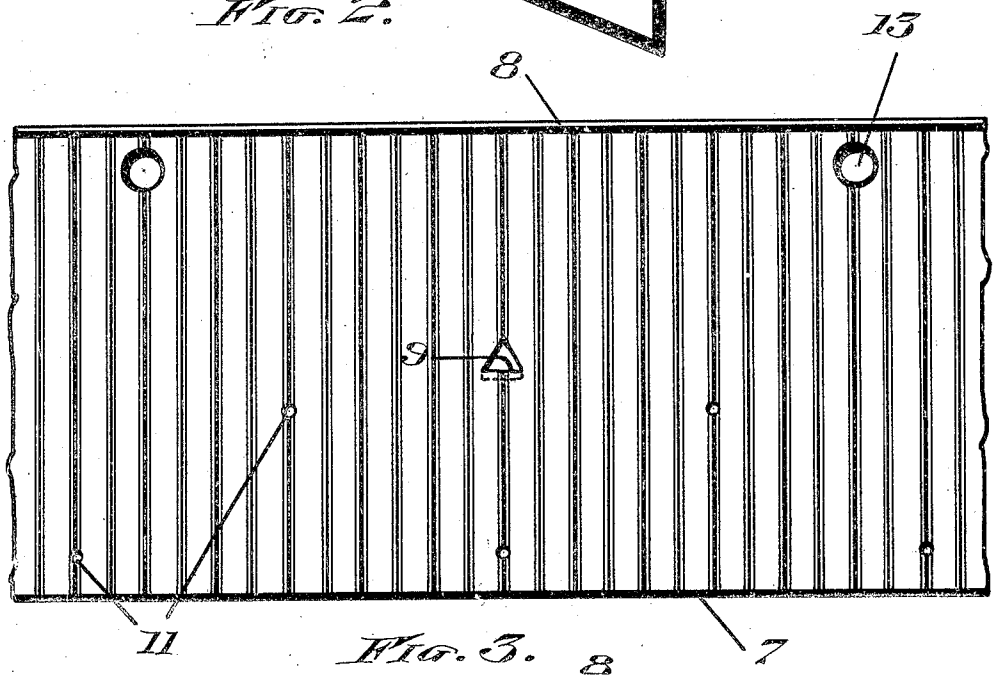
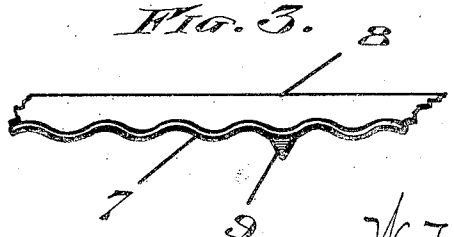


FIG. 3.



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EDGE SUPPORT FOR ROOFS.

1,427,412. Specification of Letters Patent. Patented Aug. 29, 1922.

Application filed February 24, 1921. Serial No. 447,527.

To all whom it may concern:

Be it known that I, ORSLOW PETERSEN, a citizen of the United States, residing at Cedar Falls, in the county of Black Hawk and State of Iowa, have invented certain new and useful Improvements in Edge Supports for Roofs; 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 present invention relates to a device for supporting and protecting the shingles, slates or sheets of a roof along the edges of the roof, and aims to provide a novel and improved device of that character which is simple and inexpensive in construction, as well as thoroughly practical and efficient in use.

It not infrequently happens that the projecting portions of the shingles, slates, sheets or other roofing will bend down or break off at the edge of the roof. For example, asphalt or composition shingles or sheets are inclined to become soft in warm weather, so that the portions thereof projecting beyond the edges of the roof will bend or hang down. Also, in cold weather, such shingles or roofing is apt to break and crumble, especially if an object leans against the edge of the roof, such as a ladder. With such objections to overcome, the present device has been designed for application to the roof along the edges thereof for supporting and protecting the shingles or other roofing where same projects, and providing a neat and finished appearance.

With the foregoing and other objects in view, which will be apparent as the nature of the invention is more fully understood, the invention resides in the construction as hereinafter described and claimed, it being understood that changes can be made within the scope of what is claimed without departing from the spirit of the invention.

The invention is illustrated in the accompanying drawing, wherein:—

Figure 1 is a cross section of the device as applied.

Fig. 2 is a plan view of a fragmentary portion of one of the plates or strips constituting the device.

Fig. 3 is an edge view thereof.

The device comprises a strip or plate 7 of sheet metal or other suitable stiff material of suitable width, and supplied in suitable lengths. This strip 7 has transverse corrugations to stiffen said strip transversely, and the strip is formed along its outer or lower edge with an upturned flange 8 extending longitudinally along said edge. The strip has spurs or lugs 9 struck downwardly therefrom away from the flange 8, at a suitable point between the edges of the strip, and at suitable intervals along the length of the strip. The inner edge portion of the strip overlaps and is secured on a sheathing or boards 10 of the roof frame, and said strip may be inclined transversely thereof when used at the lower edge of an inclined roof. The spurs 9 provide stops to bear against or abut the cornice or edge of the roof, as seen in Fig. 1, for conveniently applying the strip, and the strip is provided with nail holes 11 between the inner edge of the strip and the longitudinal line in which the spurs 9 are disposed, whereby the inner portion of the strip can be readily secured on the roof by means of nails 12, or the like, driven downwardly through the apertures into the sheathing or boards 10. The outer portion of the strip projects beyond the cornice or edge of the roof frame, and is braced or stiffened by the transverse corrugations of the strip or plate, to resist the bending or displacement of the projecting portion of said strip. The strip 7 is formed at longitudinal intervals along its outer edge, adjacent to the flange 8, with drain holes or apertures 13 through which water can drain downwardly from the trough formed by said flange.

In using the device, the strip 7 is nailed or otherwise secured on the edge portion of the roof, the spurs or stops 9 serving to conveniently position the strip by placing the inner portion of the strip on the roof and sliding the strip transversely until the spurs or stops strike the edge or cornice of the roof. Then, after the strip is nailed down, the shingles 14, slates or other roofing is laid and fastened down, as usual, and the strip will enable the first row of shingles or slates to be positioned conveniently, by having the lower or outer ends thereof abut the flange 8. The projecting portion of the shingles, slates or sheets are therefore supported by the device, and are also protected against being broken down or off by a ladder or other object leaning against the edge of the roof. Furthermore, the strip will give a neat and finished appearance to the

edge of the roof, as well as facilitating the laying of the first or lower rows of shingles or slates. Any water that passes down under the edge of the roofing behind the flange 8 can drain out through the apertures or holes 13, and the corrugations of the strip provide upper and lower grooves extending transversely across the edge of the roof frame for the drainage of water as well as the passage of air to preserve the shingles at the edge of the roof.

Having thus described the invention, what is claimed as new is:—

1. An edge support for roofs comprising a strip to extend along an edge of a roof frame with one edge portion overlapping said frame to be secured thereon, and having an upturned flange at its opposite edge for the abutment of the edge of the roofing resting on said strip, said strip having transverse corrugations for stiffening it and providing grooves under the roofing extending across the edge of the roof frame.

2. An edge support for roofs comprising a strip to extend along an edge of a roof frame with one edge portion overlapping said frame to be secured thereon, and having an upturned flange at its opposite edge for the abutment of the edge of the roofing resting on said strip, said strip having transverse corrugations for stiffening it and providing grooves under the roofing extending across the edge of the roof frame, and spurs struck downwardly from said strip between the edges thereof to bear against the edge of the roof frame.

3. An edge support for roofs comprising a strip to extend along an edge of a roof frame, with one edge portion overlapping said frame to be secured thereon, and having an upturned flange at its opposite edge for the abutment of the edge of the roofing resting on said strip, said strip having transverse corrugations for stiffening it and providing grooves under the roofing extending across the edge of the roof frame, said strip having drain apertures adjacent to said flange.

4. An edge support for roofs comprising a strip to extend along an edge of a roof frame with one edge portion overlapping said frame to be secured thereon, and having an upturned flange at its opposite edge for the abutment of the edge of the roofing resting on said strip, said strip having transverse corrugations for stiffening it and providing grooves under the roofing extending across the edge of the roof frame, said strip having spurs downstruck therefrom between its edges to bear against the edge of the roof frame, and also having drain apertures adjacent to said flange.

5. An edge support for roofs comprising a strip to extend along one edge of a roof frame with one edge portion overlapping said frame to be secured thereon, said strip having an upturned flange along its opposite edge for the abutment of the edge portion of the roofing bearing on said strip, said strip having downstruck spurs between its edges to bear against the edge of the roof frame, and also having drain apertures adjacent to said flange.

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

ORSLOW PETERSEN.

Witnesses:

LIZZIE LEMMER,

J. F. DEMPSTER.