May 30, 1944. A. M. ZIMMERS 2,350,142

SECTIONAL ROOF COVERING

Filed Oct. 6, 1941

FIG. 1.

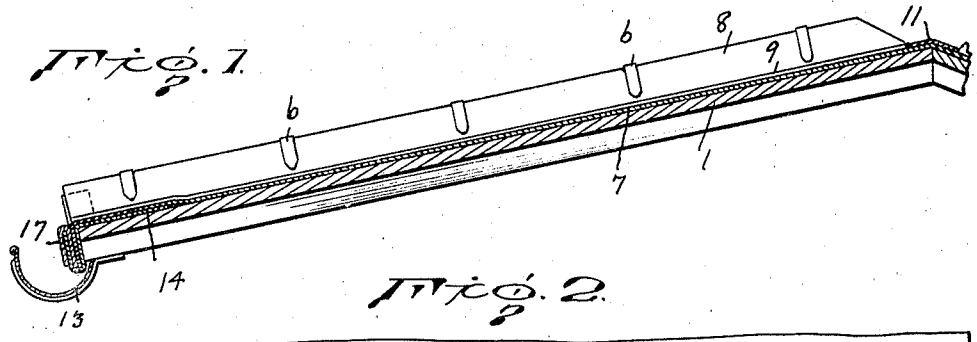


FIG. 2.

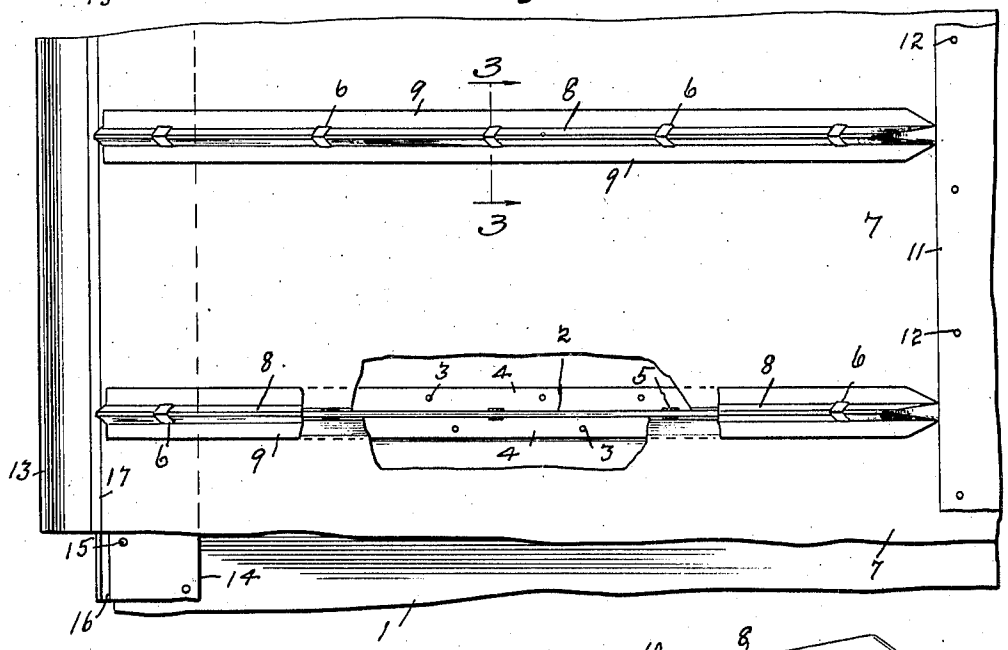


FIG. 3.

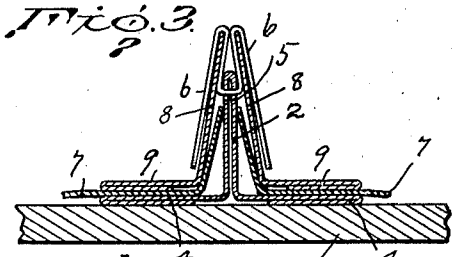


FIG. 4.

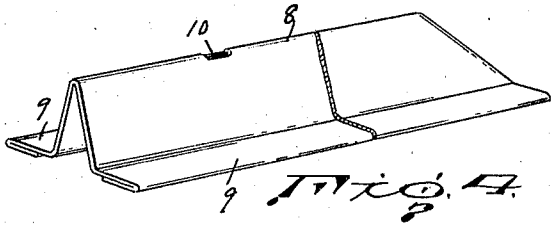


FIG. 5.

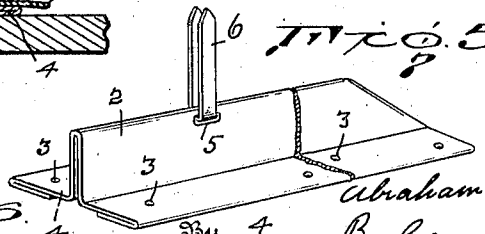
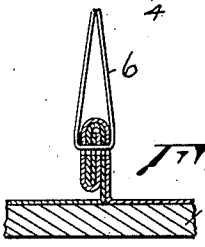


FIG. 6.



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SECTIONAL ROOF COVERING

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Application October 6, 1941, Serial No. 413,859

2 Claims. (Cl. 108—21)

This invention relates to improvements in roof covering and has for its object to provide a simple and efficient means for covering a roof by means of individual sections of roofing felt whereby should one or more sections become worn out, or damaged, the said section, or sections, can be readily removed and replaced with a new section, or sections, without disturbing the remaining sections of the covering.

A further object of my invention is to so construct the parts that they can be used over a tin roof that has become worn, and the raised runners used as a part of the fastening means for the felt holding caps.

The invention consists of the novel construction and arrangement of the parts and combination of parts hereinafter more fully set forth in the following specification and pointed out in detail in the appended claims.

In the accompanying drawing—

Figure 1 is a section of a portion of a roof showing my invention applied thereto.

Figure 2 is a plan view of Figure 1.

Figure 3 is a section on the line 3—3 of Figure 2.

Figure 4 is a detail perspective view of one of the holding caps, the same being broken easily.

Figure 5 is a detailed perspective view of one of the runners which are secured to the roof, and showing one of the fastening clips in position ready to be passed through one of the apertures in the holding caps.

Figure 6 is a detail section of a modification in which the raised runners of a tin roof are used to hold the clips and over which the holding caps fit.

In the accompanying drawing, forming a part of this specification, and in which like reference numerals designate like parts throughout the several views thereof, 1 designates a roof of wood and 2 the raised runners which are fastened to the roof 1 by nails, or other suitable means, through the holes 3 in the flanges 4, and are spaced apart at a suitable distance, usually about the same distance as the raised runners of an ordinary tin roof. The runners 2 are provided with a number of apertures 5 spaced at a predetermined distance apart through which the clips 6 project. When all the runners 2 have been secured in position on the roof, the roofing sections of felt, or paper, 7 is placed in position on the roof between the runners 2 with the sides projecting upwardly against the sides of the runners, as shown in Figure 3 of the drawing. The holding caps 8 are then placed on the runners with the flanges 9 resting on the roofing felt and the clips 6 projecting through the apertures 10 of the holding caps. The holding caps 8 are then pressed down and the clips 6 bent down to hold the caps 8 securely in position on the runners 2, as shown in the Figure 3 of the drawing. At the cornice of the roof is a metal piece 11 resting on the roofing felt and held in position by nails through the holes 12. At the eaves of the roof is the usual gutter 13, and just above the gutter 13 is a metal piece 14 secured to the roof by nails through the holes 15. This metal piece 14 has a downwardly-projecting grooved flange 16 into which the end of the roofing felt 7 projects, and a metal piece 17 is bent over and projects into the groove of the flange 16 and holds the end of the roofing felt securely therein.

It will thus be seen from the foregoing, whenever any of the sections of the roofing felt become worn or damaged, the same can be readily removed by bending the fastening clips 6 back and raising the holding caps and then removing the felt and replacing same by a new piece, and the holding caps again placed in position on the runners and the clips 6 bent down as heretofore described.

Having thus described my invention, what I claim is:

1. In combination with a conventional metal roofing in sections having upstanding seamed joints formed for joining the sections of the same together, of a repairing unit comprising in combination, a set of cap members of material bent in inverted V-form arranged to cover over joints of said roofing and fit closely thereto, said runners having holes adjacent their apexed portion, a flexible roofing portion placed between said joints on either side of a section of the roofing having upstanding flanges arranged alongside of said joint and clamped in place thereon by the members placed thereon over the joints, and clips fastened to the joints and passing through the holes in the members for fastening the runners in place as aforesaid, with the said roofing portion in between.

2. In combination with a metal roofing having conventional upstanding joints formed at the edge portions thereof in bent and overlapping seams, of a roof repairing unit comprising in combination, a section of substitute roofing of flexible material adapted to fit between two adjacent joints in the roofing bordering on a section of same and overlap same, a pair of apexed holding caps adapted to straddle over the substitute roofing on the joints and bear down closely thereon on two surfaces apexed over the joints, said caps having spaced holes adjacent the apexed line thereof, and clips attached to the joints extending through said holes and bent from the apex portion of the caps down along the sides of the caps to hold same securely in place over the joints and substitute roofing thereon.

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