F. G. WELLENDORF.

ROOFING BRACKET.

APPLICATION FILED MAR. 9, 1915.

1,201,779. Patented Oct. 17, 1916.

FIG. 2

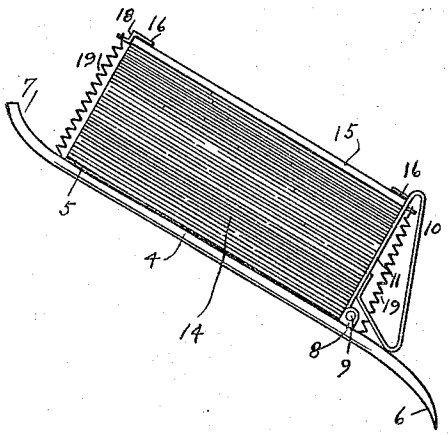
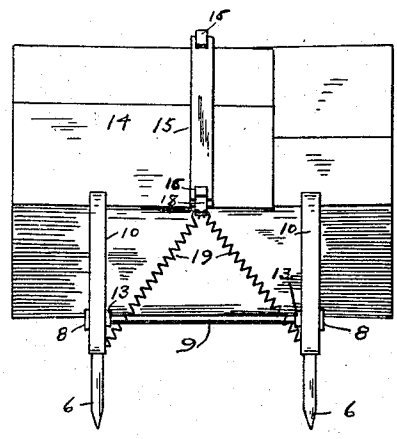


FIG. 3



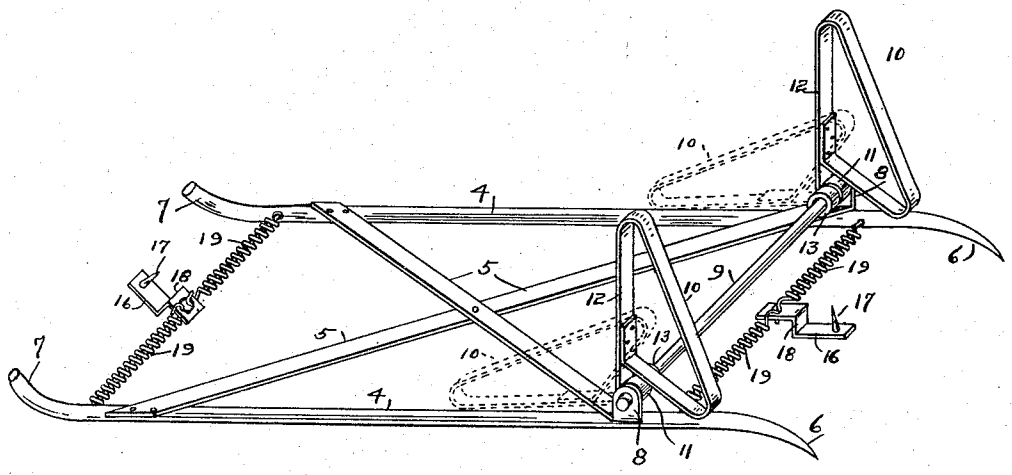


FIG. 1

WITNESSES:

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ROOFING-BRACKET.

1,201,779. Specification of Letters Patent. Patented Oct. 17, 1916.

Application filed March 9, 1915. Serial No. 13,236.

To all whom it may concern:

Be it known that I, FRANK G. WELLENDORF, a citizen of the United States, and a resident of Ashton, in the county of Osceola and State of Iowa, have invented certain new and useful Improvements in Roofing-Brackets, of which the following is a specification.

The present invention relates to shingling brackets.

The invention has for its primary object the production of an improved shingling bracket simple and inexpensive in construction and highly efficient in operation.

Another object of the invention is the production of an article of this character embodying improved means for preventing displacement of the shingles.

With these and other objects in view, the invention, consisting in the construction, combination and novel arrangement of parts, will be fully understood from the following description, reference being had to the accompanying drawings which form a part of this application and in which like characters of reference indicate corresponding parts throughout the several views, of which,—

Figure 1 is a perspective view of a shingling bracket constructed in accordance with the invention; and Figs. 2 and 3 are side and front elevations, respectively, of the same, a bundle of shingles being mounted thereon.

Although I have illustrated and hereinafter described the preferred embodiment of the invention, I would not be understood as being limited to the specific structure chosen for illustration, for various alterations and modifications in the details of construction and arrangement of parts may be made without departing from the spirit and scope of the invention as defined by the appended claim.

Referring now to the illustrations, 4 represents parallel side members, interconnected by diagonal cross members, 5, the lower ends of the former members being curved downwardly and pointed to form gaffs, or spurs 6, adapted to engage the roof. The upper ends of the said side members are curved slightly upwardly, as at 7, to permit the device being slid up the roof. The lower ends of the cross members 5 are turned upwardly forming ears, 8, inclosing a transverse rod, 9, upon which are mounted brackets, 10, suitable for the support of the shingles.

The brackets are preferably triangularly shaped and each comprises a single metal strip having one end formed in a circular loop, 11, to encircle the rod 9, the adjacent portion, 12, of the strip being tangential to the loop and normally disposed at right-angles to the frame. The remaining portion of the strip is then bent forwardly and downwardly to normally engage the side members of the frame and thus prevent forward displacement of the bracket, and then rearwardly, the extreme end being bent parallel with and secured to the portion 12. Inward displacement of the brackets is prevented by collars, 11, encircling the rod 9 adjacent the inner sides of the brackets.

Figs. 2 and 3 show the device in an inclined position, as when in use and having a bunch of shingles, 14, mounted thereupon.

As is well known, shingles are bound together in bundles by wood strips which embrace opposite sides of the bundle and the corresponding ends of which are interconnected by sheet-metal strips. In employing my device a bundle of shingles is placed upon the frame and the familiar metal strips severed, or removed as shown. The uppermost wood strip, 15, is then yieldably secured to the frame. For this purpose I provide spurs adapted to be removably secured to the ends of the strips 15, as the plates, 16, armed with spikes, 17, adapted to be removably driven into the said strips. The said plates extend beyond the ends of the strip, are formed with off-set portions, 18 which embrace the ends of the strip and the extended ends are connected by retracting springs, 19, with the side members of the frame. By virtue of the structure now disclosed, it is evident that the shingles are held secure against displacement, yet they may be conveniently withdrawn from the bundle by a workman.

The device may be readily pushed up a steep roof and supported at any point thereon by the spurs 6.

When not in use the bracket occupies comparatively little space as the arms turn downwardly to the positions shown by dotted lines in Fig. 1.

Having thus described the invention, what I claim as new and desire to secure by Letters Patent of the United States, is,—

In a shingling-bracket, the combination

with a shingle-bundle support and a cross member adapted to extend transversely across the bundle, of members adapted to be detachably secured to the ends of the cross member, and pairs of springs, each pair connecting said second members, with the sides of the support.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

FRANK G. WELLENDORF.

Witnesses:
R. M. YAPPEN,
F. KLOSTERMANN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."