No. 673,218. Patented Apr. 30, 1901.

L. PANNER.

RIDGE CAP.

(Application filed May 10, 1900.)

(No Model.)

Fig. 1.

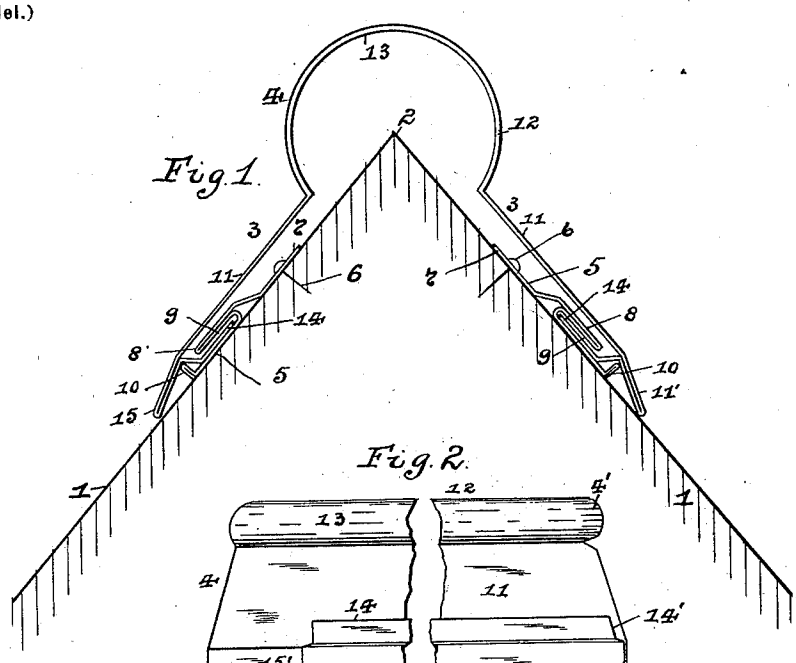


Fig. 2.

Fig. 4.

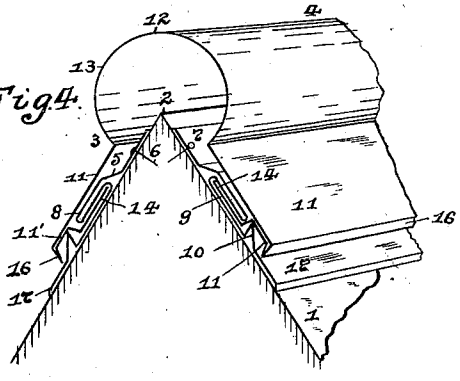


Fig. 5.

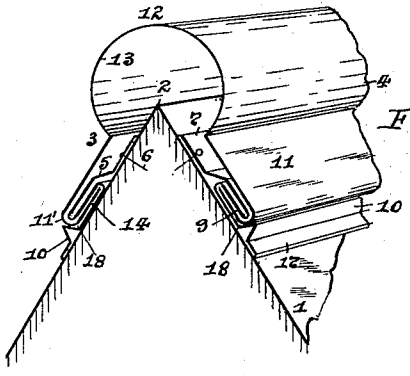
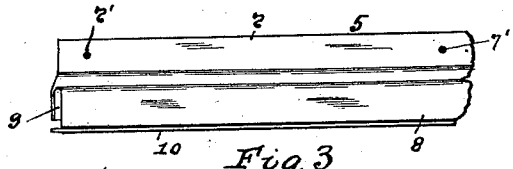


Fig. 3.



Witnesses:
James L. Wehn.
J. L. Freyaller

Inventor.
Louis Panner.
By J. N. Cooke,
Attorney.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

LOUIS PANNER, OF PITTSBURG, PENNSYLVANIA.

RIDGE-CAP.

SPECIFICATION forming part of Letters Patent No. 673,218, dated April 30, 1901.

Application filed May 10, 1900. Serial No. 16,156. (No model.)

To all whom it may concern:

Be it known that I, LOUIS PANNER, a resident of Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Improvement in Ridge-Caps; and I do hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to ridge-caps for roofs, and has for one object to provide such a form of cap which can be easily and quickly applied to the hips and ridges of roofs, as well as one which will overcome the leakage of water through the roof into the building.

A further object of my invention is to provide a cap which can be securely fastened and held in place, will prevent exposure of the nails to the weather, and will be held in place during the action of the elements or by any other pressures upon the same.

My invention consists, generally stated, in the novel arrangement, construction, and combination of parts, as hereinafter more specifically set forth and described, and particularly pointed out in the claims.

To enable others skilled in the art to which my invention appertains to construct and use my improved ridge-cap, I will describe the same more fully, referring to the accompanying drawings, in which—

Figure 1 is a sectional view of the ridge of a roof, showing my improved cap applied thereto. Fig. 2 is a longitudinal section showing the inside of the cap. Fig. 3 is a plan view of the locking-strip, and Figs. 4 and 5 are perspective views of other forms of my invention.

Like numerals of reference indicate like parts in each of the figures of the drawings.

1 represents the roof, and 2 the ridge or hip thereof, to which is applied my improved covering 3, composed of the cap 4 and locking-strips 5, formed of sheet metal, preferably galvanized and suitably bent to shape. The nail-strips 5 are fastened or secured to each side of the ridge or hip 2 of the roof 1 by means of nails 6, which pass through the upper sides 7 of said strips 5 and into the roof. The lower portions 8 of said strips are reflexed, so as to form grooves 9, the strips terminating at their lower edges in upwardly-extending projections 10. The cap 4 is provided with the sides 11, and its apex 13 is made of a circular or other desired form. At the lower edges of the sides 11 are the hooded portions 15, the metal being then reflexed on itself, so as to extend over the projections 10, and having tongues 14, adapted to extend or fit into the grooves 9 in the nail-strips 5.

The manner of constructing and applying my improved ridge cap or covering is as follows: A piece of sheet metal of suitable width and length to form the cap 4 is bent to shape in any suitable manner to form the sides 11 and apex 12, with the lower ends 11′ of the sides 11 bent inwardly to form the hoods 15 and tongues 14, and the lower ends 11′ are cut away, as at 14′, in order to permit of the easy insertion of tongues 14 within the grooves 9 of the strips 5. The hoods 15 are also cut away at 15′ in order to permit the easy insertion of one end of one cap-section within another, and such inserted end is preferably fluted and bent inwardly, as at 4′. A piece of sheet metal of suitable width and length to form the locking-strip 5 is bent to shape in any suitable manner to form the upper side 7, groove 9 on lower side 8, and the projection 10 thereon, while holes 7′ can be punched in the side 7 for the insertion of the nails or other fastening means.

When it is desired to apply my improved cap or covering 3 to the roof 1, all that is necessary is to secure a locking-strip 5 on each side of the ridge or hip 2 in the proper place by means of nails 6, passing through the holes 7′ in the upper sides 7 of the strips 5 and into the roof, when the cap 4 can be secured to said roof 1 and over the ridge or hip 2 by inserting ends of the tongues 14 on the sides 11 of said cap 4 within the grooves 9 on the end of the locking-strips 5 and sliding the same along said grooves 9 into position. The locking-strips 5 can be made in sections and so secured in place upon the roof 1, and as the caps 4 of the covering 3 are generally made in sections the fluted bent end 4′ of one cap 4 is inserted within the end of the opposite section, with the sides 11 of said cap 4 fitting within the cut-away portions 15′ of the hoods 15, and each section of the cap 4 can be secured and locked onto the strips 5 and fitted within its opposite section in like manner.

In Fig. 4 there is shown another form of my improved covering, which does away with

the hoods 15 on the lower ends of the caps 4 and provides for the formation of an inwardly-extending projection 16, which is formed on the lower ends 11′ of the sides 11, and such lower ends 11′ being bent to form the tongues 14. The locking-strips 5 in this case are provided with the downwardly-extending portions 17, which extend beyond the projections 10, and the projections 16 on the caps 4 are adapted to extend down onto or adjacent to said portions 17 to direct the elements, dirt, &c., from said caps 4 onto the portions 17 and thence onto the roof 1.

In Fig. 5 is shown another form of my invention in which the sides 11 of the caps 4 are simply bent at their lower ends 11′ to form the tongues 14, and the use of the hoods 15 and projections 16 is done away with, so that in this case the lower ends 11′ of the sides 11 fit against the projections 10 on the strips 5, and said strips 5 act to form a gutter 18 between the projections 10 and the grooves 9 on said strips 5 to catch the elements, dirt, &c., from the caps 4. The strips 5 can also be provided with the downwardly-extending portions 17 beyond the projections 10 to direct any of the elements, dirt, &c., onto the roof 1 and not caught by the gutter 18, as above described.

Various other modifications and changes in the construction and design of the various parts of my improved covering for the hips and ridges of roofs may be resorted to without departing from the spirit of the invention or sacrificing any of its advantages.

It will thus be seen that my improved ridge-cap is cheap and simple in its construction and application to roofs or buildings, and by its use all leakage through the roofs into the building is overcome at the joints of the hips or ridges. It forms a tight-locked joint when in place, so as to withstand any pressures upon the same from the elements or other causes, and will always remain securely in position. It prevents the exposure of the fastening-nails to the weather and presents a neat and attractive appearance to the eye.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A ridge-cap for roofs, comprising metallic nailing-strips adapted to be secured to said roof so as to extend parallel to the ridge thereof on each side and having retaining-grooves therein formed by reflexing the strips laterally on themselves and also having upwardly-extending projections below said grooves; and a metallic cap-piece having hooded portions adapted to extend over said projections and tongues adapted to engage with the grooves in the nailing-strips, said tongues being formed by reflexing laterally the sides of said cap-piece.

2. A ridge-cap for roofs, comprising metallic nailing-strips adapted to be secured to said roof so as to extend parallel to the ridge thereof on each side and having retaining-grooves formed therein by reflexing the strips laterally on themselves, and having also upwardly-extending projections below said grooves; and a metallic cap-piece adapted to be secured to said nailing-strips by tongues thereon engaging with said grooves in the nailing-strips said tongues being formed by reflexing laterally the sides of said cap-piece.

In testimony whereof I, the said LOUIS PANNER, have hereunto set my hand.

LOUIS PANNER.

Witnesses:
J. N. COOKE,
J. L. TREFALLER.