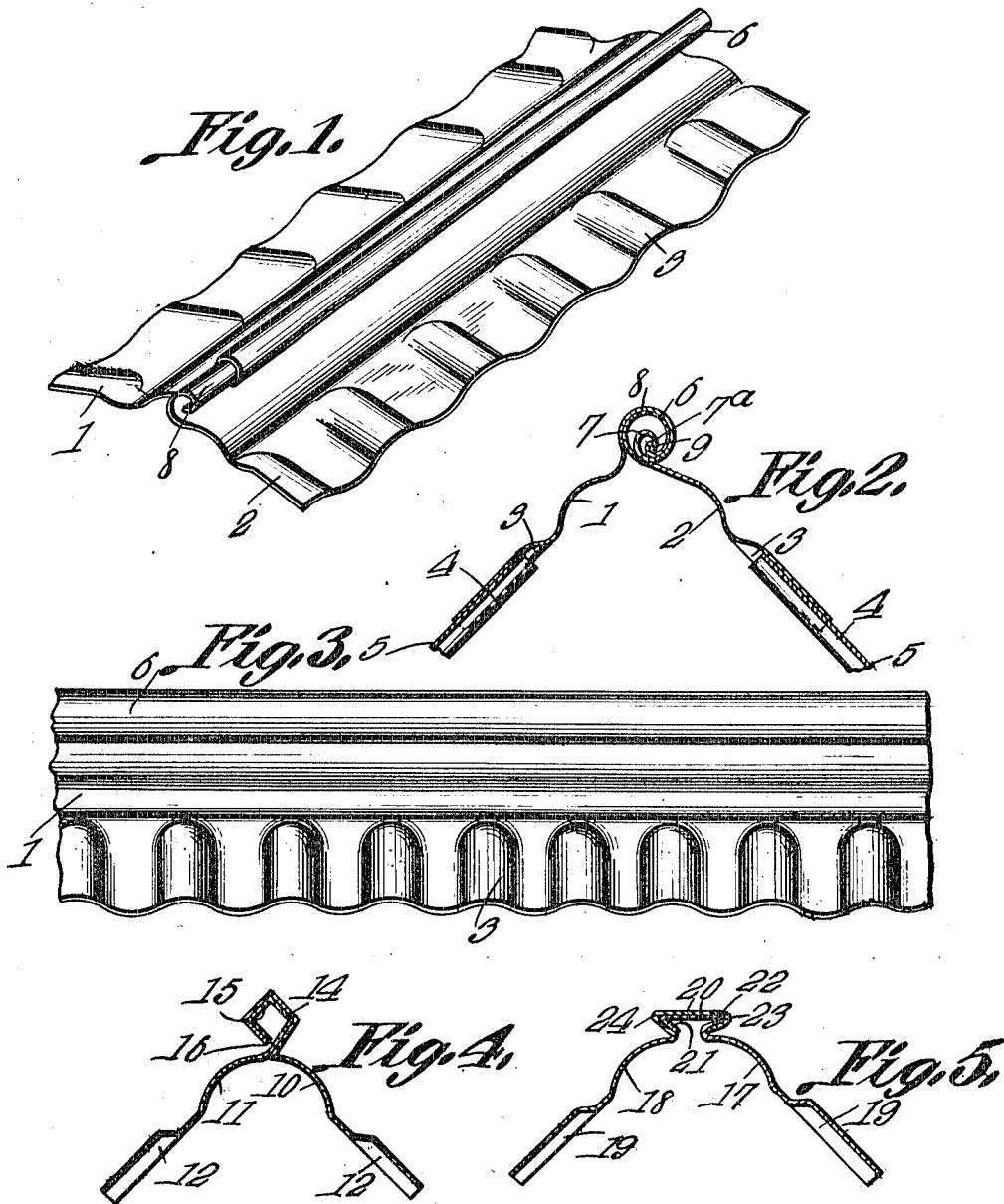


W. F. NORMAN.
RIDGE CAP.
APPLICATION FILED APR. 1, 1912.

1,090,334.

Patented Mar. 17, 1914.



Witnesses

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UNITED STATES PATENT OFFICE.

WILLIAM F. NORMAN, OF NEVADA, MISSOURI.

RIDGE-CAP.

1,090,334.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WILLIAM F. NORMAN, a citizen of the United States, residing at Nevada, in the county of Vernon and State of Missouri, have invented a new and useful Ridge-Cap, of which the following is a specification.

One object of the present invention is to provide a ridge cap the constituent members of which are adjustable longitudinally to permit the corrugations thereof to engage with the corrugations of the roofing.

A further object of the present invention is to provide a ridge cap the members of which are pivotally connected to permit the cap to conform to the pitch of the roof.

A further object of the invention is to provide a novel form of bead for movably connecting the members of a ridge cap.

In the drawings,—Figure 1 shows one form of the invention in perspective; Fig. 2 is a transverse section of the structure shown in Fig. 1; Fig. 3 is a fragmental plan of one of the ridge members forming the cap depicted in Fig. 1; Fig. 4 is a transverse section showing a modified form of the invention; and Fig. 5 is a transverse section showing another form of the invention.

The cap herein disclosed comprises the anticlinal ridge members or leaves 1 and 2 provided at their lower edges with transverse corrugations 3 adapted to engage corrugations 4 of the roofing 5.

The members 1 and 2 of the cap are provided at their meeting edges with interfitting beads or rolls adapted to be slid longitudinally upon each other so that the corrugations 3 of the cap may coincide with the corrugations 4 of the roofing 5. The interfitting beads further permit the members 1 and 2 to be moved pivotally upon each other so that they will conform to the pitch of the roof.

The bead of the ridge member 1 comprises a roll or outer volute 6, extended downwardly, and having its edge 7^a bent back into an inner volute or hook 7 extended upwardly and then downwardly within the outer volute or roll 6.

The bead of the member 2 consists of an upwardly extended volute or roll 8 closely engaged in the volute or roll 6, the edge of the volute or roll 8 being bent back into a hook or upstanding flange 9 adapted to interengage with the hook 7. The hook 7 is larger than the hook 9 and extends loosely

around the hook 9 so as to enter the same. It must be observed that the hook 9 has a slight play within the hook 7, in order that the two leaves may have slight pivotal movements with respect to each other, it being observed, however, that when the leaves are spread, the hooks 7 and 9 will be interlocked tightly with each other to effect a perfect joint. It may even be possible for the hook 7 to spring slightly when the leaves are spread, it being apparent that when the leaves are spread or swung away from each other, the tips of the hooks will move toward each other, and conversely, when the leaves are swung toward each other, the tips of the hooks will be separated. The beads of the members 1 and 2 are therefore interengaged for pivotal movement parallel to the corrugations 3, and for sliding movement at right angles to the corrugations.

In that form of the invention which appears in Fig. 4, the ridge members 10 and 11 are provided with corrugations 12 adapted to engage the corrugations of the roofing. The member 10 terminates in an angular, box-like bead 14 receiving a similar, angular, box-like bead 15 fashioned upon the member 11. The ends of the beads 14 and 15 terminate in flush relation and are spaced from the body portion of the bead 15 as indicated at 16. Although the construction shown in Fig. 4 permits longitudinal movement of the members 10 and 11, it is not adapted to permit a pivotal movement.

In that form of the invention which appears in Fig. 5 the ridge members 17 and 18 are provided with corrugations 19, hereinbefore described. The members 17 and 18 terminate in flat beads 20, one of which beads is provided with a terminal hook 21 and with an opposed bend 22. The other bead is provided with a terminal hook 23 and with an opposed bend 24. The hook 23 engages over the outside of the bend 22 and the hook 21 fits within the bend 24. The device shown in Fig. 5 permits sliding adjustment between the members 17 and 18 but does not admit of a pivotal adjustment therebetween.

Referring particularly to Figs. 2, 4 and 5, it will be observed that in all forms of the invention, the transverse corrugations are terminated short of the interfitting beads. Between the ends of the transverse corrugations and the interfitting beads, in each of the constituent members, a longitudinally

extended corrugation is formed. This longitudinally extended corrugation serves to reinforce the members longitudinally, so that the beads may slide readily upon each other, 5 thereby permitting the transverse corrugations of the members to be alined with the transverse corrugations of the roofing.

Having thus described the invention what is claimed is:—

- 10 A ridge cap embodying two anti-clinal leaves, the adjoining edge portions of which are curled to one side against one leaf, the curled portion of the said leaf fitting snugly within the curled portion of the other leaf, 15 and terminating in a relatively small hook, the other curled portion terminating in a

yieldable involute hook spaced from the aforesaid curled portion and entering the aforesaid hook, and the first mentioned hook working within the last mentioned hook to 20 permit the leaves to have limited swinging movements with respect to each other, and in order that when the leaves are spread, the hooks will tightly interlock.

In testimony that I claim the foregoing 25 as my own, I have hereto affixed my signature in the presence of two witnesses.

WILLIAM F. NORMAN.

Witnesses:

A. L. ANCHORS,
WM. S. CATON.