

T. H. & F. W. MARTIN.
 RIDGE ROLL.
 APPLICATION FILED AUG. 21, 1908.

934,329.

Patented Sept. 14, 1909.

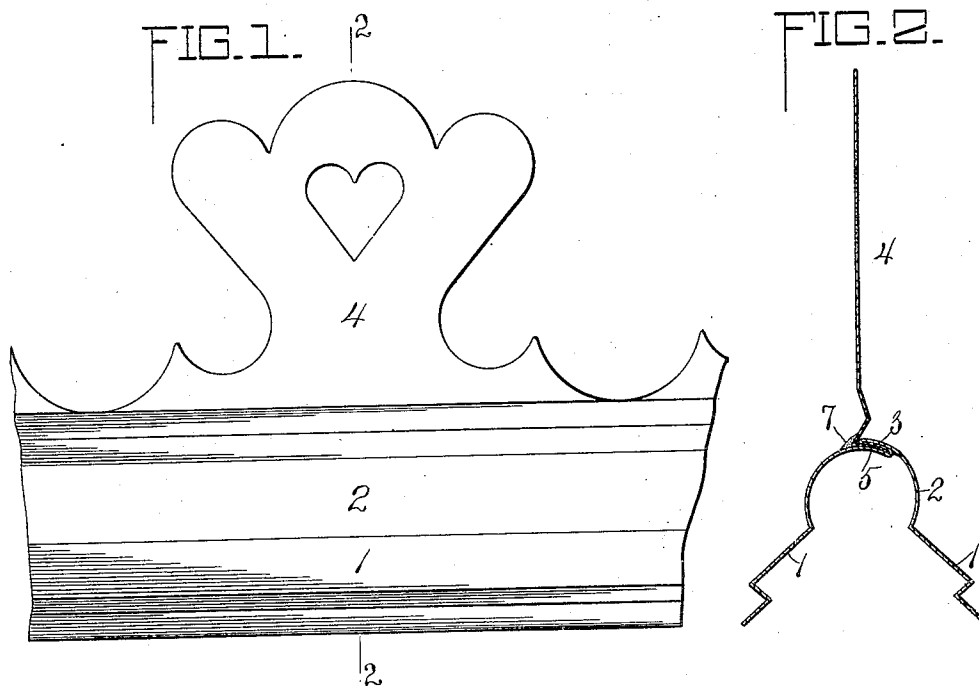


FIG. 3.

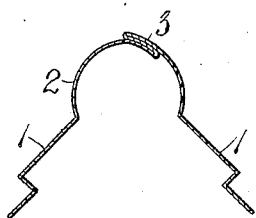


FIG. 5.

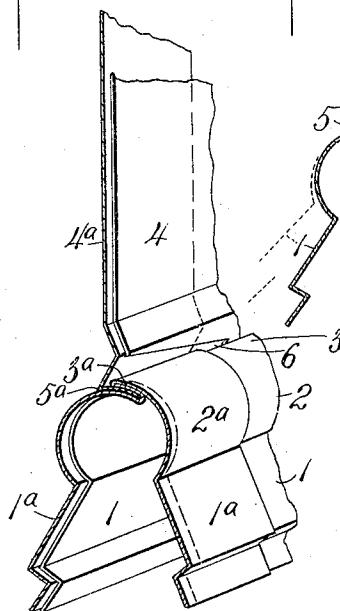
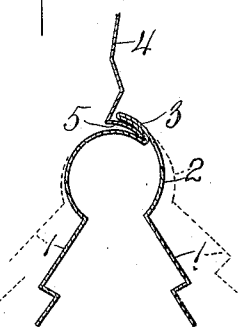


FIG. 4.



Inventor's

Witnesses
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UNITED STATES PATENT OFFICE.

THOMAS H. MARTIN AND FREDERICK W. MARTIN, OF WICHITA, KANSAS, ASSIGNORS
TO THE MARTIN METAL MANUFACTURING CO., OF WICHITA, KANSAS, A CORPORATION OF KANSAS.

RIDGE-ROLL.

934,329.

Specification of Letters Patent. Patented Sept. 14, 1909.

Application filed August 21, 1908. Serial No. 449,706.

To all whom it may concern:

Be it known that we, THOMAS H. MARTIN and FREDERICK W. MARTIN, citizens of the United States, residing at Wichita, in the county of Sedgwick and State of Kansas, have invented certain new and useful Improvements in Ridge-Rolls, of which the following is a specification.

The object of the invention is to provide a ridge roll to be used on the comb of a roof, which can be assembled in a substantial manner with water tight joints.

A further object of the invention is to provide a ridge roll and crest of the "knock-down" type, whereby it may be "nested" for the purpose of shipping and storing, thereby requiring less storage room and taking a less freight rate and is so constructed that it can be readily put together by any ordinary workman without the use of any special tools; and with these and minor objects in view the invention consists of the parts and combination of parts as will be hereinafter more fully set out.

In the drawing, Figure 1 is a side elevation of a ridge roll, embodying the invention; Fig. 2 is a vertical section on the line 2--2, Fig. 1; Fig. 3 is a vertical section of the ridge roll with the cresting removed; Fig. 4 is a similar view with the arms of the ridge roll drawn together and the clasp opened; and Fig. 5 is a view illustrating the connection between the ends of two adjacent sections.

Of course, it will be understood that the particular configuration of the cresting shown in the drawing forms no part of this invention, but is merely selected as one of the universal designs of cresting, for the purpose of illustrating the invention.

The ridge roll is bent up from a single sheet of metal and comprises the arms 1 and the roll 2, the crest of said roll being twice bent upon itself as at 3 to form a clasp. While the clasp is shown as being disposed to one side of the center of the roll, it will of course be understood that it is not necessary that it be so positioned.

4 is the cresting which may be of any preferred design, the lower end 5 of which is bent in an arc to conform with the curvature of the roll.

As is understood, ridge rolls or coverings are made up in standard lengths. According to this invention, the end of each length

is provided with slots 6 which are formed at the base of the roll immediately above the juncture of the roll and arms 1, as is clearly shown in Fig. 1, thus leaving the arms 1 intact, which permits of the end of one section being placed over the end of another making a water proof connection without the use of solder as shown in Fig. 5.

As stated, the top cresting 4 and the ridge roll may be readily separated, thereby permitting nesting of the parts to facilitate shipping and storage.

In assembling the parts, the arms 1 are sprung together as shown in Fig. 4, which opens the fold or clasp on the top of the roll 2, thus permitting the insertion of the lower end 5 of the cresting in said clasp, whereupon the arms are released and they spring together to their normal position shown in Figs. 2 and 3, thus firmly clamping the cresting 4 in said clasp, inasmuch as the clasp closes tightly when the arms assume the normal position shown in Figs. 2 and 3.

In order to provide against the accidental displacement of the top cresting 4, a drop of solder 7 rigidly attaches the top cresting 4 to the roll 2 at intervals throughout the length of the ridge roll. While it is possible that the strength of the clamp would be sufficient to hold the top cresting firmly in place, yet it is deemed advisable to use solder at intervals as stated. The clasp is held rigid by the spreading of the arms and maintained in that position by nailing of the arms on the roof.

Having thus described our invention, what we claim as new therein and desire to secure by Letters Patent is:—

1. A ridge roll having depending arms and provided with an integrally constructed clasp for attaching a crest thereto, said clasp being opened and closed by the movement of said arms and conforming to the general contour of the roll.

2. A ridge roll having its crown bent upon itself to form a clasp substantially conforming to the general contour of the roll.

3. A ridge roll having flexible side members, the crest of the roll being bent upon itself to form a crest-holding clasp substantially conforming to the contour of the roll and constructed to open by pressing the side members toward each other.

4. The combination with a ridge roll the crown of which is bent to overlap itself in

the general contour of the roll; of a crest adapted to be held by said overlapped portion of the roll.

5 5. A ridge roll having its crown bent upon itself to form a crest-holding clasp conforming to the general contour of the roll, said clasp opening laterally to receive the crest.

10 6. A ridge roll made up of a series of lengths, each length comprising a bottom section provided with a water-tight buckled portion conforming to the general contour of the roll; and a crest-section engaging said buckled portion and provided with a notched
15 end whereby the adjacent section is engaged without slotting the lower section.

20 7. In a ridge roll made up of a plurality of lengths, the combination with a series of bottom sections; of a series of top sections, each of said bottom sections being provided throughout its length with a buckled portion conforming to the general contour of the roll, and each of said upper sections being provided with portions fitting into

said buckled portions whereby they are held 25 attached to the bottom sections, and means provided in said upper section for rigidly connecting the successive lengths together without perforating said lower sections.

8. A ridge roll, the crown of which is 30 bent upon itself to form a crest-attaching clasp having the general contour of the roll, the major portion of said clasp being disposed to one side of the center of the roll.

9. A ridge roll comprising a plurality of 35 bottom sections provided along their crests with clasps conforming to the general contour of the roll; and a plurality of top sections engaged by said clasps and provided with overlapping ends. 40

The foregoing specification signed at Wichita, Kans., this 25th day of May, 1908.

THOMAS H. MARTIN.
FREDERICK W. MARTIN.

In presence of—

S. B. AMIDON,
JEAN MADALENE.