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RETAINER FOR SHINGLES

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Fig. 1.

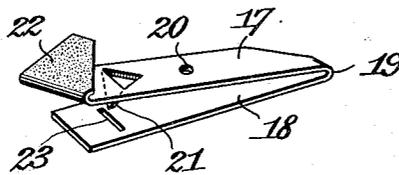
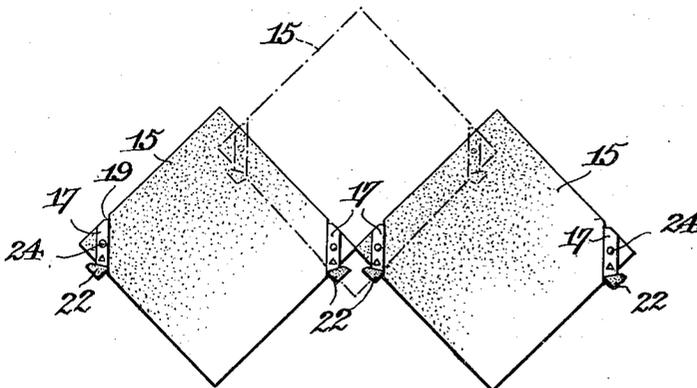


Fig. 2.



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RETAINER FOR SHINGLES

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This invention relates to retainers for shingles and which may be used advantageously in conjunction with square or diamond shaped shingles of composition material, or asphaltum or asbestos.

Shingles of this character are laid in imbrication and the weather ends thereof must be securely fastened down, to avoid open joints and incidental leakage. Heretofore this has been done, but with considerable difficulty to the workman, involving an unusual amount of time and labor in performing the task of laying the shingles.

The principal object of the invention is to provide each shingle with a pair of retainers of simple, inexpensive and practical form, whereby the task of a workman in laying and securing the shingles will be facilitated, and whereby this task of the workman will be expedited.

The nature of the invention and its distinguishing features and advantages will appear when the following specification is read in connection with the accompanying drawings, in which

Figure 1 is a perspective view of a retainer constructed in accordance with the invention;

Figure 2 illustrates the manner in which shingles are laid and secured by virtue of the provision of the retainers;

Referring now more particularly to Figure 1, it will be apparent that there is shown a retainer or fastener which is cut, punched, and bent from a single piece of sheet metal, such as copper, to provide members 17 and 18 which are suitably united at one end by a bight 19, the member 17 having a hole 20, a prong 21 near one end and a hook 22 on the end having the prong 21, and the member 18 having a slot 23 therein which receives the prong 21. The hook 22 projects obliquely with respect to the longitudinal axis of the member 17. It is to be understood that retainers or fasteners having the features mentioned will be made in left and also in right hand forms. A pair of these retainers or fasteners is used in conjunction with each shingle, said retainers or fasteners being secured in any practical manner respectively to the opposite corners of the shingles 15, as shown

most clearly in Figure 2. Each retainer or fastener is applied to the shingle so that the members 17 and 18 will be disposed respectively on opposite sides thereof, and the prong 21 will impale the shingle, extend through the slot 23 in the member 18, and be clinched against the member 18. In this manner the retainer or fastener will be securely held in place. The hole 20 in the member 17 accommodates the pointed end of a nail 24 which may be readily driven through the shingle and the member 18 to secure the shingle end in place. As applied to the shingle, the hook 22 of each retainer or fastener will be disposed some distance beyond the adjacent edge of the shingle. It is to be understood that shingles having a pair of retainers or fasteners will be supplied to the trade. It will be apparent that because of the fact that the hooks 22 are disposed beyond the adjacent edges of the shingle 15, a number of shingles may be stacked for shipment without possibility of crushing the hooks 22 down against the related members 17.

In accordance with the invention, a course of shingles is laid in alinement with each other so that the retainers or fasteners will be disposed up and down, with the hooks 22 lowermost. As each shingle is laid in position the workman drives a nail through each retainer and the related end of the shingle into the roof portions, it being apparent that the hole 20 will receive the nail after which it may be readily driven home. Adjacent shingles in the same course will present a left and right hand retainer in cooperative relationship capable of receiving the lower corner or end of another shingle laid in superposed and imbricated relation to the lower shingles. The hooks 22 of these cooperative retainers will engage over the lower end of the imbricated shingle and securely hold the end in place against curling upward. It will also be apparent that the superposed shingle will cover the retainers which serve to hold the lower end thereof. In this manner the shingles of one course will be interlocked and interfitted with the shingles of a contiguous course.

By providing each shingle with a pair of

retainers, the task of the workman on the job will be greatly facilitated because it will not be necessary for the workman to handle the retainers while holding each shingle in its proper position, and it will also expedite the work in hand.

If desired, the upper surface of the hook 22 may have applied thereto a covering of cracked stone held thereon by tar or asphaltum to be consistent with the top surface of the shingles.

Claims:

1. A shingle retainer comprising a pair of substantially flat members suitably united at one end and adapted to overlie the opposite sides of a shingle, said members having provision at their free ends for impaling the shingle and also for engaging each other to secure the retainer in place on the shingle, and one of said members having a shingle engaging hook on one end.

2. A shingle retainer comprising a pair of substantially flat members suitably united at one end and adapted to overlie the opposite sides of a shingle, said members having provision at their free ends for impaling the shingle and also for engaging each other to secure the retainer in place on the shingle, and one of said members having an obliquely disposed shingle engaging hook on one end.

3. A shingle retainer constructed of a single piece of metal to provide a pair of substantially flat members united at one end and adapted to overlie the opposite sides of a shingle, a prong on one member for impaling the shingle and also for engaging the other member to secure the retainer in place on the shingle, and a single engaging hook integral with one of said members on one end thereof.

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