A. A. GRISWOLD.

TWIN WIRE NAIL SHINGLE CLAMP.

APPLICATION FILED OCT. 31, 1918.

1,321,623.

Patented Nov. 11, 1919.

Fig. 1.

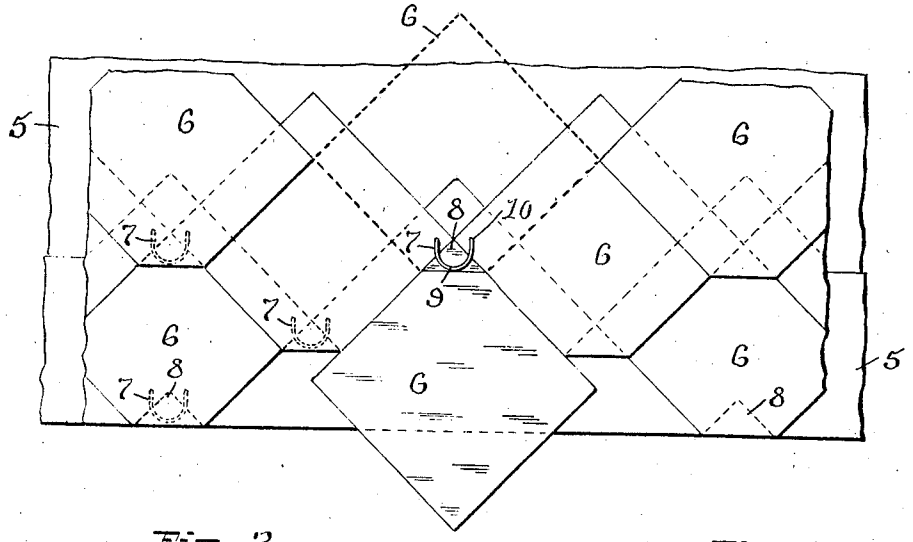


Fig. 2.

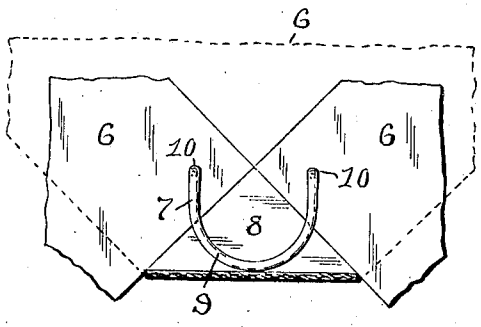


Fig. 3.

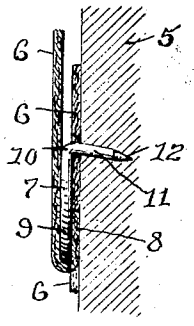
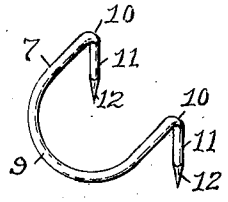


Fig. 4.



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TWIN-WIRE-NAIL SHINGLE-CLAMP.

1,321,623. Specification of Letters Patent. Patented Nov. 11, 1919.

Application filed October 31, 1918. Serial No. 260,564.

To all whom it may concern:

Be it known that I, ALBERT ABBE GRISWOLD, a citizen of the United States, residing at Providence, in the county of Providence and State of Rhode Island, have invented a new and useful Improvement in Twin-Wire-Nail Shingle-Clamps, of which the following is a specification.

My invention has reference to an improvement in means for securing flexible shingles to roofs and the like, and more particularly to an improved twin wire-nail shingle clamp for fastening down the otherwise free end of a flexible shingle, in shingling a roof or the like with such shingles.

In the construction of roofs or sidings on which flexible shingles are used, it is necessary to hold down the free ends of the shingles so as to prevent bending or curling up of the free ends of the shingles, thereby allowing rain, snow or sleet to beat up under the shingles. This bending or curling up of the free ends of the shingles also gives an unsightly appearance to the roof or siding.

The object of my invention is to improve the construction of a twin wire-nail shingle clamp, whereby in driving the clamp in place, the free end of a flexible shingle and the adjacent corner portions of two shingles previously laid, are simultaneously secured to the boarding by the shingle clamp, in one operation.

My invention consists in the peculiar and novel construction of a twin wire-nail shingle clamp formed integral of wire and so constructed as to clamp down a bent under flap on the outer end of a flexible shingle and to nail down the adjacent corner portion of two shingles previously laid, in driving the wire-nail portions of the clamp into the boarding, said twin wire-nail shingle clamp having details of construction, as will be more fully set forth hereinafter and claimed.

Figure 1 is a face view of a portion of a flexible shingled roof showing the flap on one of the shingles clamped down and the adjacent corner portions of two shingles previously laid nailed down by one of my improved twin wire-nail shingle clamps.

Fig. 2 is an enlarged face view of my improved twin wire-nail shingle clamp showing the same clamping down the bent under flap of a flexible shingle, shown in section, and nailing down the adjacent corner portion of two shingles previously laid.

Fig. 3 is an enlarged side view of the twin wire-nail shingle clamp showing the same clamping down the bent under flap of a flexible shingle and nailing down the corner portions of a shingle previously laid, and

Fig. 4 is an enlarged perspective view of the twin wire-nail shingle clamp.

In the drawings 5 indicates the boarding of a roof, 6.6 flexible shingles, and 7.7 my improved twin wire-nail shingle clamps. The roof boarding 5 may also represent the boarding on the outer walls of a building.

The flexible shingles 6.6 may be constructed of any suitable flexible material. Each shingle has its outer end or corner bent under and formed into a flap 8, as shown in Figs. 1, 2 and 3.

My improved twin wire-nail shingle clamp 7 is constructed of wire and has a U shaped body portion, forming a U shaped clamping member 9 on each end 10 of which is a downwardly bent wire-nail member 11 having a pointed end 12. The wire-nail members 11.11 are bent down approximately at right angles to the clamp 9 and parallel with each other, as shown in Figs. 3 and 4.

In using my improved twin wire-nail shingle clamps, in shingling a roof or the like with flexible shingles, the shingles 6.6 are laid diagonally, each shingle in a course being first laid with the underside outward and the flap 8 pointing upward. A twin wire-nail shingle clamp 7 is now placed over the flap 8 on the shingle in a position to bring the U shaped clamping member 9 over the flap 8, adjacent the bend in the flap and with the wire-nail members 11.11 pointing downward onto the adjacent corner portions of two shingles previously laid. The wire-nail members 11.11 are then driven through the shingles previously laid and into the roof boards 5.5 thereby clamping down the flap 8 on the shingle and nailing down the adjacent corner portions of two previously laid shingles in one operation. The shingle being laid is then bent up over the clamp, as shown in heavy dotted lines in Fig. 1 and laid flat on the roof, face outward, and the shingling continued, the shingles being laid diagonally in each course, as described.

By the use of my improved twin wire-

nail shingle clamp the flap 8 on a flexible shingle is clamped down and the adjacent corner portions of two shingles previously laid are nailed down in one operation and the clamp is protected from the weather by the shingle. Only one twin wire-nail shingle clamp is required for simultaneously clamping down the flap on the outer end of a shingle and for nailing two shingles in place.

I do not wish to confine myself to the construction shown as the shape and material used could be varied, within the scope of the appended claim.

Having thus described my invention I claim as new:—

A twin wire-nail shingle clamp having a U shaped body portion forming a U shaped flexible shingle clamping member 9 having straight parallel arms terminating in ends 10.10 on each of which is a wire-nail member 11 bent at a slight angle toward the closed end of the U shaped clamping member 9, each wire-nail member 11 having a pointed end 12, whereby the turned under flap of a flexible shingle is clamped down by the U shaped clamping member 9 and the adjacent corner portions of two shingles previously laid are nailed down, in one operation, as described.

In testimony whereof, I have signed my name to this specification.

ALBERT ABBE GRISWOLD.