

(No Model.)

G. F. FOLSOM.
SNOW GUARD.

No. 512,178.

Patented Jan. 2, 1894.

Fig: 1.

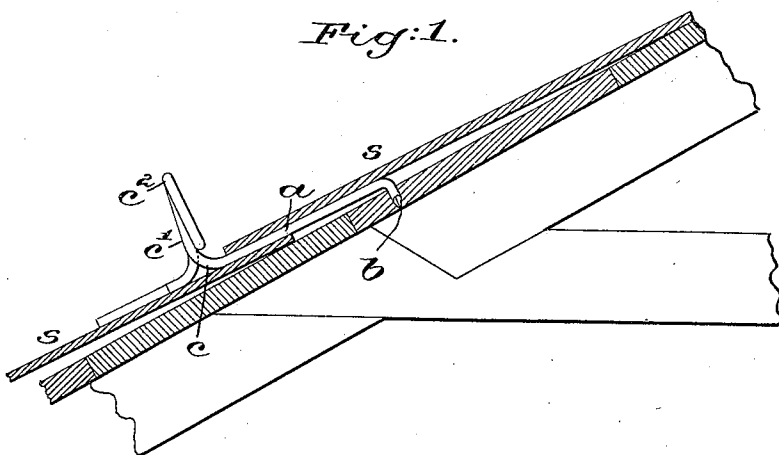


Fig: 2.

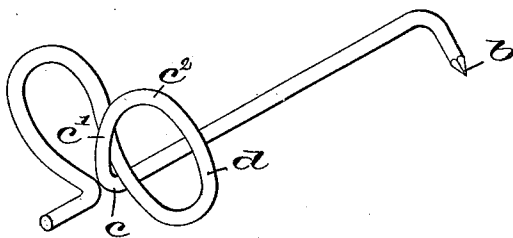
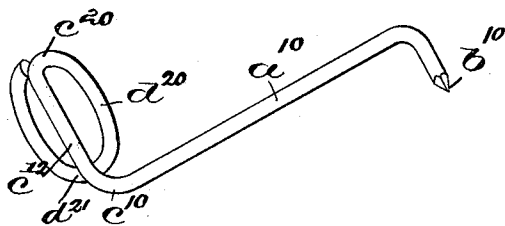


Fig: 3.



witnesses

Edward F. Allen

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Inventor:

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by Crosby & Gregory
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UNITED STATES PATENT OFFICE.

GEORGE F. FOLSOM, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO HENRY M. ESSELEN, MANAGER, OF SAME PLACE.

SNOW-GUARD.

SPECIFICATION forming part of Letters Patent No. 512,178, dated January 2, 1894.

Application filed November 3, 1892. Serial No. 450,891. (No model.)

To all whom it may concern:

Be it known that I, GEORGE F. FOLSOM, of Boston, county of Suffolk, State of Massachusetts, have invented an Improvement in Snow-Guards, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

This invention has for its object to improve the class of snow guard represented in United States Patent No. 186,996 granted to me February 6, 1877. The snow guard shown in the said patent has an attaching end, and a snow stop end, but the snow stop end is formed from a coil of wire located almost wholly at one side of the shank of the guard. I have aimed in this my present invention to so shape the loop constituting the snow guard, that the bearing face of the loop may withstand more strain and not get out of shape.

Figure 1, in section shows part of a roof with one of my improved snow guards in place. Fig. 2, shows on a larger scale a snow guard detached, and Fig. 3 shows a modified form of snow guard.

My improved snow guard, composed preferably of round wire, has a shank *a*, terminated by an end adapted to be attached to the roof between rows or layers of slate or shingles *s*, and preferably for cheapness the end will be bent substantially at right angles to the body and be pointed as at *b*, so that it may be driven into the roof, as represented. The wire is bent upwardly at *c* to form an upright *c'* to project above the roof, and at the top of the upright the wire is bent, as at *c*², downwardly to form a loop *d* which is carried across the upright *c'* so that the loop so formed may be braced and stiffened by the upright. The free end of the loop may be terminated at any desired point at the side of the upright opposite that occupied by the

loop *d*; that is it may be turned down to bear on the roof, as shown in Figs. 1 and 2, or it may be turned up.

In Fig. 3, I have shown a modification of my invention wherein *a*¹⁰ represents the shank of the snow guard, *b*¹⁰ the point to enter the roof; *c*¹⁰ represents the point where the shank is bent upwardly to form the substantially upright portion *c*¹², *c*²⁰ showing the upright portion bent over to produce the downward portion *d*²⁰, the portion so bent downwardly being carried across the upright portion *c*¹², as at *d*²¹, the end of the wire abutting nearly at the bend *c*²⁰.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A snow guard composed of wire shaped at one end to be secured to a roof, and having an upright *c'* near its other end, and a loop in which the wire crosses the upright at that side thereof nearest the attaching end of the guard, whereby the upright aids in preventing strain on the loop, substantially as described.

2. A snow guard composed of wire shaped at one end to be secured to a roof, and having an upright *c'* near its other end, and a loop in which the wire crosses the upright at that side thereof nearest the attaching end of the guard, whereby the upright aids in preventing strain on the loop, the end of the wire after crossing the upright being bent to contact with the roof, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

GEORGE F. FOLSOM.

Witnesses:

GEO. W. GREGORY,
EMMA J. BENNETT.