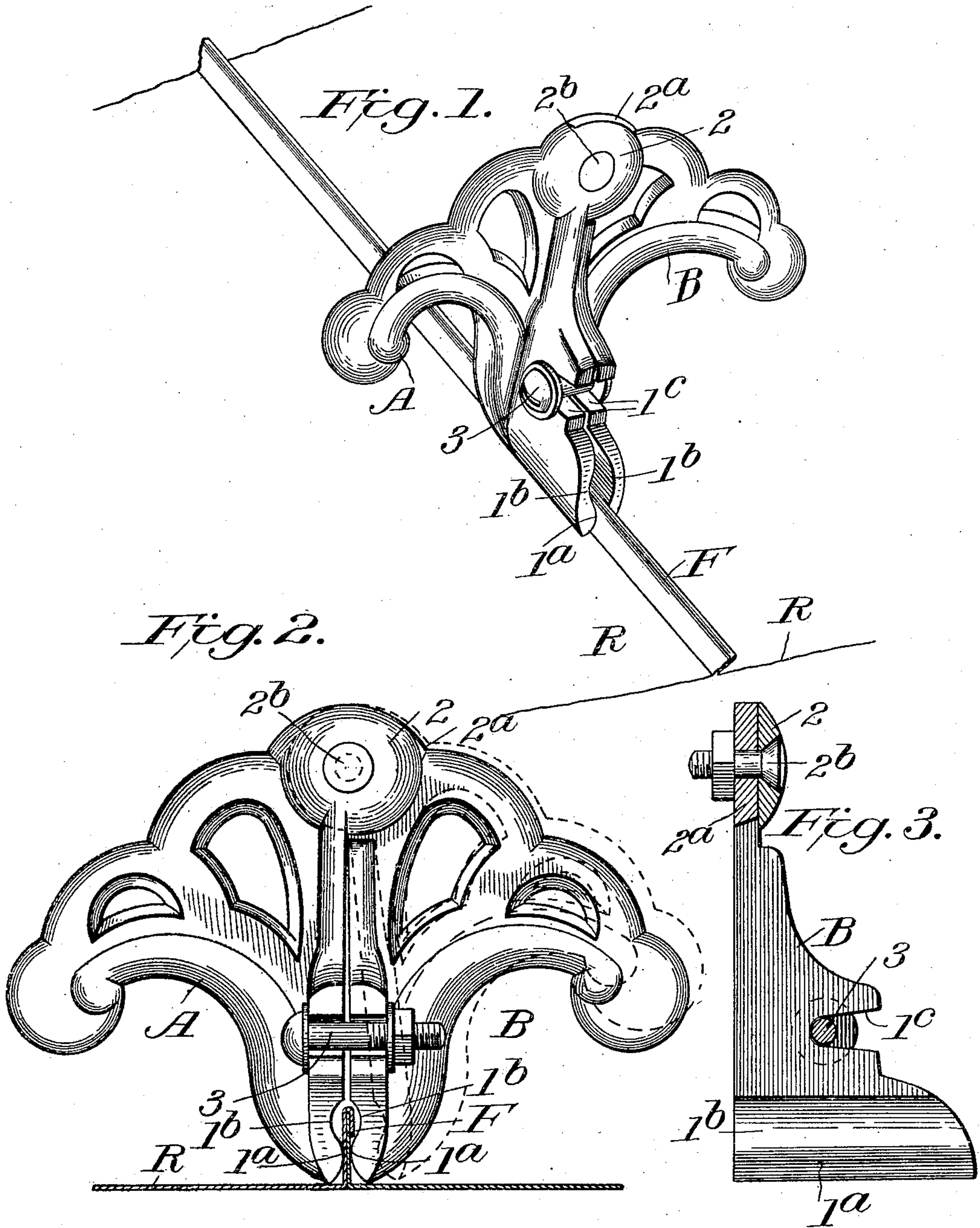


F. A. PETER.
 SNOW GUARD.
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933,784.

Patented Sept. 14, 1909.



Witnesses
 C. H. Walker.
 James B. Mansfield.

Inventor
 Francis A. Peter.

By Alexander Sowell
 Attorneys

UNITED STATES PATENT OFFICE.

FRANCIS A. PETER, OF NEWSIDE, PENNSYLVANIA.

SNOW-GUARD.

933,784.

Specification of Letters Patent.

Patented Sept. 14, 1909.

Application filed March 22, 1909. Serial No. 484,986.

To all whom it may concern:

Be it known that I, FRANCIS A. PETER, of Newside, in the county of Lehigh and State of Pennsylvania, have invented certain new and useful Improvements in Snow-Guards; and I hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, which form part of this specification.

10 This invention is an improved snow guard especially designed for use on tin or metal roofs having standing seams; and its object is to provide a cheap, simple and efficient guard that can be readily attached to or detached from such seams without injury thereto.

15 The invention will be readily understood from the following description of the guards embodying the invention illustrated in the accompanying drawings, in which—

20 Figure 1 is a perspective view of the complete guard attached to a standing seam of a tin roof. Fig. 2 is a front view thereof showing it applied to a roof seam, and indicated in dotted lines how it may be opened for application to such seam. Fig. 3 is a vertical central section through Fig. 2.

25 As shown the guard comprises two opposite complementary members A and B; each of these members is provided with a base or clamping portion 1 and an upper or retaining portion 2 which lies at substantially right angles to part 1. The clamping portions of the members A, B, are adapted to embrace between them an upstanding seam F of a metal roof R, which may be of tin or other suitable metal. Said clamping portions are provided on their inner faces and near their lower edges with longitudinal ribs 1^a and longitudinal recesses 1^b above the ribs, so that these ribs can closely pinch the sides of the seam F as indicated in Fig. 2. The members A, B, are also provided with complementary eyes 2^a, 2^b, at the tops of the retaining portions 2 for the passage of a fastening bolt 2^c, by which the members are pivotally connected so that their clamping portions may be swung to and from each other.

30 The guard can be readily attached to a roof seam by first slightly separating the

clamping portions 1^a so they can be positioned on opposite sides of a roof seam F and then the guard can be clamped to the seam by means of a bolt 3 inserted through the clamping portions 1 above the recesses 1^b, the clamping portions being perforated or notched as shown at 1^c for the passage of the bolt 3.

35 The manner of using and positioning the guards will be readily understood from the drawings. The members A, B, may be connected together by the bolt 2^c at the factory—said bolt forming a hinge enabling the clamping portions 1 to be swung apart so that the guard can be readily placed in position on the seam of a roof, and after the guard is adjusted to proper position on the flange the bolt 3 is tightened causing the ribs 1^a to firmly bite the seam F lying between them and thus hold the guard securely in position.

40 Having described my invention what I claim as new and desire to secure by Letters Patent thereon is:

1. A detachable snow guard for roofs comprising a pair of similar but opposite members each having a lower clamping portion adapted to engage the side of a roof seam, and an upper detaining portion projecting at right angles to the clamping portions; with means for fastening the clamping portions together so as to hold the detaining portions in alinement and cause the clamping portions to bite the roof and secure the guard thereto.

2. A detachable snow guard for roofs comprising a pair of complementary members each having a lower clamping portion and an upper detaining portion, the clamping portions having longitudinal ribs to engage the sides of a roof seam, means pivotally connecting the detaining portions of said members, and means for causing the clamping portions of said members to bite a roof seam securely therebetween.

3. A detachable snow guard for roofs comprising a pair of complementary members each having a clamping portion and a detaining portion, the clamping portions having longitudinal recesses and ribs on their

opposed faces to engage the sides of a roof
seam; with a bolt pivotally connecting the
detaining portions of said members, and a
bolt connecting the clamping portions of
5 said members and adapted to cause them to
bite a roof seam securely therebetween.

In testimony that I claim the foregoing as

my own, I affix my signature in presence of
two witnesses.

FRANCIS A. PETER.

Witnesses:

G. F. OPLINGER,

CHARLES D. PETERS.