

(No Model.)

J. W. HAMMETT.
ROOFING AND SIDING STRIP.

No. 498,111.

Patented May 23, 1893.

Fig. 1.

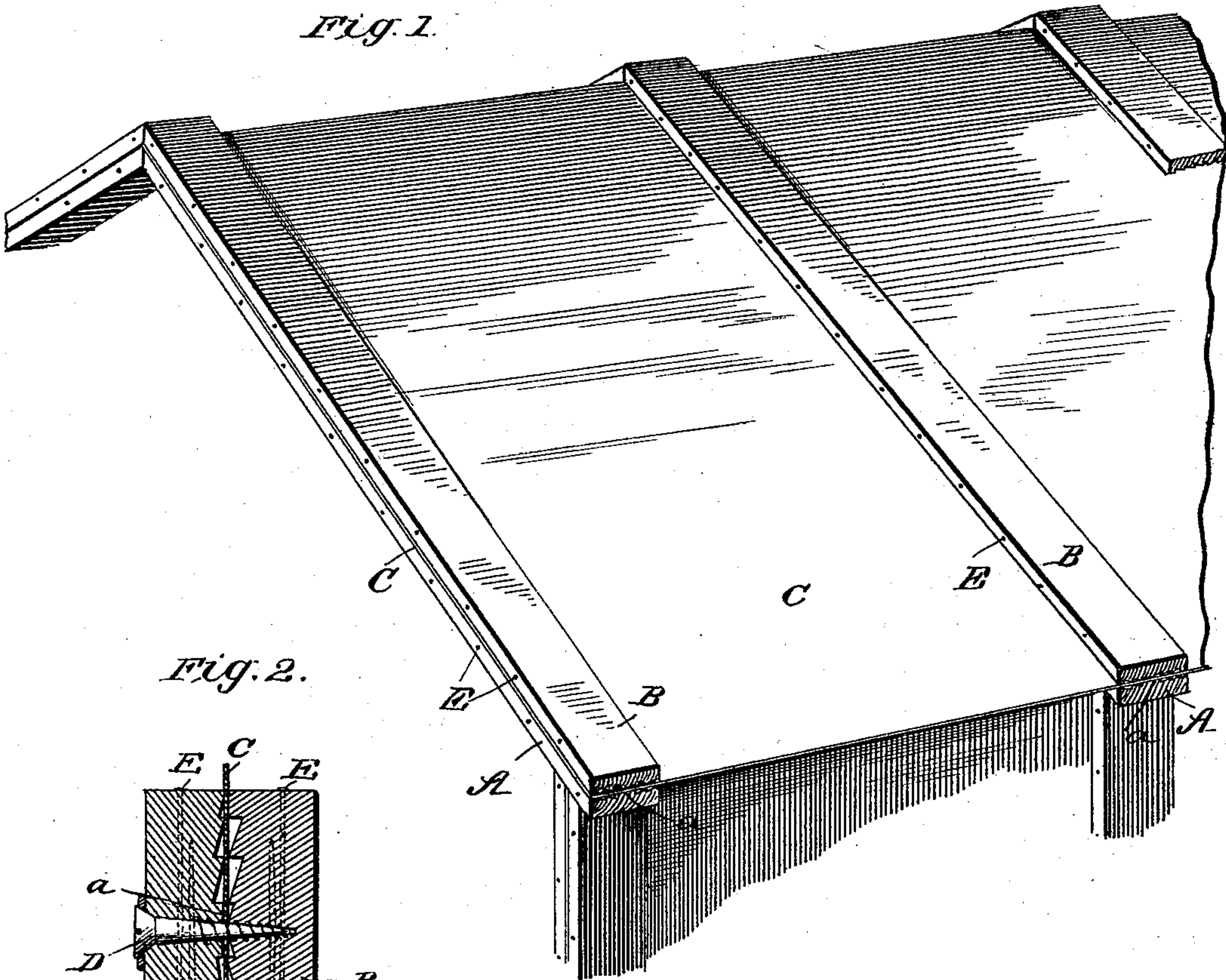


Fig. 2.

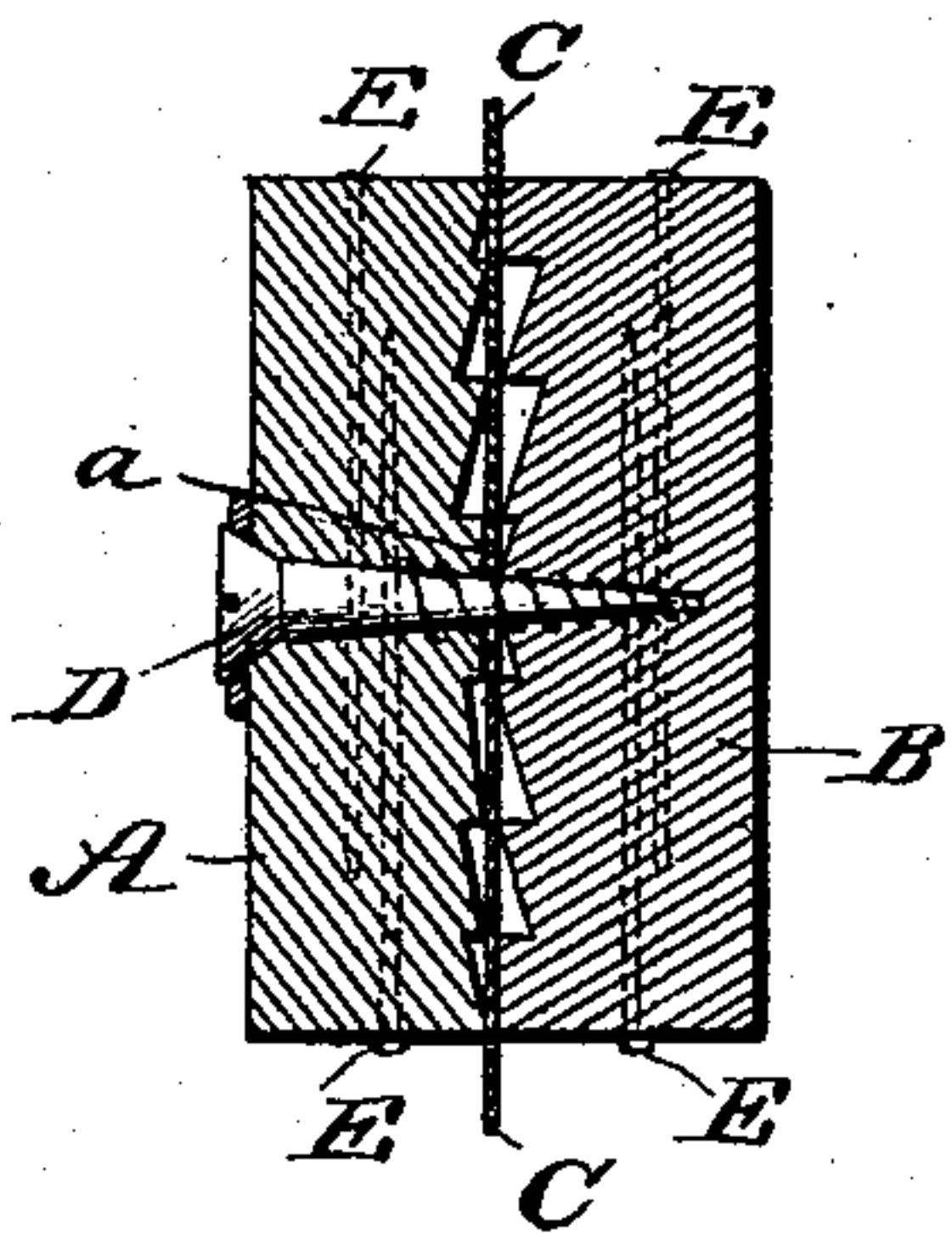


Fig. 3.

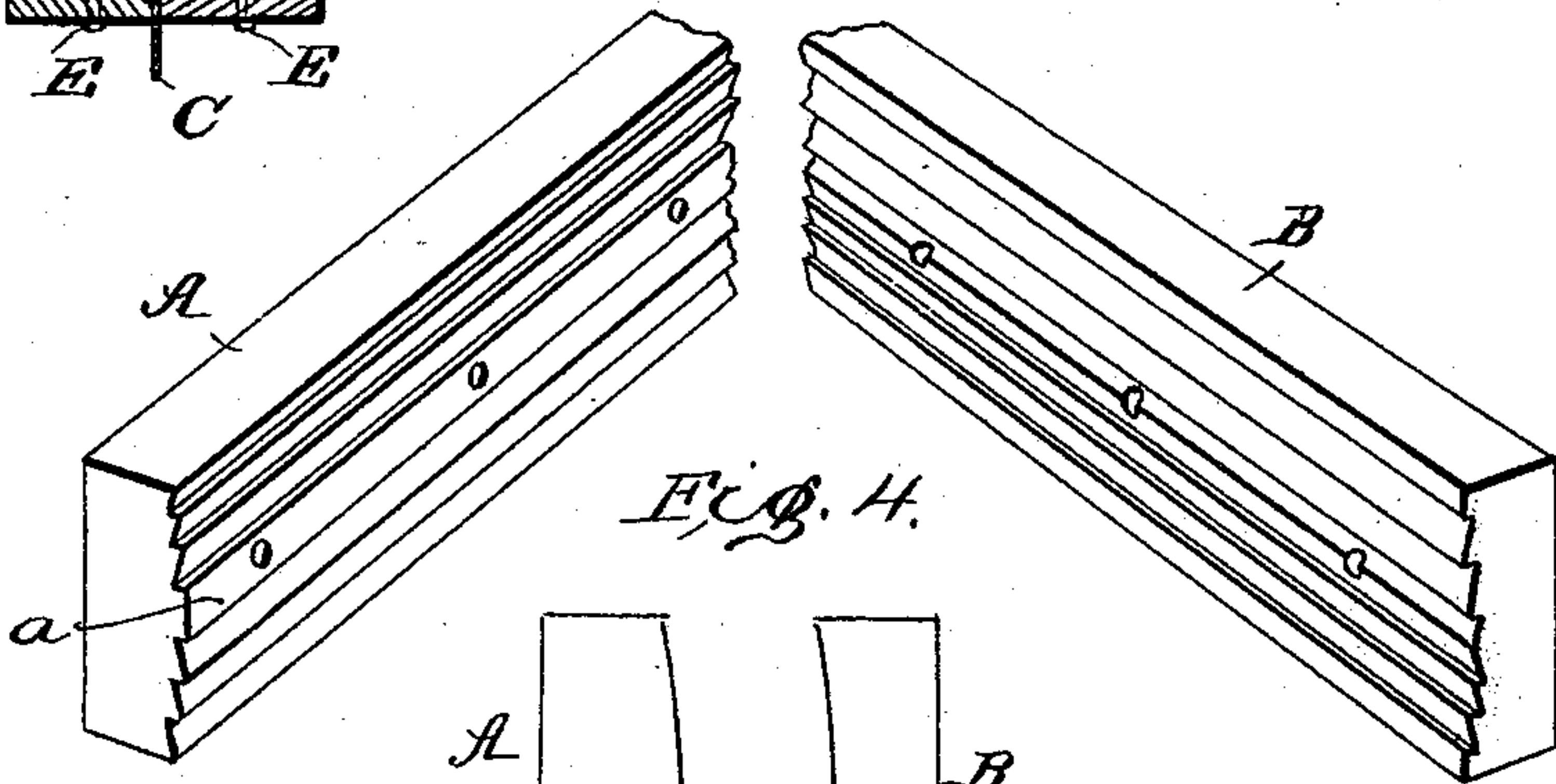
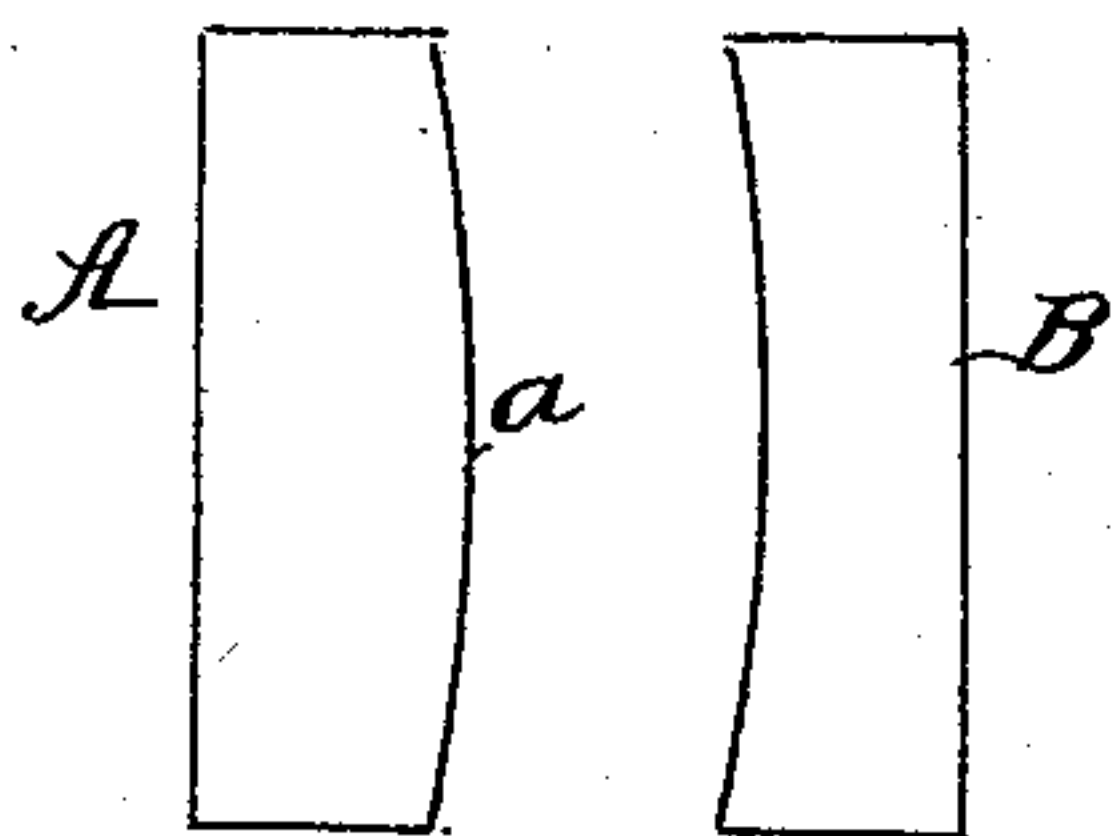


Fig. 4.



WITNESSES:

Jos. A. Ryan
P. B. Turpin.

INVENTOR:

James W. Hammett

BY *Wm. L.*

ATTORNEYS

UNITED STATES PATENT OFFICE.

JAMES W. HAMMETT, OF EUREKA, WEST VIRGINIA.

ROOFING AND SIDING STRIP.

SPECIFICATION forming part of Letters Patent No. 498,111, dated May 23, 1893.

Application filed May 11, 1892. Serial No. 432,689. (No model.)

To all whom it may concern:

Be it known that I, JAMES W. HAMMETT, of Eureka, in the county of Pleasant and State of West Virginia, have invented a new and useful Improvement in Roofing and Siding Strips, of which the following is a specification.

My invention is an improvement in roofing and siding strips and consists in the novel construction and combination of parts hereinafter described and pointed out in the claims.

In the drawings, Figure 1 is a perspective view of a part of a house provided with my improvements. Fig. 2 is a cross sectional view through one of the strips. Fig. 3 shows the strip sections in detail, and Fig. 4 is a diagrammatic end view illustrating the rounding and hollowing of the contact surfaces of the sections, the curvature being somewhat exaggerated to aid the illustration.

The strips are shown as applied to a house but manifestly they can be used on cars or elsewhere as may be desired without departing from some of the broad principles of my invention. The strips are formed of inner and outer sections A and B, pressed at their adjacent faces against the sheets C of tin or other material and having such faces corrugated as shown. The corrugations of the two sections are arranged in line so that the ridge or crown of the corrugations is immediately opposite and when the two sections are drawn together do not tend to bend the plates or boards down into the hollows of corrugations. These hollows it will be seen form dead air spaces or packings and prevent the wind from carrying rain, snow or cold air through the roof or siding. This double corrugated construction also permits the drying out of any dampness that may come between the strips and which would otherwise result in decay. By preference the inner section has its corrugated face made slightly rounded, and that of the outer section slightly hollow, the hollows of this outer section being slightly greater than the curvature or swell of the inner section allowing the corrugation nearer the edges of the sections to come in contact with the roofing or siding plates before the center ones do, so that as the clamps, shown as screws D, which are driven through the inner section into the outer one, are drawn down tight they will spring the middles of the sections sufficiently to bring all the corrugations closely against

the roofing or siding sheets. The rods or nails E which are of tempered spring steel and pass transversely through or nearly through the strips are thus brought into action and keep the joints so formed tight.

In forming the corrugations in the sections it is preferred to form one or both with a flat central portion at *a* so as to avoid any possibility of the sections being drawn so tightly as to be slipped slightly to one side and force the roof or side sheets into the hollows of the corrugations. Manifestly the roofing or siding sheets may be of any desired material.

Having thus described my invention, what I claim is—

1. An improved roofing and siding strip composed of inner and outer sections and a clamp for drawing such sections together, the adjacent faces of said sections being formed with corrugations and the ridges or crowns of the corrugations of one section being arranged opposite those of the other substantially as and for the purposes set forth.

2. The roofing and siding strip herein described consisting of the inner and outer sections having their adjacent faces formed one rounded and the other hollowed and both corrugated substantially as and for the purposes set forth.

3. The roofing and siding strip herein described consisting of the inner and outer sections having their adjacent faces corrugated and provided with the transverse rails or rods E substantially as and for the purposes set forth.

4. The combination of the sheets C the strips formed of inner and outer sections having their adjacent faces provided with corrugations the highest parts of the corrugations of one strip being arranged opposite those of the other and connections between said sections substantially as set forth.

5. The combination substantially as described of the sheets C, the strip sections A, B, having their adjacent faces rounded and hollowed, and corrugated, the screws connecting said sections and the nails E driven transversely in said sections substantially as set forth.

JAMES W. HAMMETT.

Witnesses:

ROBT. MORSE,
C. W. RICHARDS.