

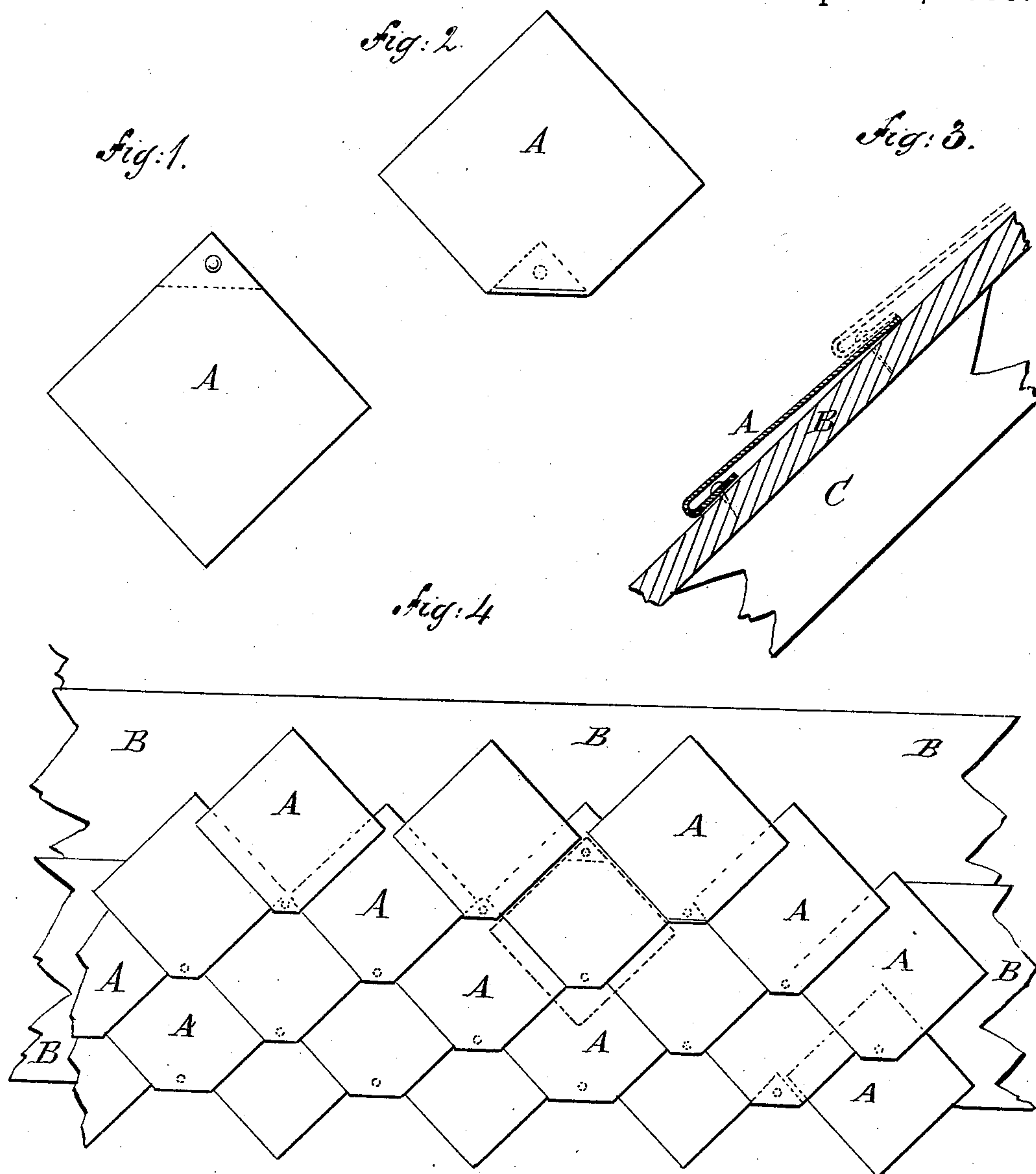
(No Model.)

B. B. ADAMS.

ROOFING.

No. 326,374.

Patented Sept. 15, 1885.



WITNESSES:

*Chas. Viola*  
*C. Sedgwick*

INVENTOR:

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# UNITED STATES PATENT OFFICE.

BENJAMIN B. ADAMS, OF ROSWELL, TERRITORY OF NEW MEXICO.

## ROOFING.

SPECIFICATION forming part of Letters Patent No. 326,374, dated September 15, 1885.

Application filed October 31, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, BENJAMIN B. ADAMS, of Roswell, in the county of Lincoln and Territory of New Mexico, have invented a new and  
5 useful Improvement in Roofing, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawings, forming a part of this specification,  
10 in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a plan view of a roofing-plate shown in the position in which it is nailed to the roof. Fig. 2 is a plan view of the same  
15 after being folded up into place. Fig. 3 is a sectional side elevation of a part of a roof. Fig. 4 is a plan view of a part of a roof partly covered with my improved roofing.

The object of this invention is to provide  
20 roofing that will be unaffected by changes of temperature, and can be readily applied to all parts of roofs, and to roofs of any desired form.

The invention consists in the combination  
25 of parts and their construction, substantially as hereinafter fully set forth, and pointed out in the claim.

A represents the roofing-plates, which may be made square, as shown in the drawings,  
30 or diamond-shaped, and may be made of sheet metal, waterproofed paper, or other suitable material.

B represents a portion of the sheeting, and C is a rafter.

35 In applying the roofing, the plates A for the second course are placed, lower corner upward and wrong side out, along the lower edge of the roof, and with the side corners of the adjacent plates touching each other,  
40 or nearly in contact, and the said upward corners are secured to the lower sheeting-board by nails. The plates A for the first course are then folded and placed between the plates for the second course, with their  
45 side corners resting against the opposite sides of the upper corners of the said plate of the second course, and their under corners are nailed to the sheeting. The plates of the second course

are folded upward over the corners that are nailed to the sheeting. The plates A for the  
50 third course are then placed wrong side outward upon the plates of the first course, with their upper corners between the lower sides of the adjacent side corners of the plates of the second course, and are secured in place  
55 by nails driven through the said corners. The said plates A of the third course are then folded upward, and the plates for the fourth course are nailed to the sheeting, ready to be folded upward in their turn, and so on till the  
60 roof is covered.

The roofing-plates A will have more or less lap, according as they are folded farther from or closer to the corners.

The corners of the plates A, along the end  
65 edges of the roof, are nailed and then turned over, covering the nails and making smooth edges.

With this construction the plates A are blind-nailed in such a manner that they will  
70 be held securely in place, and will be free to expand and contract with changes of temperature without affecting the integrity of the roof. With this construction, also, Mansard  
75 roofs and the roofs of dormer-windows, convex and concave domes, spires, cupolas, and other roofs can be readily and securely covered.

Having thus described my invention, I claim  
80 as new and desire to secure by Letters Patent—

A roof-covering consisting of rectangular plates applied diagonally upon the roof by fitting the angle or corner of each between the diagonal sides of the two adjacent plates of the next course above, nailing said corner and  
85 then folding the body of the plate symmetrically over said corner, whereby the lower margins of said plates overlies the upper margins of said adjacent plates, each plate having a single perforation and a single nail, and the  
90 same entirely covered and protected, as set forth.

BENJ. B. ADAMS.

Witnesses:

FRANK H. LEA,  
FRED ROTH.