

(No Model.)

H. SCHULHOFF.

ROOFING.

No. 376,918.

Patented Jan. 24, 1888.

Fig. 1.

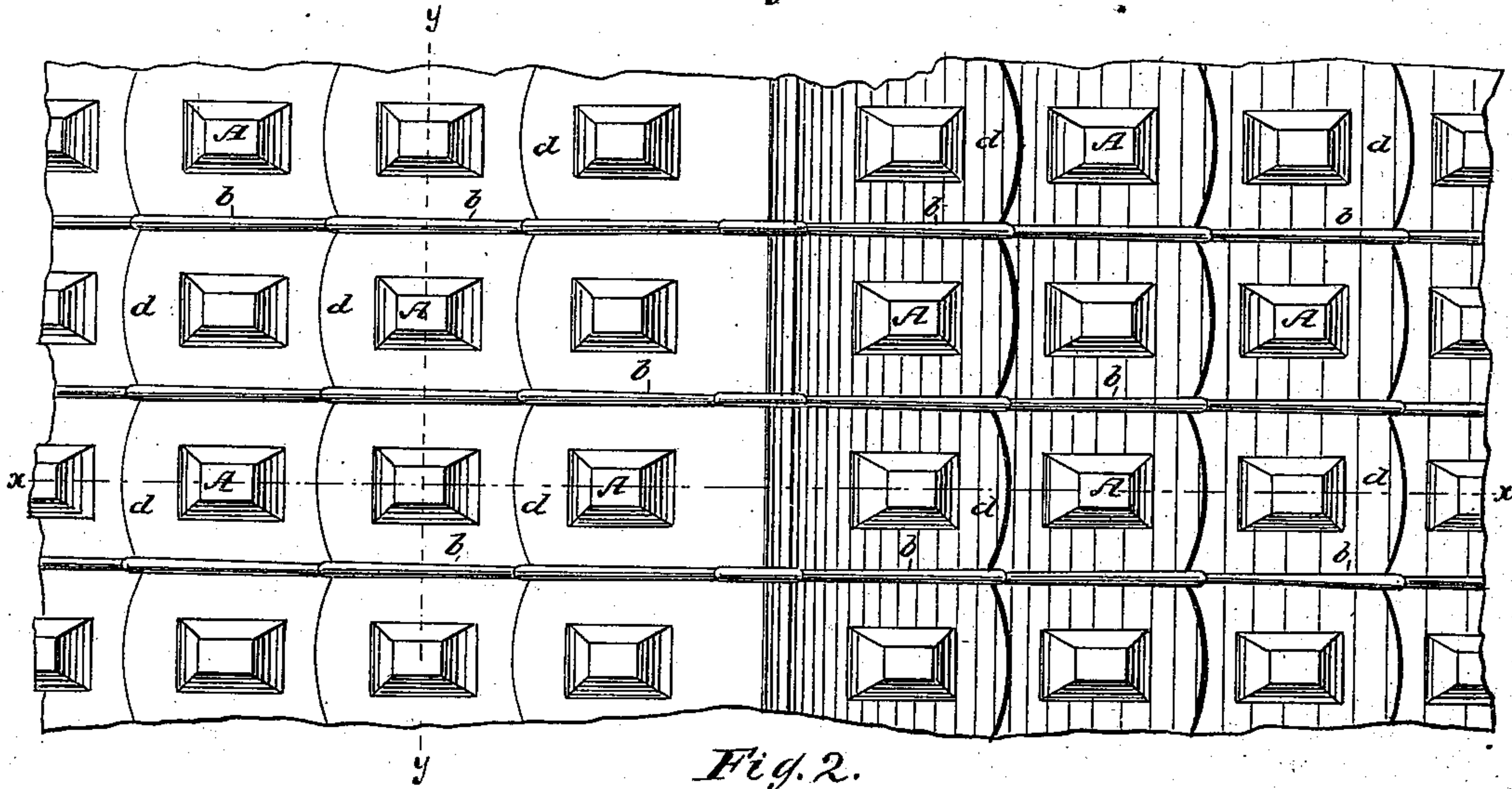


Fig. 2.

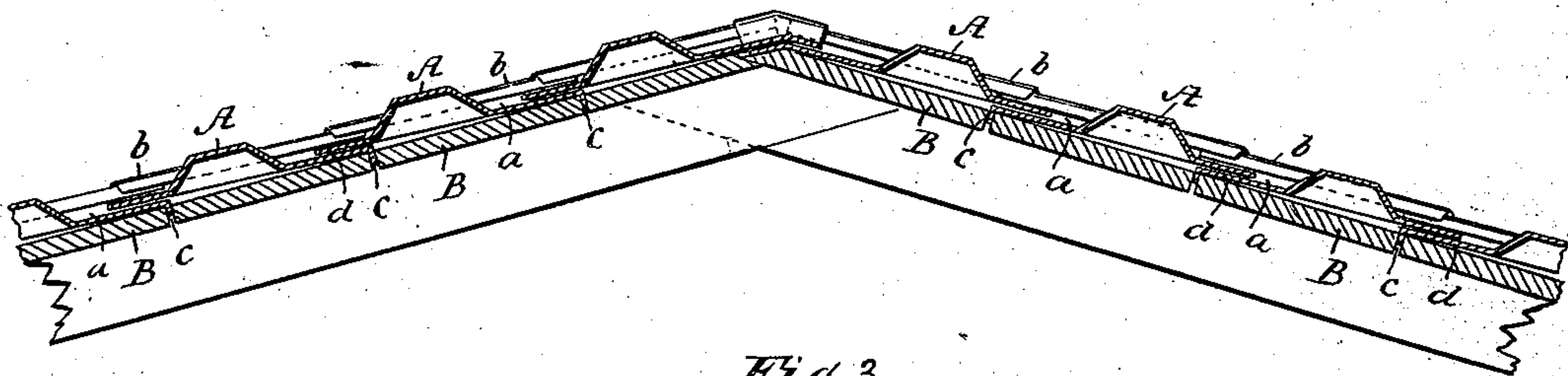


Fig. 3.

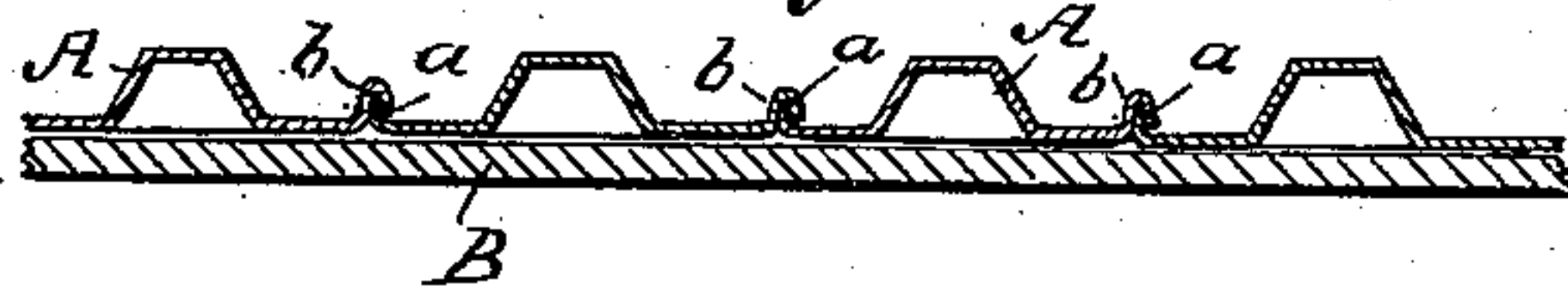


Fig. 4.

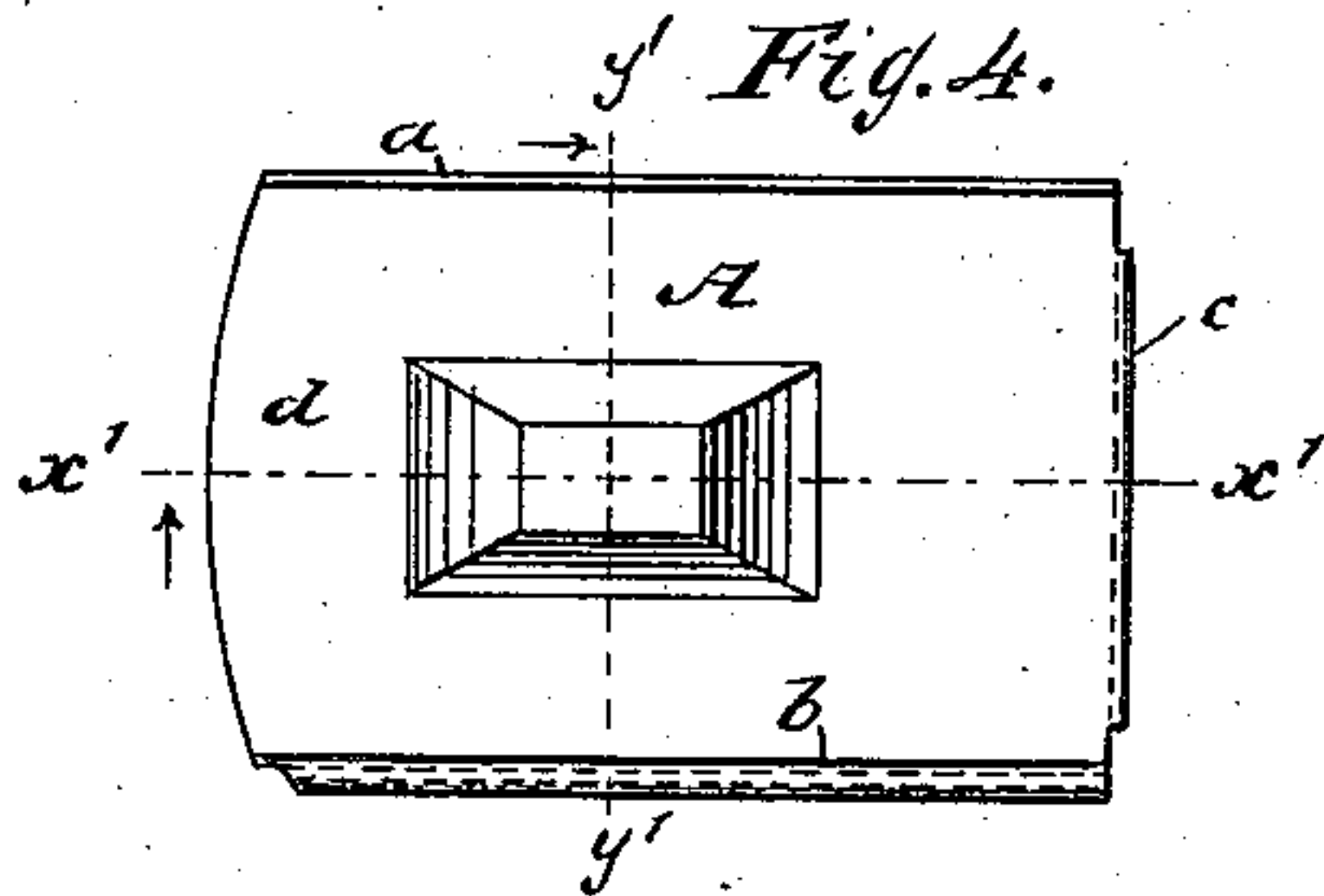


Fig. 5.

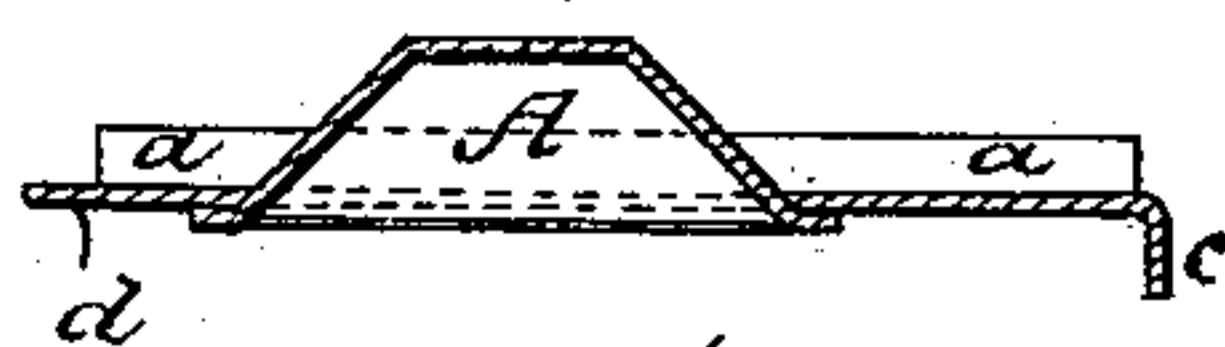
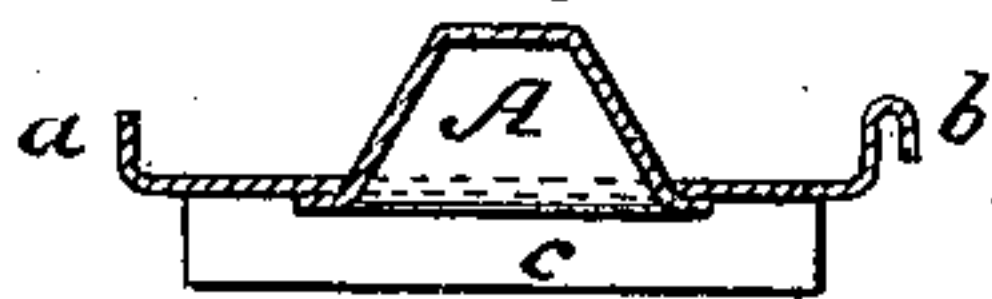


Fig. 6.



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ROOFING.

SPECIFICATION forming part of Letters Patent No. 376,918, dated January 24, 1888.

Application filed October 13, 1887. Serial No. 252,262. (No model.)

To all whom it may concern:

Be it known that I, HENRY SCHULHOFF, a subject of the Emperor of Austria-Hungary, residing at New York, in the county and State of New York, have invented new and useful Improvements in Roofing, of which the following is a specification.

My invention relates to improvements in metallic roofing; and it consists, essentially, in a tile provided with an upwardly-projecting tongue on one side, a groove corresponding to the tongue on the opposite side, and an upwardly-projecting tongue on one end, all of which is more fully pointed out in the following specification and claims and illustrated in the accompanying drawings, in which—

Figure 1 represents a plan view of a portion of a roof constructed according to my invention. Fig. 2 is a vertical section thereof in the plane $x x$, Fig. 1. Fig. 3 is a vertical section in the plane $y y$, Fig. 1. Fig. 4 is a plan view of a tile. Fig. 5 is a longitudinal section thereof in the plane $x' x'$, Fig. 4. Fig. 6 is a transverse section in the plane $y' y'$, Fig. 4.

Similar letters indicate corresponding parts.

In the drawings, referring at present to Figs. 4, 5, and 6, the letter A designates a tile, which is provided with an upwardly-projecting tongue, a , on one side, a groove, b , on the opposite side, and with a downwardly-projecting tongue, c , on one end. The opposite end has a portion, d , which projects beyond the ends of the tongue a and groove b , and which may be curved, as shown, or provided with any other ornamental outline.

In applying these tiles A to a roof (see Figs. 1, 2, and 3) a small crevice is left between the roof-boards B, Fig. 2, into which is inserted the end tongue, c , of the tile, whereby it is prevented from moving vertically. The lower portion, d , of the tile next above, which portion projects beyond the ends of the tongue a and groove b , overlaps the upper end of the tile below, thereby preventing leakage at this

point. The side tongue, a , of each tile enters the groove b of the next laterally-adjointing tile, so that the tiles are firmly united and prevented from moving laterally. If desired, the tiles can be soldered together along the seams, thereby preventing leakage at these seams. The tiles are preferably made of metal, and the tongues and grooves are formed by bending the metal in a manner well known to those skilled in the art.

If desired, the central portion of the tile can be raised to form an ornamental tile.

The object of my invention is to provide a durable roof which can be readily and cheaply constructed, and which presents a neat and ornamental appearance.

What I claim as new, and desire to secure by Letters Patent, is—

1. A tile provided with an upwardly-projecting tongue on one side, a groove corresponding to said tongue on the opposite side, and a downwardly-projecting tongue on one end, substantially as shown and described.

2. A tile provided with an upwardly-projecting tongue on one side, a groove corresponding to said tongue on the opposite side, a downwardly-projecting tongue on one end, and a portion on the opposite end extending beyond the end of the tongue and groove, substantially as shown and described.

3. The combination, with the roof-boards B, having intervening crevices, of the tiles A, having downwardly-projecting end tongues, c , to enter said crevices, overlapping end portions, d , and upwardly-projecting tongues a and grooves b , adapted to interlock, substantially as described.

In testimony whereof I have hereunto set my hand and seal in the presence of two subscribing witnesses.

HENRY SCHULHOFF. [L. S.]

Witnesses:

A. FABER DU FAUR, Jr.,
W. C. HAUFF.