

(No Model.)

C. SVENDSEN.

ROOF.

No. 270,859.

Patented Jan. 16, 1883.

Fig. 1.

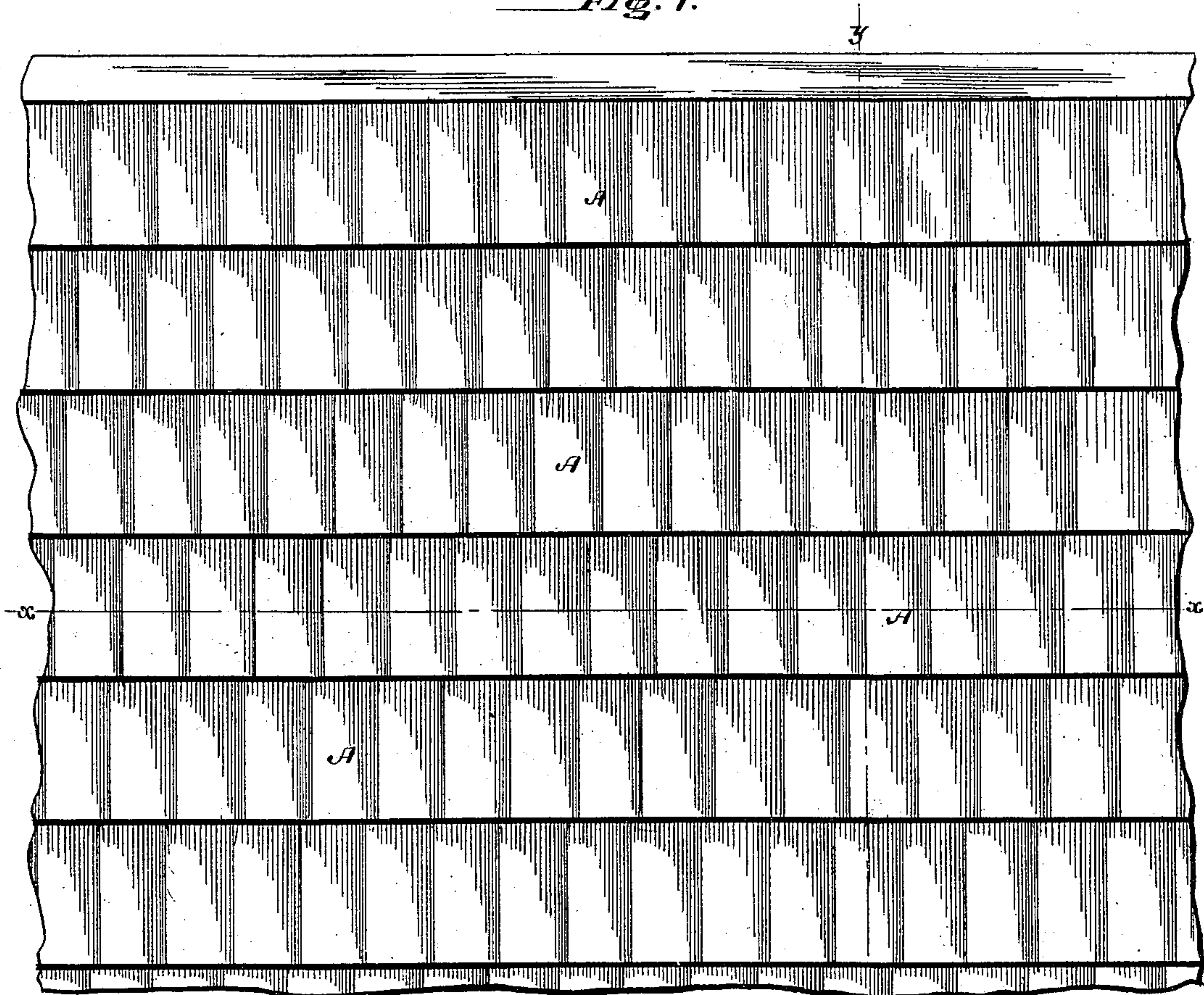


Fig. 2.

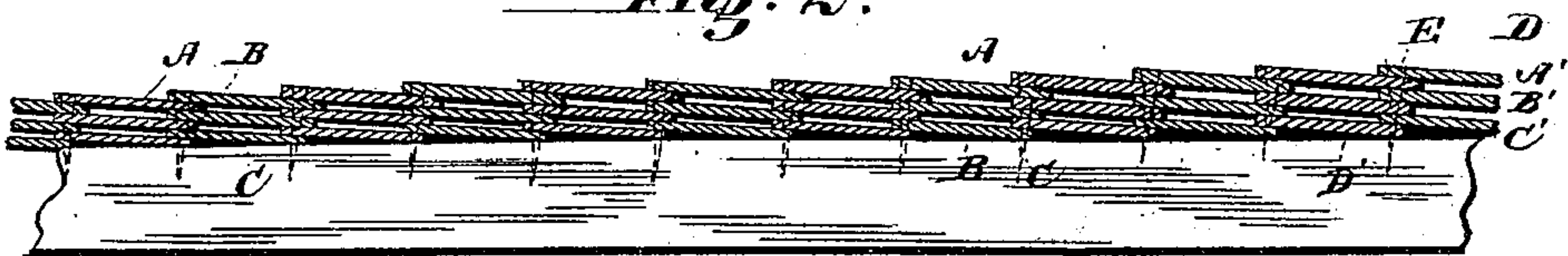
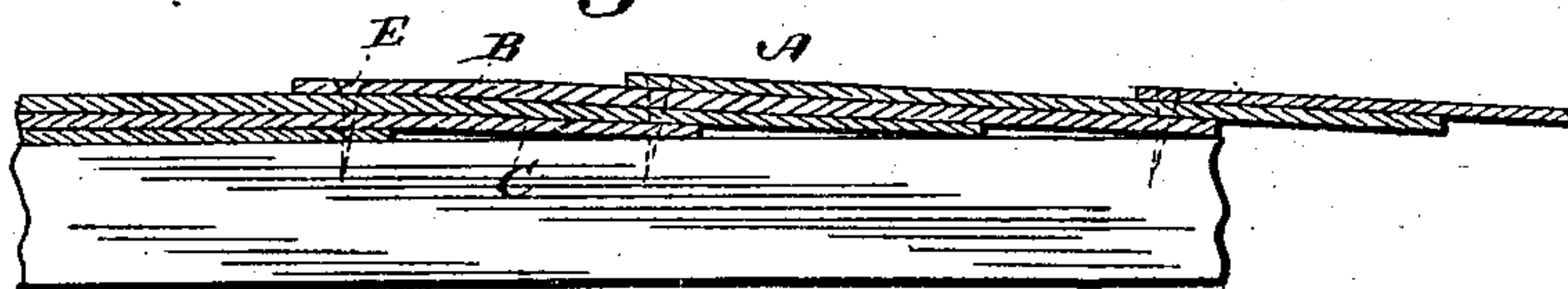


Fig. 3.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

CHRISTIAN SVENDSEN, OF CLINTON, IOWA.

## ROOF.

SPECIFICATION forming part of Letters Patent No. 270,859, dated January 16, 1883.

Application filed April 25, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, CHRISTIAN SVENDSEN, of Clinton, in the county of Clinton and State of Iowa, have invented certain new and useful  
5 Improvements in Roofs for Buildings; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings,  
10 which form a part of this specification, and in which—

Figure 1 is a plan view of a portion of a roof covered with my improved roofing. Fig. 2 is  
15 a section on the line  $xx$ , and Fig. 3 is a section on the line  $yy$ .

Corresponding parts in the several figures are denoted by like letters of reference.

This invention relates to roofing for buildings; and it consists in certain improvements  
20 in the construction of the same, which will be hereinafter fully described, and particularly pointed out in the claim.

My improved roofing is constructed of thin  
25 wooden strips, which may be thirty-six inches long, and of any desired width. Of these strips three distinct and separate layers (denoted respectively by A, B, and C) are employed, and the method of laying the courses is as follows:  
30 Commencing at one corner of the roof, as at D, three of the strips, A' B' C', are placed, B' overlapping A', and C' overlapping B' and A', and all being secured by a single nail, E, near the upper left-hand corner of C', the strips B'  
35 and C' being cut down to respectively two-thirds and one-third of their usual lengths. Another strip, D', is now inserted under the projecting ends of A' B' and secured by a nail  
40 inserted under D' and A' and secured by a nail

driven through the latter, and so on until the width of the roof has been covered with one row of strips three layers thick. In laying the second course the same procedure is followed, the upper edges of each strip being adjusted  
45 under the lower edge of the corresponding strip in the first course, and so on until the roof is finished. In this manner it will be seen that the roof consists of three distinct and separate layers, each of which forms an individual roof-  
50 covering, thus making the whole exceedingly water-proof and durable, while the cost of laying it and the material consumed is less than that of ordinary shingle roofs, its capacity for  
55 shedding water is increased, and it is not so readily dislodged by wind or from other causes.

My improved roof, when finished, is to be provided with a coating of mineral or other non-combustible and water-proof paint, which may in turn be sprinkled with gravel, powdered  
60 glass, or similar material.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

The roof herein described, consisting of  
65 courses of long wooden strips, arranged to overlap each other laterally, as shown, the said courses being arranged to overlap the corresponding course below in such manner as to break joints, the whole having a non-combus-  
70 tible and water-proof coating, substantially as and for the purpose set forth.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

CHRISTIAN SVENDSEN.

Witnesses:

WM. W. STEVENS,  
PETER SUTOMME.