No. 676,776. Patented June 18, 1901.

L. H. SOLOSTH.

STOVE BOARD.

(Application filed Aug. 17, 1900.)

(No Model.) 2 Sheets—Sheet 1.

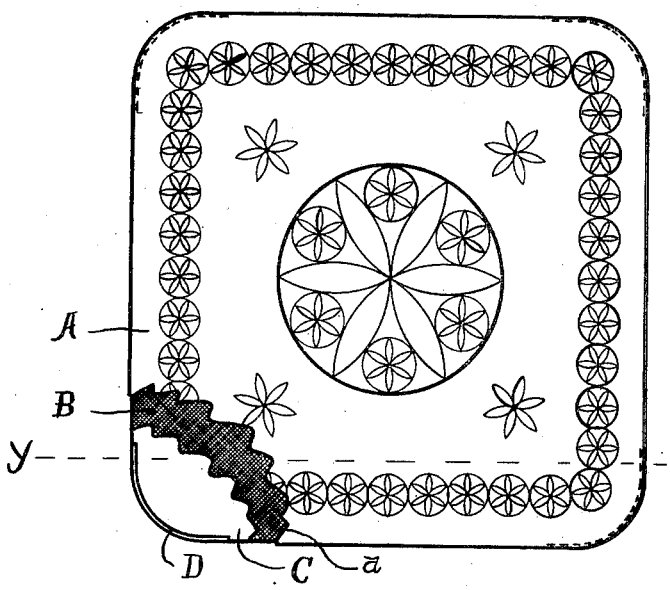

Fig. 1.

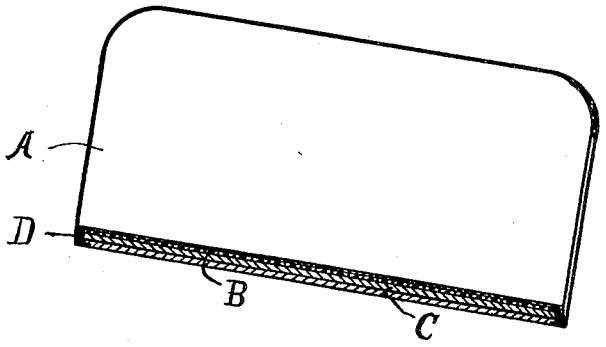

Fig. 3.

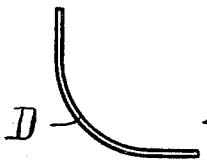

Fig. 5.

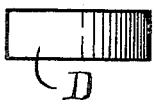

Fig. 6.

WITNESSES:
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No. 676,776. Patented June 18, 1901.

L. H. SOLOSTH.

STOVE BOARD.

(Application filed Aug. 17, 1900.)

(No Model.) 2 Sheets—Sheet 2.

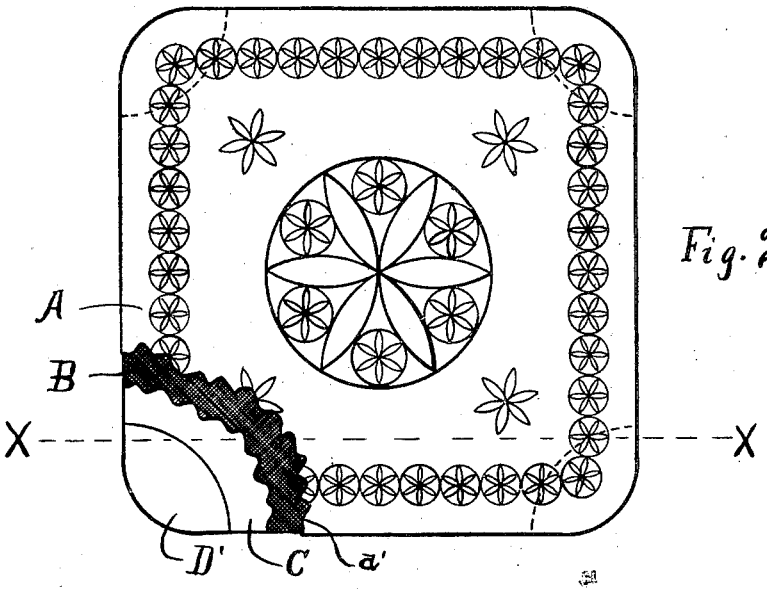

Fig. 2.

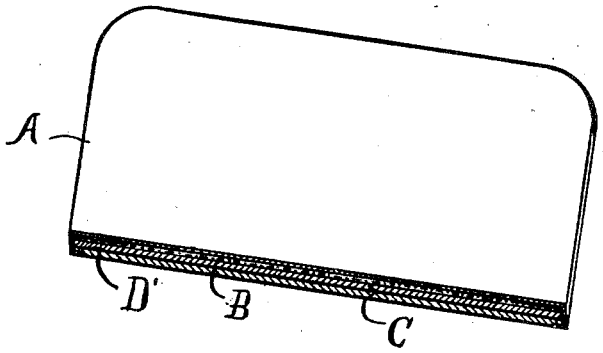

Fig. 4.

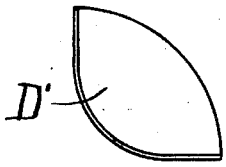

Fig. 7.

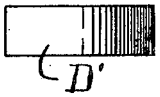

Fig. 8.

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UNITED STATES PATENT OFFICE.

LARS H. SOLOSTH, OF GRAND RAPIDS, MICHIGAN, ASSIGNOR OF ONE-HALF TO FRANK H. MATHISON, OF SAME PLACE.

STOVE-BOARD.

SPECIFICATION forming part of Letters Patent No. 676,776, dated June 18, 1901.

Application filed August 17, 1900. Serial No. 27,205. (No model.)

To all whom it may concern:

Be it known that I, LARS H. SOLOSTH, a citizen of the United States, residing at Grand Rapids, in the county of Kent and State of Michigan, have invented a certain new and useful Improvement in Stove-Boards, of which the following is a specification.

My invention relates to improvements in boards for use under stoves; and its objects are, first, to provide a stove-board having an asbestos lining to prevent heating through the metal covering and avoid the danger of charring the board; second, to provide a stove-board having the corners of the board reinforced to protect the board and to form a perfect and smooth corner after the sheet-metal covering is bent over and formed to proper place, and, third, to provide a stove-board having the corners reinforced to protect the corners on the face of the board where the legs of the stove set. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a plan of my stove-board with one corner broken away, showing the asbestos lining and the sheet-metal strip that protects the corner. Fig. 2 is the same, showing a modified form of sheet-metal corner arranged to protect both the corner and the face of the board. Fig. 3 is a perspective sectional view on line *y y* of Fig. 1. Fig. 4 is the same on line *x x* of Fig. 2. Fig. 5 is a plan of the sheet-metal strip or corner. Fig. 6 is an elevation of the same. Fig. 7 is a bottom plan of a modified form of the sheet-metal corner. Fig. 8 is an elevation of the same.

Similar letters refer to similar parts throughout the several views.

A represents the ornamental sheet-metal top or covering of my stove-board, the edges of which pass down and under the board to cover the edges of the board, as in Figs. 3 and 4.

B is an asbestos lining between the sheet-metal covering and the wood bottom, which prevents the heat of the stove from heating through and injuring the wood portion of the board, the carpet, or the floor.

C is a double wooden lining or bottom laid crosswise, so as to stiffen and strengthen the body of the board.

D is a sheet-metal strip formed and made to rest against the edge of the wooden bottom to support the sheet-metal top or covering as it is bent over the outside of the said sheet-metal strip, so as to form a perfect and smooth corner when the top is formed and bent to its proper place around the edge of the board.

D′ is a modified form of the sheet-metal corner formed in such a shape as to protect the edge and also the top of the corners of the board where the foot of the stove rests. At *a* and *a′* in Figs. 1 and 2 the corner is broken away to show the asbestos lining B and the sheet-metal strip D and also the wooden bottom or lining.

The principal feature of my stove-board is the sheet-metal strip D, which is formed around the corners and rests against the outer edge of the wooden bottom or lining of my stove-board to support and protect the metal top or covering when forming the overlapping corner around the edge of the board.

The sheet-metal covering A is smoothly bent over the sheet-metal strip D, which leaves no rough edges, but makes a perfect, even, and smooth corner, which cannot be attained without using this metal strip or corner. In constructing a stove-board without this strip it is found that the forming of the sheet-metal covering over and around the corners will invariably jam or press it into the wood and greatly disfigure the metal cover, while with my construction—that is, the insertion of the metal strip around the corners, as shown in Figs. 1 and 5—the support is sufficiently resisting to act as an anvil, as it were, over which to form the thin metal corners of the covering perfectly smooth.

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

In a stove-board, a wood bottom, a sheet-metal top, and a non-combustible lining between, in combination with a metal strip reinforcing the corner of the board and supporting the fold of the corner of the sheet-metal top, substantially as and for the purpose set forth.

Signed at Grand Rapids, Michigan, August 13, 1900.

LARS H. SOLOSTH.

In presence of—

M. E. WHITNEY,

ANDREW ALLGIER.