

(No Model.)

I. VAN HAGEN.
STOVE PLATFORM.

No. 312,933.

Patented Feb. 24, 1885.

Fig. 1.

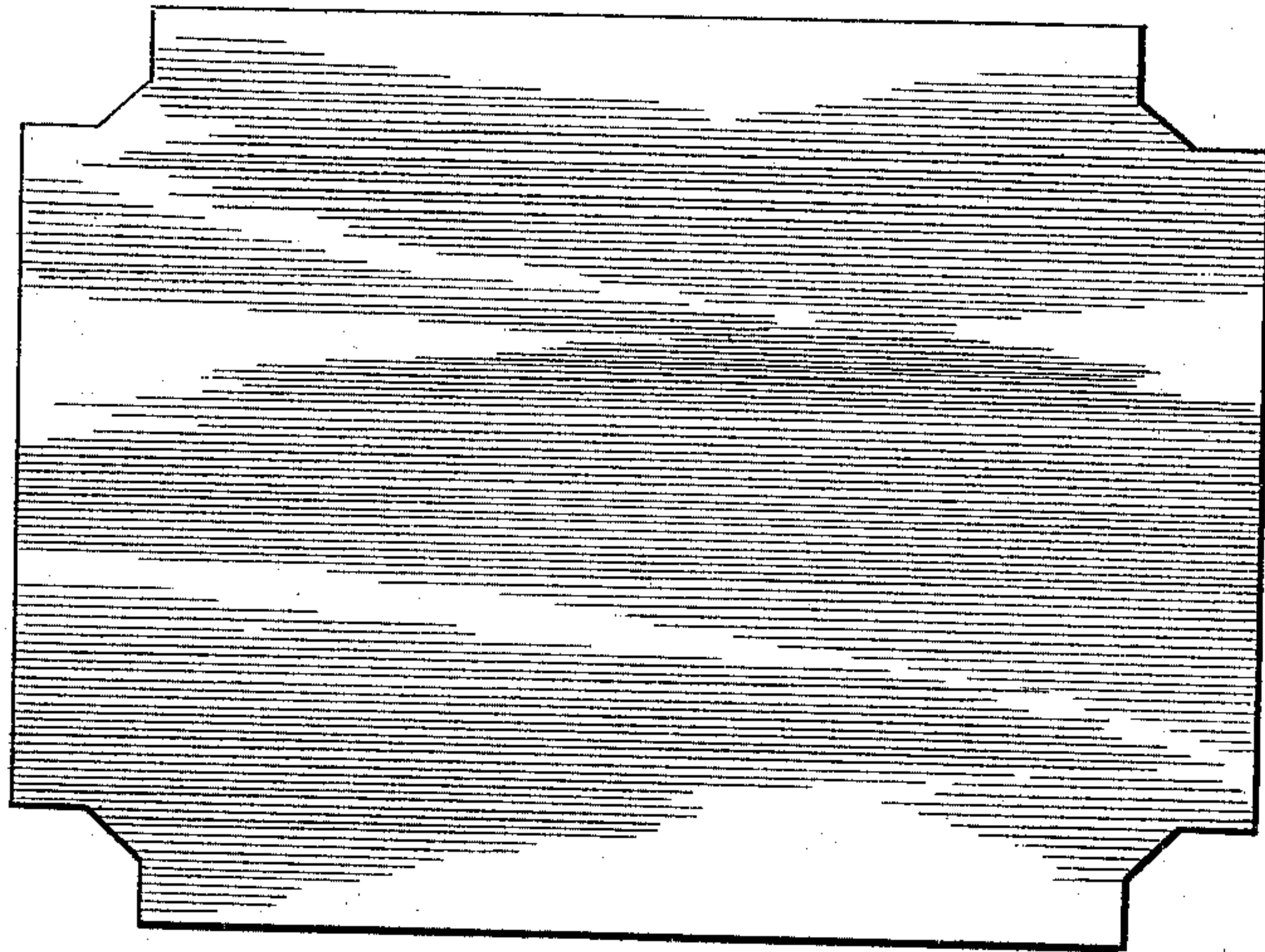


Fig. 2.

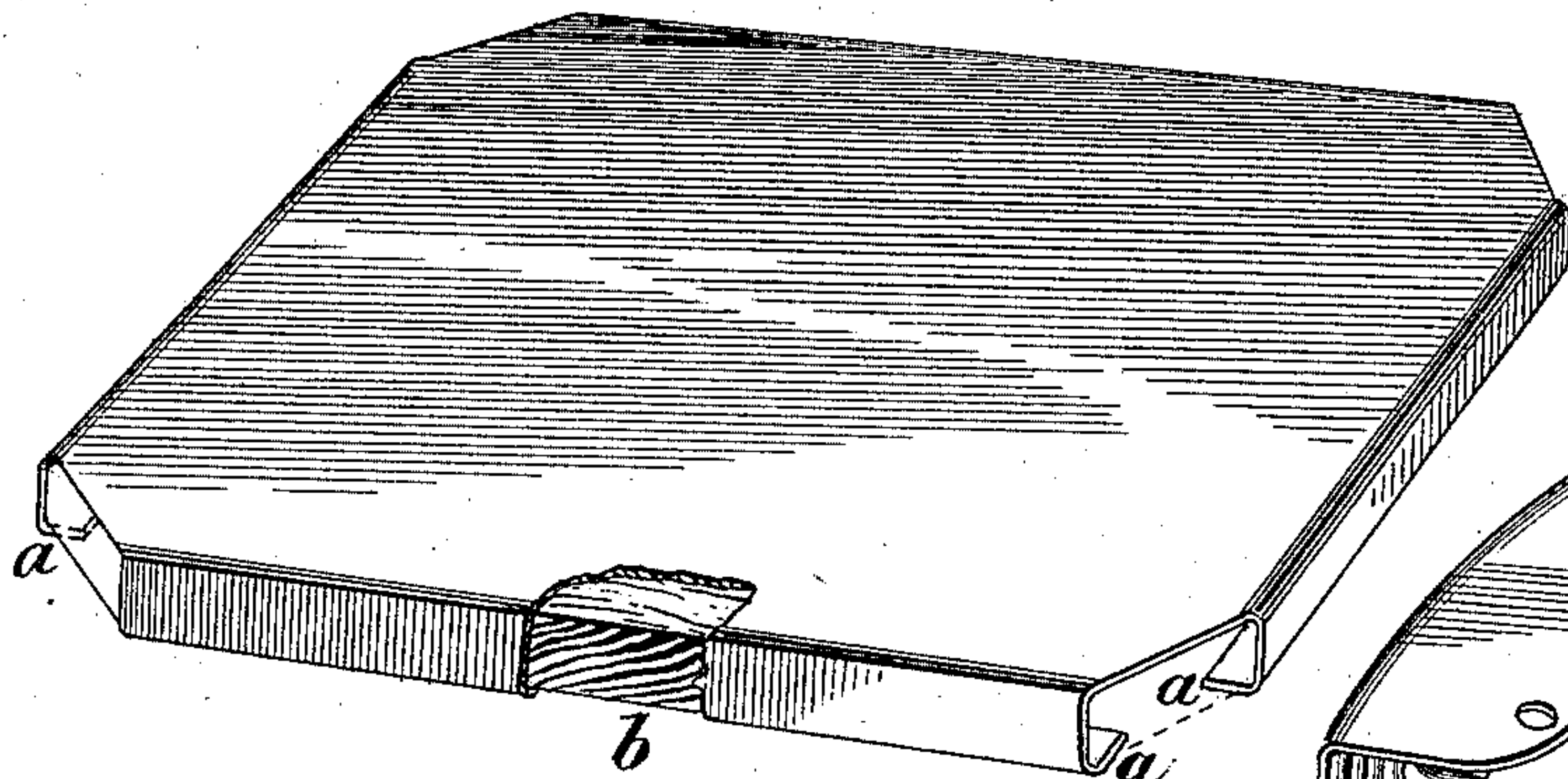


Fig. 3.

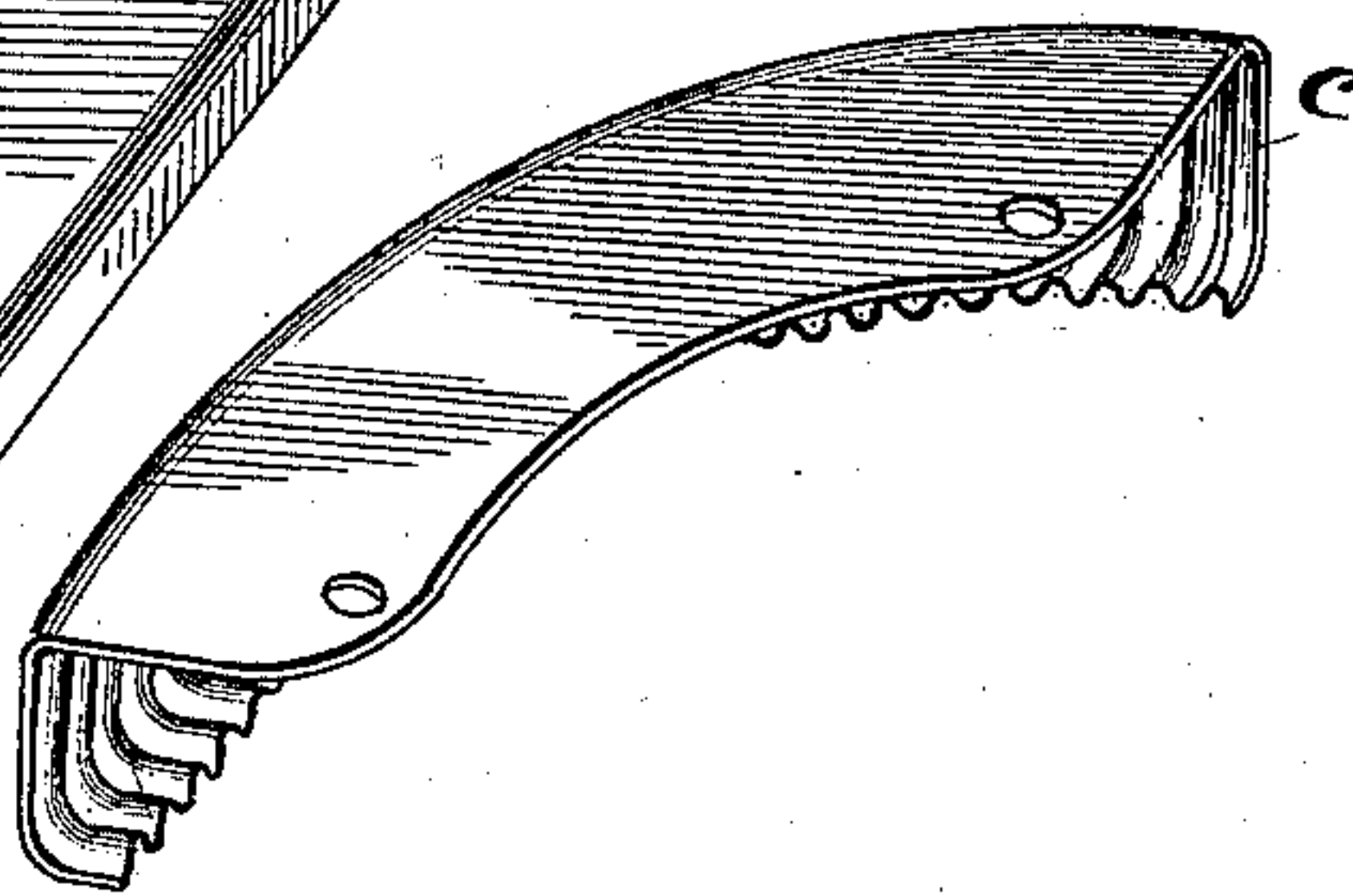
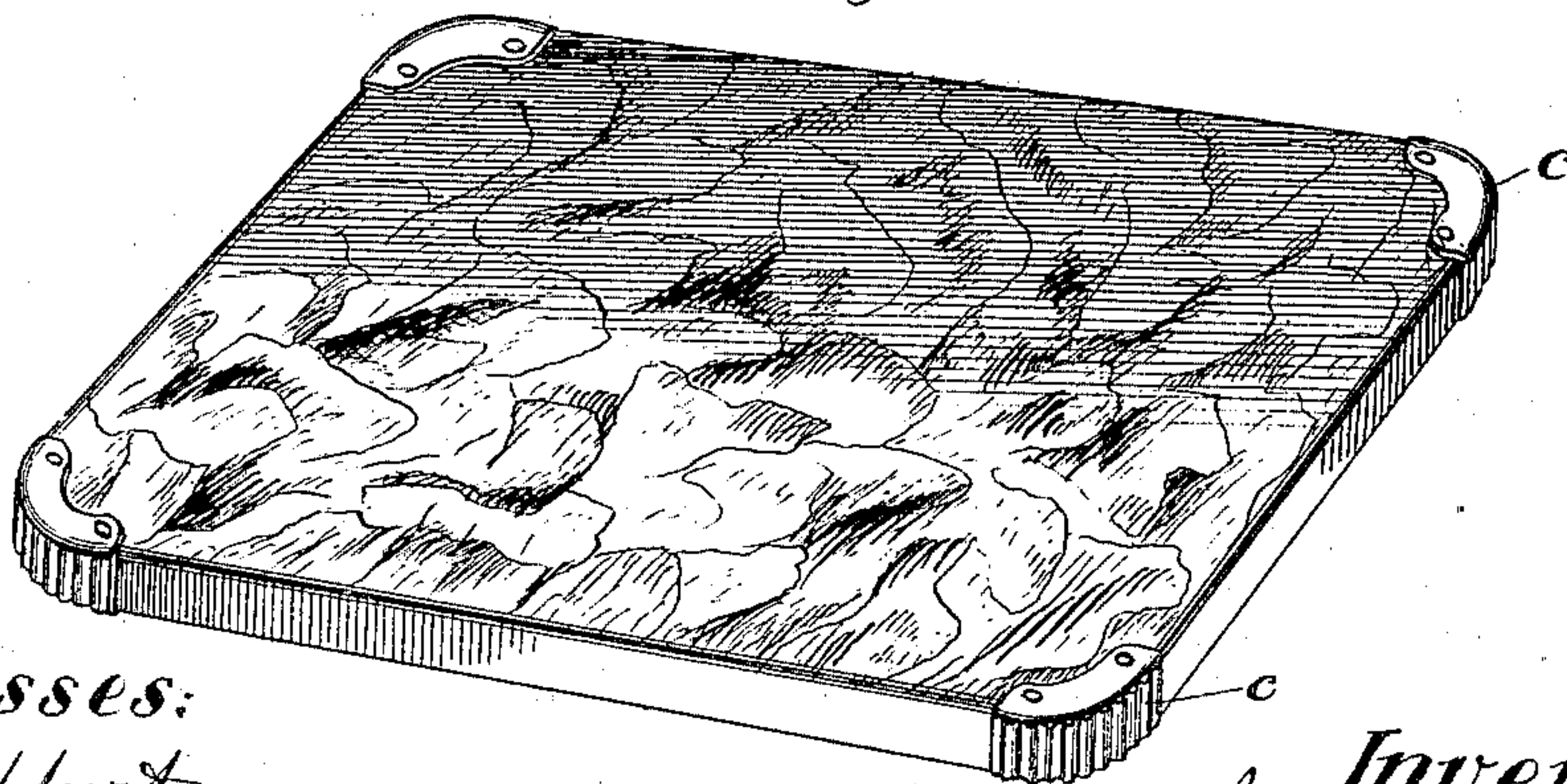


Fig. 4.



Witnesses:
A. Ruppert.
W. T. Cole.

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by A. W. J. Howard
attys.

UNITED STATES PATENT OFFICE.

ISAAC VAN HAGEN, OF CHICAGO, ILLINOIS.

STOVE-PLATFORM.

SPECIFICATION forming part of Letters Patent No. 312,933, dated February 24, 1885.

Application filed January 23, 1883. (No model.)

To all whom it may concern:

Be it known that I, ISAAC VAN HAGEN, of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful
5 Improvements in Stove-Platforms, of which the following is a specification, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

In my Patent No. 271,163, granted January
10 23, 1883, the object is to produce a disk-shaped cover inclosing all parts of the periphery of the base, the disk being formed or shaped without the spinning process, which is impracticable with crystallized tin, because
15 of its hardness and stiffness.

My present invention is directed to a square or rectangular platform having separate corner-pieces, and also contemplates the use of crystallized tin, the advantages of which over
20 zinc and other substances, by reason of its greater durability and attractiveness in appearance, are apparent.

In the accompanying drawings, Figure 1 is a plan view of a sheet-metal blank illustrating the mode of manufacturing and constructing my improved cover. Fig. 2 is a perspective view showing the cover when applied to the board or base, but without the corner-pieces. Fig. 3 is a perspective view of one of
30 the corner-pieces. Fig. 4 is a perspective view of the entire platform complete with the corner-pieces attached.

Similar letters of reference indicate similar parts in the respective figures.

35 In constructing my improved cover, I take a sheet of tin, and by approved machinery stamp or cut out the corners by one or successive operations. A blank thus formed is shown in Fig. 1. The next step is to crystallize the surface of the tin. I next bend
40 over the sides, so as to form double angles, as represented in Fig. 2, the lower portions, *a*, being parallel with the surface of the blank. The board or base *b* is now sprung or inserted within the bent sides of the cover, and
45 the base and blank are securely pressed or forced together.

The corner-piece *c* (shown enlarged in Fig. 3) is made of a sheet of tin stamped out to the
50 proper shape and bent to angles, as shown, whereby a clamp is formed to fit over the corners of the blank and base. The corner-pieces

are attached to the base by tacks or other means.

Heretofore in the trade corner-pieces have
55 been formed and bent to embrace the corners of a stove-board; but the objection to them has been that they have been insufficient to sustain rough usage or to receive blows without becoming indented or bruised on their
60 edges or perpendicular sides. The corner-piece which I employ is strengthened by having its outer edges corrugated, as shown in the drawings.

I am aware that it is not new to increase
65 the strength of metallic articles by corrugating them, as this has been extensively done in the various arts; but I am not aware that the strength of the corner-pieces of a stove-platform has been enhanced in this manner.
70 An advantage additional to that of increased strength is found in the fact that the corrugated surface adds greatly to the attractiveness of the platform by serving as a reflector, after the manner of reflectors for lamps, long
75 in common use.

I am aware of Patent No. 233,947, granted November 2, 1880, to H. Rendtorff, and disclaim the invention therein described. Said patent shows a stove-board cover made in
80 sections of crystallized tin and provided with corner-pieces of a peculiar form, and differs both in the construction of the cover and corner-pieces from the invention herein described. The cover, being in sections, requires
85 to be attached together, which increases its cost without in any degree adding to its strength, appearance, or utility. I also disclaim the invention described in Patent No. 124,237, granted March 5, 1872, to W. Westlake.
90

The crystallized tin may be variously colored and afterward varnished. The corner-pieces have preferably a bright surface, produced by nickel-plating, silver-plating, or by
95 other means, and when employed with the crystallized cover form a pleasing contrast.

While I preferably use corner-pieces having outer corrugated surfaces, it is within the scope of my invention to use with the one
100 sheet-board corner-pieces having plain outer surfaces.

I claim as my invention—

In a stove-platform, a base of suitable ma-

terial, and a top composed of a sheet of crystallized tin having its corners removed and its remaining edges turned in the shape of a double right angle over and upon the edges
5 and vertical sides of the base, combined with corner-pieces, substantially as set forth.

In testimony whereof I have hereunto set

my hand and affixed my seal this 23d day of January, 1883.

ISAAC VAN HAGEN. [L. S.]

Witnesses:

GEORGE H. HOWARD,
CHARLES P. WEBSTER.