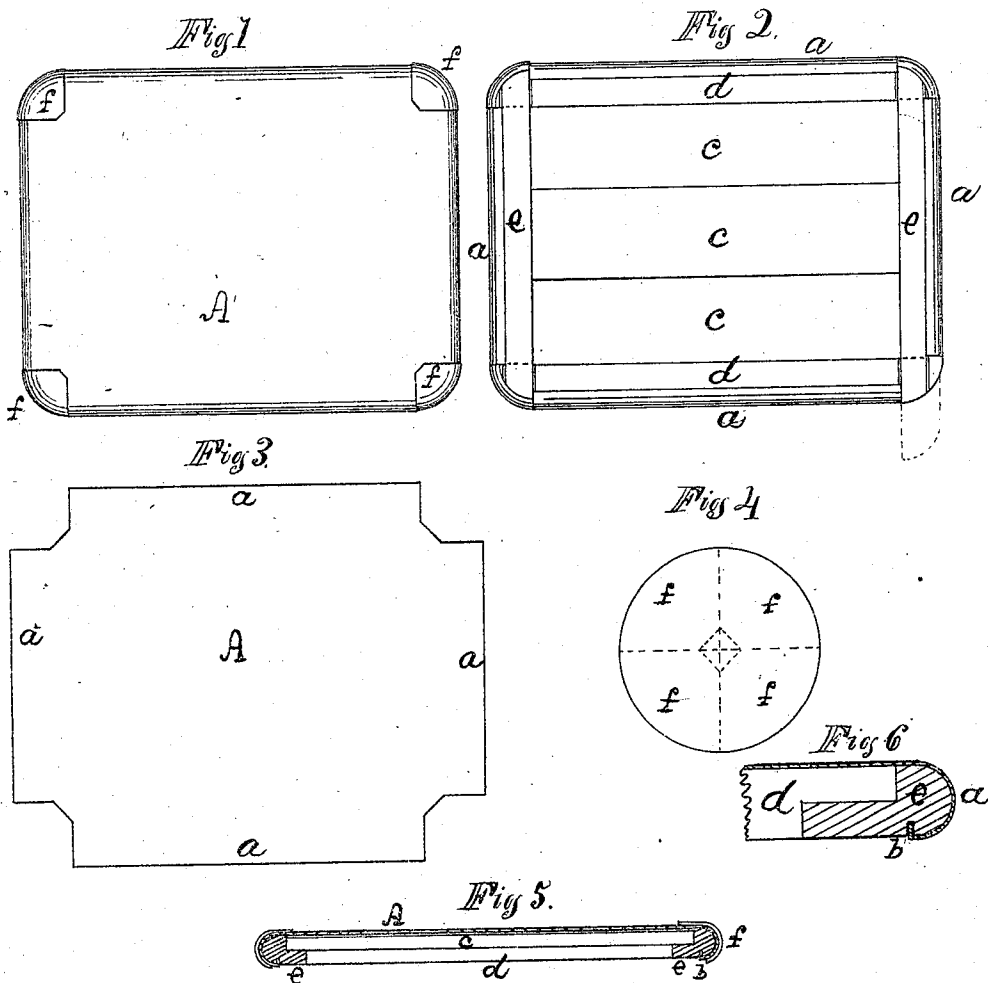


WILLIAM WESTLAKE.

Stove Platform.

No. 124,237.

Patented March 5, 1872.



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WILLIAM WESTLAKE, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN STOVE-PLATFORMS.

Specification forming part of Letters Patent No. 124,237, dated March 5, 1872.

SPECIFICATION.

I, WILLIAM WESTLAKE, of the city of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Platforms for Stoves, of which the following is a full description, reference being had to the accompanying drawing making a part of this specification, in which—

Figure 1 is a plan view of the completed platform; Fig. 2, an under-side view of the platform, showing one corner incompleated. Fig. 3 represents the blank from which the metal covering is made; Fig. 4, the blank from which the corner-pieces may be made; Fig. 5, a vertical longitudinal section; and Fig. 6, an enlarged detail.

The object of my invention is to so construct a cheap platform for stoves that it will have no angular corners, and in which the metal covering and wood portions are secured together without nails.

In the drawing, A represents a sheet of metal—zinc being preferred—having its corners cut out, as shown. The projecting portions *a* of this sheet are each to be turned over, by suitable machinery, in the form represented in Fig. 6, having a lip or projection, *b*. *d d* are strips of wood, having one edge formed to fit the bent portion *a* of the metal, and provided with a longitudinal groove, in which the lip *b* passes.

These pieces of wood *d* can be inserted at the open corners and brought to the position represented in Figs. 2 and 5. The space between *d d* is then filled with thin pieces of board, *e*, somewhat shorter than the metal, and other strips, *e e*, provided with grooves similar to those in *d*, and fitting the curved portions *a* of the metal, and having a portion cut away, as shown in Fig. 6, are then inserted, as shown in Fig. 2. Before inserting these pieces *e*, the ends of *d* must be cut away, as represented in Fig. 6; the corners are then completed, as represented in Fig. 1, by soldering the round corners *f* to the sheet A. These corners can

most conveniently be made by spinning a circular piece of metal to the desired shape, from which these four corners *f* can be cut. (See Fig. 4.) The edges of the metal will be filled by the pieces *d* and *e*, and the pieces *e* will be securely held in place by means of *e e* without the use of nails or any other fastening.

The wood pieces *d* and *e* can be prepared in long strips by machinery and cut up as may be necessary.

This platform can be made with great rapidity, and will be found far superior to the ordinary square platform in use, having no sharp or projecting corners and no nails.

The ends of the pieces *d* and *e* are to be so formed that the corners *f* will fit over them; and thus the corners will be filled with wood as well as the other portions.

A platform might be made by bending the parts *a* over the edges of an interior, consisting of one or more pieces of board of uniform thickness, and nailing those parts, *a* to the board, and then covering the corners with the pieces *f*, as before. This platform would have round corners; but in other respects it would be inferior to that first described, and would be more expensive.

Some method other than that described might be used for securing the corners *f* in place without departing from the spirit of my invention; even nails might be used for this purpose, if properly inserted and secured.

What I claim as new is as follows:

1. The platform for stoves herein described, consisting of the metal covering A and a wood interior, *c d e*, constructed and held together substantially as and for the purposes specified.

2. The method herein described of preparing the corners *f* by first spinning a disk of metal to the required shape, and then cutting the same into four pieces, each adapted to cover one corner, substantially as specified.

WILLIAM WESTLAKE.

Witnesses:

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