W. W. WADSWORTH.
Stove-Platform.

No. 197,233. Patented Nov. 20, 1877.

Fig. 1.

Fig. 2.

Fig. 3.

Fig. 4.

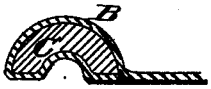

Fig. 5.

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WILLIAM W. WADSWORTH, OF NEW YORK, N. Y.

IMPROVEMENT IN STOVE-PLATFORMS.

Specification forming part of Letters Patent No. **197,233**, dated November 20, 1877; application filed August 10, 1877.

To all whom it may concern:

Be it known that I, WILLIAM W. WADSWORTH, of the city, county, and State of New York, have invented a new and useful Improvement in Stove-Platforms, which improvement is fully set forth in the following specification, reference being had to the accompanying drawings.

Figure 1 is a sectional view through the center of the platform. Figs. 2, 3, 4, and 5 are sectional views of the rib or beaded edge enlarged.

Like letters designate similar parts in each of the figures.

My improvement relates most especially to the manner of strengthening the edge of a platform that is made wholly of zinc or some suitable metal, and has a beaded edge or rib formed by rolling or spinning a raised corrugation, semicircular in form, as shown in Figs. 1, 2, 3, and 4, or triangular, with an outer bevel surface, as in Fig. 5, and following the shape of the board or platform near or at its edge. This beading very materially improves the good appearance and durability of the platform, if it is strong enough on its surface to keep its shape, it being subjected to a tendency or liability to flatten down, and also protects the whole edge of the stove-board from turning up away from the floor.

To stiffen the edge for the said purpose, I fill up the corrugation with a mixture of plaster-of-paris, or any other substance which is plastic when put in and will afterward harden. This can be done by any convenient way before the edge of the metal is fully closed under, and when so prepared it is put on a lathe and the edge closed up, leaving it as shown at Fig. 1 at B.

The plaster or cement is represented by C in all the figures, and the metallic body by A, Fig. 1.

It may be advisable, also, to form a semicircular groove on the under side of the edge, as shown in Figs. 4 and 5, for the purpose of giving the edge additional strength.

My improvement is readily applied and very cheap, and it is believed that it will increase the durability of a platform to a degree at least double what it would be if the edge were hollow, as it is now in nearly all the platforms made. Any shape of bead can be used with this, when wire or similar modes of accomplishing the object only admit of limited forms, if the filling is a solid substance when put in.

I claim—

In a sheet-metal stove-platform, a bead or rib around the edge of the same, filled with a plastic non-combustible substance, which is secured in its place by the edge of the platform, which is turned over it, substantially in the manner described.

WM. W. WADSWORTH.

Witnesses:
JOHN S. BROOKS,
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