

W. WESTLAKE.
Zinc Board for Stoves.

No. 112,996.

Patented March 21, 1871.

Fig. 1.

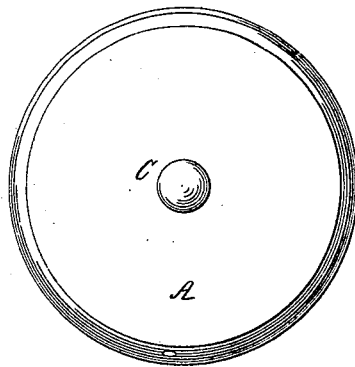


Fig. 3.

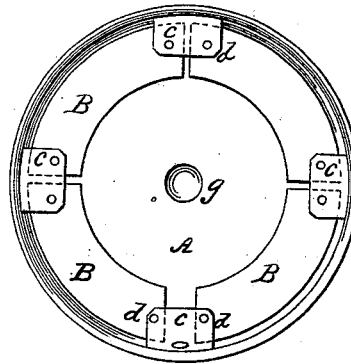


Fig. 2.

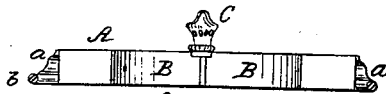


Fig. 5.

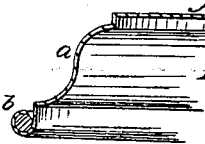
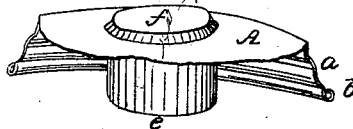


Fig. 4.



Witnesses:

E. A. West
Over Bond

Inventor:

William Westlake

UNITED STATES PATENT OFFICE.

WILLIAM WESTLAKE, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN ZINC BOARDS FOR STOVES.

Specification forming part of Letters Patent No. 112,996, dated March 21, 1871.

To all whom it may concern:

Be it known that 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 Zinc Board for Stoves, of which the following is a full description, reference being had to the accompanying drawings making a part of this specification, in which—

Figure 1 is a top view; Fig. 2, a vertical section; Fig. 3, a bottom view. Fig. 4 illustrates another manner of supporting the top of the board; Fig. 5, an enlarged detail.

The object of my invention is to construct a zinc board for stoves better and cheaper than those now in use; and I do this by taking a piece of zinc, either round or oval, as may be desired, and turning down the edge thereof, so as to form a flange, the extreme edge being beaded, and providing a suitable support for the legs of the stove to rest upon.

In the drawings, A represents a piece of zinc, having an ornamental flange, *a*, the edge of which has a bead, *b*, for strength. This flange may be of any suitable width. I usually make it about one inch wide. Upon the under side of A I secure one or more pieces of board, as seen in Fig. 3.

I usually use four pieces, B, of the form shown, thus using but little lumber, and cutting the same with very little waste. These pieces should be thick enough to come out on a line with the outer edge of the flange, furnishing a support for the legs of the stove, and they may be secured in place by means of pieces of sheet metal *c*, soldered to the flange, and tacked to the pieces of board at *d*.

It is not necessary that these wood supports should extend entirely around the interior of the zinc, as shown, though in use it will be found convenient to have the board so constructed.

The bead *b* may be wired, if desired, though it will not usually be necessary. This bead

forms a nice finish for the edge of the zinc, and keeps it in place, and presents no points or corners.

Instead of the wood supports B, metal supports *e* may be secured to the under side of the zinc, at the points where the legs stand, and a boss, *f*, may be secured to the upper surface to indicate where the legs must be placed, as shown in Fig. 4. Holes may be provided in the flange *a* opposite the joints of the wood supports, and a hole, *g*, may be made in the center of A for ventilation.

In the drawings, C represents a perforated hollow knob, soldered to A around the central hole mentioned.

The flange and bead can be made by machinery.

I do not confine myself to the use of zinc, though this metal is obviously the best.

As zinc boards for stoves are now made the edges of the zinc are bent over and tacked to a rectangular board, the ends of which must be secured against warping, and it is difficult to make a nice job free from points, and round or oval boards cannot be made without great expense. The wood portion of zinc boards now used is likely to shrink, the zinc becoming uneven.

The zinc board described is free from all these objections, and can be made at less cost than those now in use.

The flange *a* is continuous, without seam or joint.

What I claim as new is—

As a new article of manufacture, the herein-described zinc board or platform for stoves, consisting of the sheet A, provided with the flange *a*, and having blocks secured at suitable points underneath for supporting the legs of the stove, substantially as described.

WILLIAM WESTLAKE.

Witnesses:

E. A. WEST,
O. W. BOND.