

W. M. CONGER.
Stove-Platforms.

No. 136,589.

Patented March 11, 1873.

Fig:1.

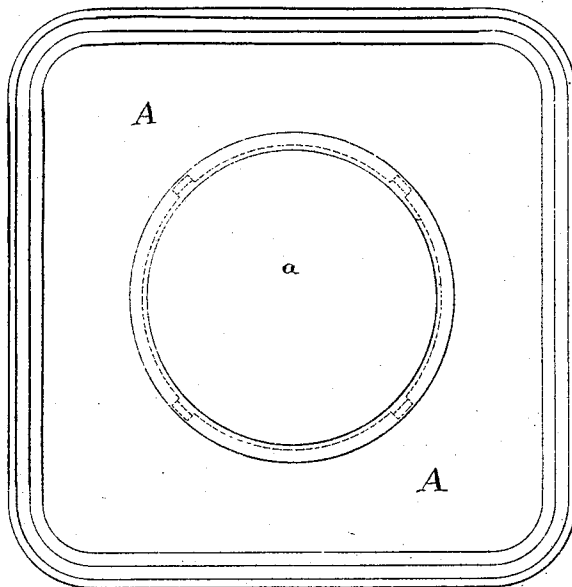


Fig:2.

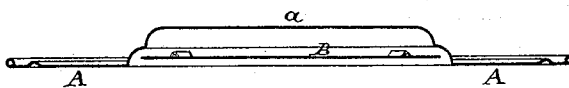
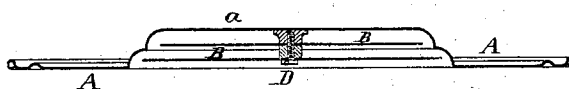


Fig:3.



Witnesses:

Arnold Hornum.
Alfred Westbrook

Inventor:

W. M. Conger
by his attorney
T. S. Stetson

UNITED STATES PATENT OFFICE.

WALTER M. CONGER, OF NEWARK, NEW JERSEY.

IMPROVEMENT IN STOVE-PLATFORMS.

Specification forming part of Letters Patent No. **136,589**, dated March 11, 1873.

To all whom it may concern:

Be it known that I, WALTER M. CONGER, of Newark, Essex county, New Jersey, have invented certain Improvements relating to Stove-Supports, of which the following is a specification:

Previous inventions by myself and others have provided thin and light metallic shields to be used under stoves, between the stove and the carpet. Such are capable of being richly finished, and, being afforded at a low price, they are very much in demand; but it is found that some kinds of stoves throw down heat too intensely to be resisted by the ordinary supports.

The present invention is intended to offer additional security for the carpet and floor by a peculiar construction, which greatly increases the resilient power of the support. It offers two or more thicknesses of thin metal with spaces between. This construction constitutes it a highly-effective non-conductor, while it is of little weight, and contains nothing liable to perish or to become loose.

The following is a description of what I consider the best means of carrying out the invention.

The accompanying drawing forms a part of this specification.

Figure 1 is a plan view. Fig. 2 is a central cross-section; and Fig. 3 is a corresponding section, showing two shields instead of the one shown in Fig. 2.

Similar letters of reference indicate corresponding parts in all the figures.

A is a large sheet of rolled iron, and *a* is a dome formed therein by the action of suitable dies. Thus far the stove-support is similar to what I have described in a previous patent. B is a shield of the same or a different metal, held a little above the level of the plane part A, and consequently when in use a little above the carpet, so that there is a space both above it and below it. I prefer to hold this piece B in its position by means of strips or extensions extending out from its edge, and being brazed

upon the inner surface of the dome near its edge, as indicated in Figs. 1 and 2. Other modes of mounting and supporting it may be adopted, if preferred.

Fig. 3 shows a form in which there are two or more of the shields B supported by a screw tapped into a nut or piece of metal, which is brazed to the interior of the dome *a*. This construction allows the shield or shields to be removed by operating the fastening-screw D when desired.

With either construction the entire top may be wiped, washed, or otherwise treated in the same manner as my stove-support previously described, while the heat received by the upper surface of the dome, instead of being allowed to radiate downward from the under surface directly to the carpet, is guarded against by one or more additional shields interposed with spaces between. I find that one such additional shield is of very great effect in defending the carpet. Two or more will probably increase still further the effectiveness of the protection.

The mode of supporting shown in Figs. 1 and 2 leaves the center of the dome undisturbed. The mode shown in Fig. 3 allows greater facilities for cleaning. I prefer, as before intimated, the construction shown in Figs. 1 and 2. The strips by which the lower shield B is supported may be formed in one with the lower shield B, and bent by dies to the form desired.

I claim as my invention—

The continuous sheet A *a* formed with a dome where the heat is received, in combination with the shield or shields B held between the dome and floor, with a space above and below, and adapted to serve as herein set forth.

In testimony whereof I have hereunto set my hand this 30th day of December, 1872, in the presence of two subscribing witnesses.

WALTER M. CONGER.

Witnesses:

ARNOLD HÖRMANN,
W. C. DEY.