

J. A. HUNTER.
Floor-Shield for Stoves.

No. 161,041.

Patented March 23, 1875.

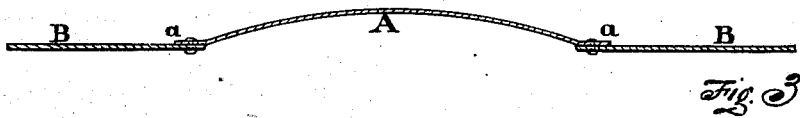
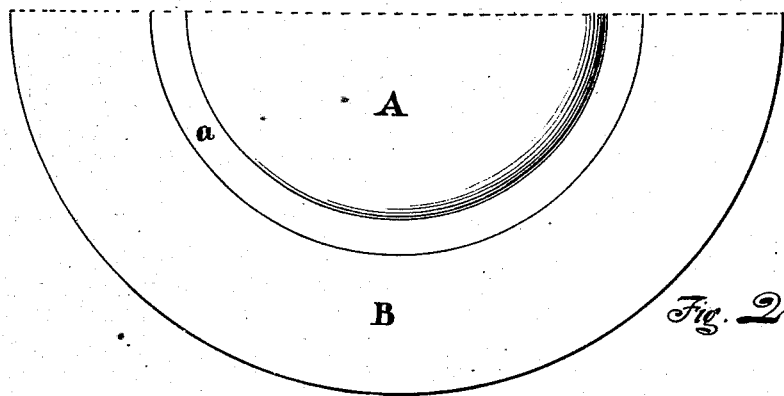
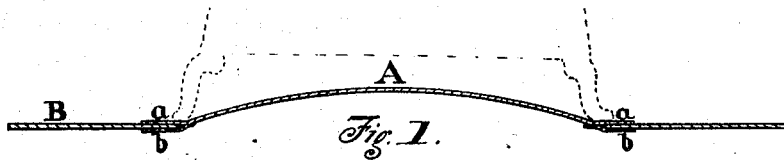


Fig. 4.

Witnesses:
Marston Martin
Gerrardie Archer

James A. Hunter
(by E. S. Hunter, his atty.
in fact)

UNITED STATES PATENT OFFICE.

JAMES A. HUNTER, OF PEORIA, ILLINOIS.

IMPROVEMENT IN FLOOR-SHIELDS FOR STOVES.

Specification forming part of Letters Patent No. **161,041**, dated March 23, 1875; application filed February 18, 1875.

To all whom it may concern:

Be it known that I, JAMES A. HUNTER, of the city of Peoria, in the county of Peoria, in the State of Illinois, have invented an Improvement in Floor-Shields for Stoves; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the annexed drawings, making a part of this specification, in which like letters of reference refer to like parts, and in which—

Figure 1 represents a vertical section through the center; Fig. 2, a plan of half the shield; Fig. 3, a vertical section, in which the center is riveted to the surrounding part; Fig. 4, a vertical section of shield, with a wood mounting.

This invention has for its object to enlarge the area of the floor-board or metal sheet placed under a stove to protect the floor, &c., without extending the metal beyond the usual limits, the design being to protect the floor or carpet from ashes, cinders, &c.

This I do by combining the usual metal stove-board with an oil-cloth extension or border, B, wide enough to extend several inches beyond the feet of the stove, preferably in a circular form. The junction of the two materials is effected in two or more different ways—first, by cutting out from the center of the oil-cloth designed to border the metal shield a piece of the material a little less in diameter than that of the shield A. The latter is provided with a flange, *b*, below its rim *a*, either riveted or soldered thereto, wide enough to retain an inch or two of the surrounding oil-cloth between it and the rim of the shield, and form a smooth even junction, retaining the same securely, and preventing the passage of water (in washing the same) between the shield proper and the oil-cloth, which might other-

wise injure the carpet. The outer edge of the oil-cloth may be protected by a binding of metal or other guard.

The whole may be mounted upon a platform of wood, if desired, in which case the metal and cloth would be more thoroughly protected from abrasion, and also be more easily handled as merchandise. The metal binding would then cover the wooden mounting, as well as the edge of the oil-cloth. (See Fig. 4.)

Second, I also rivet the zinc or metal plate or shield A directly to the oil-cloth, without the use of the second flange *b*, and without cutting out the center of the cloth, except when quantities are manufactured for transportation, in which case the shield, when bossed or raised in the center, will fit into its neighbor.

What I claim as my invention is—

1. The combination, with a metal floor-shield for stoves, of an outer border or extension of oil-cloth, (as a carpet or floor protector,) united thereto by a double flange or rim, *a b*, which clasps the inner edge of the cloth, substantially as and for the purposes described.

2. The combination, with a metallic floor-shield for stoves, of a surrounding border or extension of oil-cloth or similar material, riveted thereto, or fastened together upon a wooden stiffener or platform, substantially as described.

3. The combination and arrangement of the shield A, flange *b*, and oil-cloth B, as described.

In testimony that I claim the foregoing floor-shield for stoves, I have hereunto set my hand this 8th day of February, 1875.

JAMES A. HUNTER.

Witnesses:

G. H. KETTELLE,
JAMES Q. MARION.