

GEORGE D. SANFORD.

Oven-Door for Stoves and Ranges.

No. 128,254.

Patented June 25, 1872.

Fig. I.

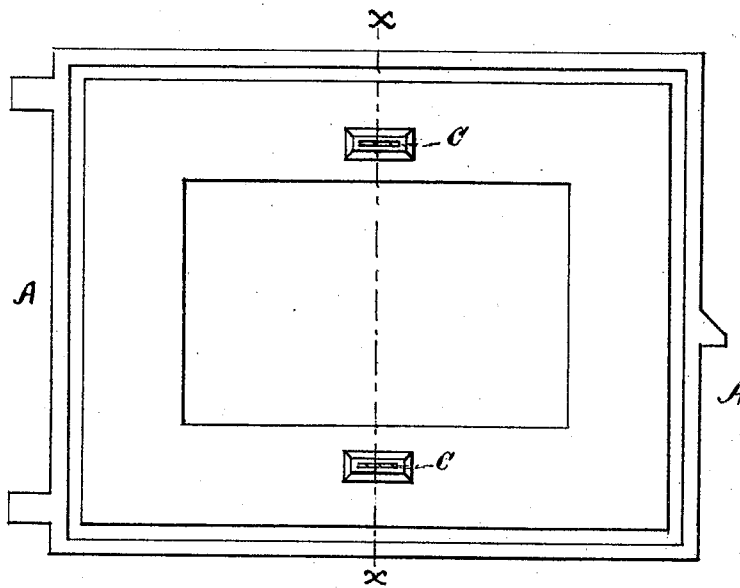


Fig. 2.

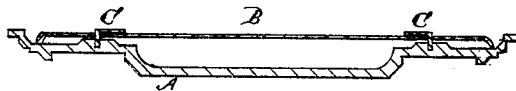
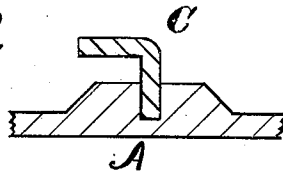


Fig. 3.



Witnesses:

Frederick Simpson

John Birch

Inventor.

Geo. D. Sanford.

UNITED STATES PATENT OFFICE.

GEORGE D. SANFORD, OF PEEKSKILL, NEW YORK.

IMPROVEMENT IN OVEN-DOORS FOR STOVES AND RANGES.

Specification forming part of Letters Patent No. 128,254, dated June 25, 1872.

To all whom it may concern:

Be it known that I, GEORGE D. SANFORD, of Peekskill, in the State of New York, have invented a new and useful Improvement in Oven-Doors for Stoves, Ranges, and other Cooking Apparatus; and hereby declare that the following is a full and complete description of the same.

In the drawing, A is the oven-door; B, the lining; C C, the fastenings which hold the lining to the door.

In order to attach a lining of tin or other substance to the inside of oven-doors, it has heretofore more frequently been the practice to cast or drill holes through the door after it is cast for the purpose of riveting the lining thereto.

My invention consists in providing oven-doors with a more convenient means for attaching a lining of tin or other suitable substance, and without the necessity of drilling or casting holes in such doors, which may be done in the following manner: When the oven door is being cast I place pieces of sheet-iron or wire of suitable size and thickness partially in the sand and partly in the space to be filled with the casting, so that when the casting is run the pieces of sheet-iron or wire become a portion thereof, and will project from the inside surface of the door, in which they are partially embedded, in any desired position, sufficient to pass through the lining of tin or other substance and serve as a hook or fastening. Holes are then made in the lining cor-

responding with the projections upon the oven-door, through which the pieces of sheet-iron or wire pass, and, being bent over or flattened out, fasten the lining securely to the door; or the projecting pieces may be of wire, having a thread on the outer end, and the lining held in place by a screw-nut placed on the end of such wire or fastening.

By this new means of attaching the lining to oven-doors the necessity and expense of drilling or casting holes in the door and riveting are entirely avoided; also, when the lining becomes tarnished it is advisable to renew it, and by my improvement this may be effected with but little trouble or expense, as the pieces of sheet-iron or wire which hold the lining to the door can be readily bent back straight; or, if a screw-nut is used, it may be unscrewed, and the lining removed and replaced by a new one; whereas, if holes were drilled or cast through the door and the lining riveted on, the operation of removing the lining would be attended with the danger of rendering useless the whole door by fracture.

Claim.

The fastenings cast on an oven-door, and securing the lining by passing through holes therein and being bent over thereon, substantially as described.

GEO. D. SANFORD.

Witnesses:

A. B. MALCOMSON, Jr.,
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