(No Model.)

M. G. TOUSLEY.

PORTABLE ELEVATED PLATFORM FOR STOVES, &c.

No. 315,573. Patented Apr. 14, 1885.

Fig. 1.

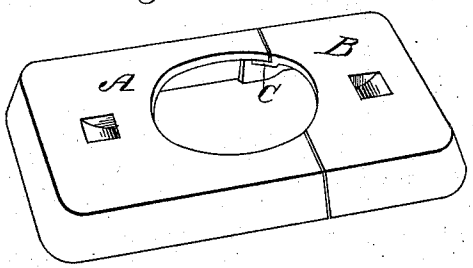


Fig. 2.

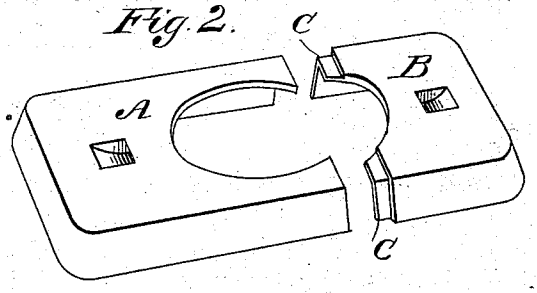


Fig. 3.

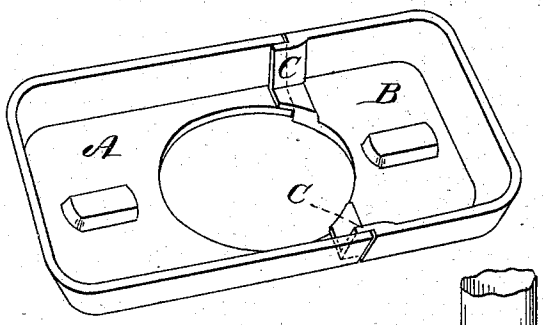
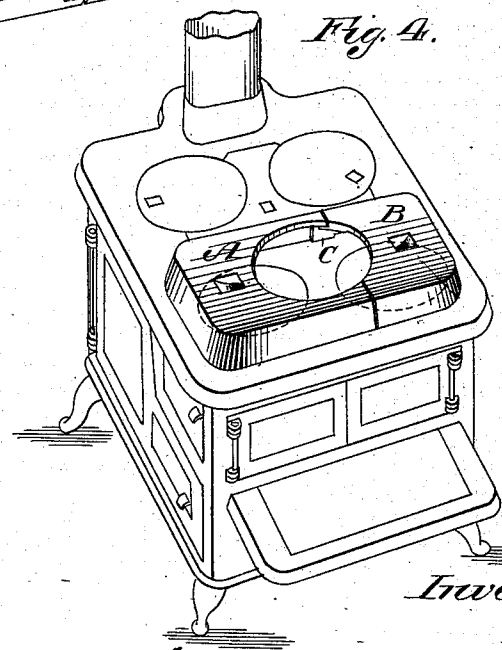


Fig. 4.



Witnesses.
H. F. Parker.
Aug. A. Goubert.

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UNITED STATES PATENT OFFICE.

MIRON GRAHAM TOUSLEY, OF ENGLEWOOD, ILLINOIS, ASSIGNOR TO ARMENA PATRICK, OF SAME PLACE.

PORTABLE ELEVATED PLATFORM FOR STOVES, &c.

SPECIFICATION forming part of Letters Patent No. 315,573, dated April 14, 1885.

Application filed December 23, 1884. (No model.)

To all whom it may concern:

Be it known that I, MIRON GRAHAM TOUSLEY, a citizen of the United States, residing at Englewood, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Portable Elevated Platforms for Use Over the Fire-Boxes of Ordinary Cooking Stoves and Ranges, of which the following is a specification.

My invention relates to an improved construction of elevated platforms for use over the fire-boxes of ordinary cooking stoves and ranges, to increase fire-space and centralize action upon a single kettle-hole at will, better adapted to several chemical, mechanical, and domestic purposes than any form heretofore known or used. Said elevated platform invented by me is in shape similar to the shape of an oblong "dripping-pan" inverted, except that the corners of the platform may be made either rounded or angled, has a single kettle-hole in the center, and can be taken apart at a crosswise slip-joint on one side of the center. It may be of any desired height or size, and cast of iron or any other suitable metal.

In the accompanying drawings, in which similar letters of reference indicate like parts, Figure 1 is a perspective of the device embodying my invention. Fig. 2 is the same with its two parts separated at the slip-joint. Fig. 3 is a bottom view of the platform, showing the under lap that covers its joint. Fig. 4 is a perspective of the platform, showing its position over the fire-box of a stove.

In all the lettered figures of the drawings, A shows the main body of the platform. B shows the smaller end or part that is sometimes to be removed while the other part remains in place. C shows the under lap that passes under the main part and covers the crosswise junction of the two parts when the platform is connected for use on a stove. Both parts may be made with mortises similar to those in ordinary stove-covers into which a handle may be inserted to lift them by.

The operation and application of the device are as follows: When necessary to use the elevated platform all the movable covering over the fire-box of the stove is stripped off and the entire platform is connected and adjusted so as to cover and inclose the open space. Then any retort, crucible, kettle, or other vessel may be placed in its opening over the center of the fire-box. When the fire needs adjusting or replenishing, the short end of the platform may be drawn out from its junction with the other and removed. Then the fire can be manipulated as desired, after which the short end can be replaced. When the platform is no longer needed, the two parts of the platform can be separately removed with an ordinary stove-lid lifter and the usual covering can be replaced on the stove. The separation of the platform into two parts makes it lighter to handle, less liable to break from unequal contraction and expansion, and gives access to the fire without removing the vessel. Its eccentric division permits the smaller part to be removed without disturbing the poise of a centrally-set vessel. Its under lap gives more strength to the joining edges and greater security against the escape of gas and smoke than would a joint halved together in the usual way.

What I claim is—

The removable raised platform to increase the fire-space of cooking stoves and ranges when made with an eccentric division and with its joining edges covered by an underlap, substantially as described.

MIRON GRAHAM TOUSLEY.

Witnesses:
H. F. PARKER,
AUG. A. GOUBERT.