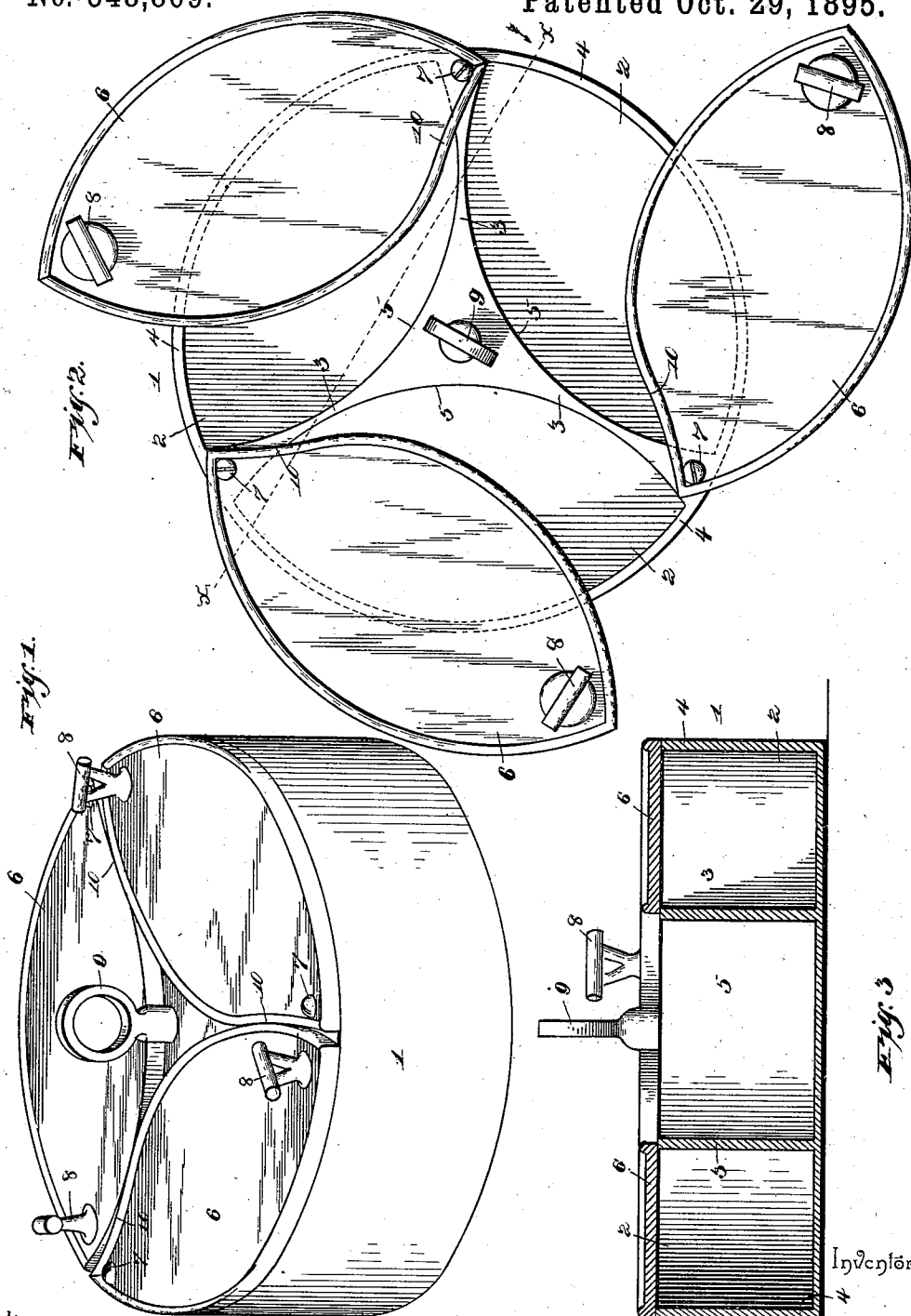


(No Model.)

E. B. EBERSOLE.
SMOOTHING IRON HEATER.

No. 548,869.

Patented Oct. 29, 1895.



Witnesses

Wm. F. Doyle.
D. P. Hathaway.

By *his* Attorneys, *Ephraim B. Ebersole.*

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UNITED STATES PATENT OFFICE.

EPHRAIM B. EBERSOLE, OF NEW CUMBERLAND, PENNSYLVANIA, ASSIGNOR
OF ONE-THIRD TO JOHN KIRK, OF SAME PLACE.

SMOOTHING-IRON HEATER.

SPECIFICATION forming part of Letters Patent No. 548,869, dated October 29, 1895.

Application filed November 22, 1894. Serial No. 529,625. (No model.)

To all whom it may concern:

Be it known that I, EPHRAIM B. EBERSOLE, a citizen of the United States, residing at New Cumberland, in the county of Cumberland and State of Pennsylvania, have invented a new and useful Smoothing-Iron Heater, of which the following is a specification.

This invention relates to smoothing-iron heaters, and it has for its object to provide a smoothing-iron heater simple in construction and designed with special reference to compactness and utility for the purpose of holding a number of smoothing-irons closely grouped together, so as to be easily, quickly, and evenly heated throughout.

To this end, therefore, the main and primary object of the present invention is to provide a new and useful smoothing-iron heater particularly adapted for use on gas or oil stoves and providing convenient means as a holder and heater for smoothing-irons having detachable handles, and also providing a construction wherein each iron can be removed from the heater without disturbing the other irons or allowing cold air to enter the pockets other than the one from which the heated iron is being removed.

With these and other objects in view, which will readily appear as the nature of the invention is better understood, the same consists in the novel construction, combination, and arrangement of parts hereinafter more fully described, illustrated, and claimed.

In the drawings, Figure 1 is a perspective view of a smoothing-iron heater constructed in accordance with this invention, the lids or covers being closed. Fig. 2 is a plan view of the heater with the lids or covers thrown open. Fig. 3 is a transverse sectional view on the line *x x* of Fig. 2.

Referring to the accompanying drawings, 1 designates a circular heater-box formed, preferably, of a single casting and of a size adapting the box especially for use in connection with a burner of a gas or oil stove; but the heater-box of course can be placed on any ordinary heating-stove for the purpose of heating up the irons held therein. The said circular heater-box 1 is provided therein with a circular group of closely-arranged elliptically-shaped iron-pockets 2, that are of the same

configuration as that class of smoothing-irons having opposite pointed ends. The said circularly-grouped elliptically-shaped iron-pockets 2 are necessarily arranged at an acute angle to each other to provide for their close disposition, and the said pockets are separated one from another by the integral radially-disposed partition-walls 3.

The integral partition-walls 3 of the box radiate from the center of the box out to the circular rim 4 thereof, with which the said walls are also integrally joined, and the said partition-walls 3 are of the same width as the depth of the box 1 and are provided with continuously curved or concaved sides 5, which form the inner sides of the pockets 2, while the corresponding directly opposite portion of the circular rim 4 of the box forms the outer sides for the said pockets, that are therefore inclosed between the rim and two adjacent partition-walls, as clearly illustrated in the drawings. The said partition-walls 3 are as thin as practicable, in order to provide for the free diffusion of heat throughout the entire heater-box, so that all of the irons will be heated quickly and uniformly, and arranged to work over the open upper ends of each iron-pocket 2 are the horizontally-swinging lids or covers 6. The horizontally-swinging lids or covers 6 are also elliptically shaped to conform with the shape of the pockets 2 and are pivoted at one point extremity by means of a suitable pivot-screw 7 to the outer ends of the partition-walls 3, or, more properly speaking, between the adjacent pointed ends of the pockets 2, thereby leaving the other ends of the lids or covers 6 free to be swung over and out from the pockets 2 to cover and uncover the same.

The swinging lids or covers 6 are provided at their free ends with the finger-knobs 8 to provide convenient means for manipulating the same, and a ring-screw 9 is secured centrally to the heater-box at the central point of intersection between the walls 3 to provide convenient means for moving the heater-box from place to place.

When all of the lids or covers 6 are closed, the same are disposed at acute angles to each other, and at their inner sides, near their points of pivot, are provided with inwardly-

curved rest portions 10, in which fit the curved sides of the adjacent lids, and by this construction and arrangement the outer circular edges of the closed lids or covers will
 5 come flush with the outer side of the circular rim 1 of the box, thereby providing an arrangement of the lids whereby all of the iron-pockets can be covered at the same time, and also allowing any one iron-pocket to be un-
 10 covered independently of the other.

Changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this in-
 15 vention.

Having thus described the invention, what is claimed, and desired to be secured by Letters Patent, is—

1. In an iron heater, the combination of a
 20 circular box formed of a single casting and provided therein with a circular group of elliptically shaped and angularly disposed iron pockets, and a circular group of elliptically shaped horizontally swinging lids or covers
 25 pivoted on the box and adapted to cover and uncover the pockets, said lids when closed be-

ing adapted to lie within the circle of the box, substantially as set forth.

2. In an iron heater, a circular heater box formed of a single casting and provided there- 30 in with a circular group of elliptically-shaped and angularly disposed iron pockets, and a similar group of elliptically-shaped horizontally swinging lids or covers, pivoted at one pointed end between the adjacent pointed 35 ends of the pockets and provided at their swinging ends with finger knobs, said lids or covers being provided at one side near their pivots with inwardly curved rest portions registering with the curved sides of the adja- 40 cent lids, whereby said lids when closed will be disposed at an angle to each other and will lie within the circle of the box, substantially as set forth.

In testimony that I claim the foregoing as 45 my own I have hereto affixed my signature in the presence of two witnesses.

EPHRAIM B. EBERSOLE.

Witnesses:

E. M. HELM,
 H. C. KLINE.