

J. EGGER & S. S. B. ALEXANDER.

Improvement in Sad-Irons.

No. 132,458.

Patented Oct. 22, 1872.

Fig. 1.

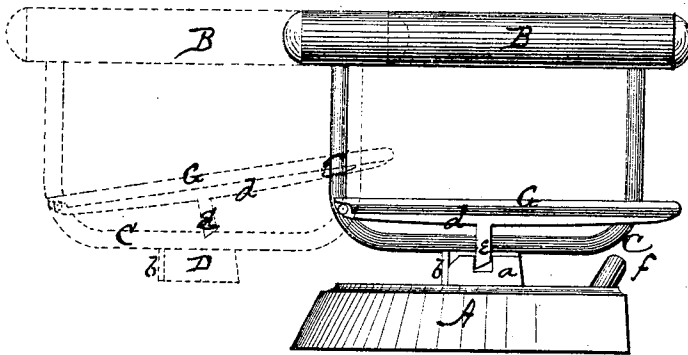
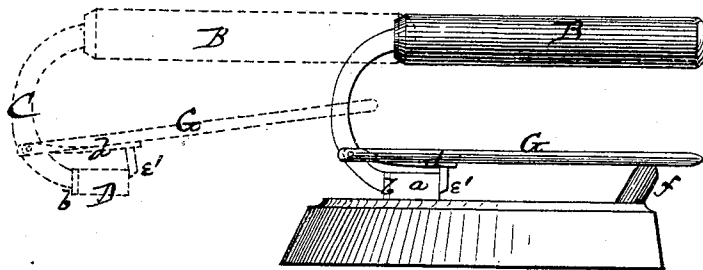


Fig. 2.



WITNESSES

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JOHN EGGER AND SAMUEL S. B. ALEXANDER, OF MONTGOMERY, ALABAMA.

IMPROVEMENT IN SAD-IRONS.

Specification forming part of Letters Patent No. 132,458, dated October 22, 1872.

To all whom it may concern:

Be it known that we, JOHN EGGER and SAMUEL S. B. ALEXANDER, of Montgomery, in the county of Montgomery and State of Alabama, have invented certain new and useful Improvements in Sad-Irons; and we do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon, which form a part of this specification.

The nature of our invention consists in the construction and arrangement of a removable handle and fender for sad-irons, and in its connection with the iron, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which our invention appertains to make and use the same, we will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a side view of our improved sad-iron and handle; and Fig. 2 is a similar view, showing a modification of the same.

A represents the sad-iron, made as usual of cast-iron, in any of the known and usual ways. The iron A is on its upper face provided with two flanges, *a a*, which are inclined inward toward each other, forming, as it were, a dove-tailed socket or box open at the top. B represents the wooden handle, attached to a metal frame, C, at or near both ends. On the under part of this frame is a metal block, D, of such size and shape as to fit in between the flanges *a a*, when inserted between them from the front end. At the front end of the block D is attached a plate projecting on both sides; or lugs, ribs, or any other suitable device may be employed that will form a projection, *b*, on each side at the front end of the block, and thereby form a stop for the backward movement of the same in or between the flanges

a a. At the front part of the frame C near the lower end is hinged a metal bar, *d*, the rear end of which has a hole through it for the passage of the rear part of the frame. From this bar *d* project two lugs, *e e*, downward, which lugs, when the handle is put in its place on the iron, as above described, fall into notches on the flanges *a a*, and thus lock the handle firmly in place. On the bar *d* is secured a wooden piece, G, which forms a fender to protect the hand of the operator from the heat of the iron. Some irons, especially smaller ones, have the handle-frame open at the rear, as shown in Fig. 2. In this case the handle-frame C only extends from the front end of the handle B to the iron, and the block D with its ribs *b* is formed upon or attached to the lower end of the same. The bar *d* in this case need only extend to the rear ends of the flanges *a a*, and instead of the lugs *e e*, have a plate, *e'*, fitting over said rear ends of the flanges. In either case, by raising the rear end of the fender, the handle is unlocked and can readily be removed. *f* is a stop or rest for the fender at the rear end of the iron.

Having thus fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

The combination of the handle B, frame C, block D with ribs *b*, hinged bar *d* with fender G and lugs *e*, or their equivalent, and the inclined flanges *a* on the iron, all substantially as and for the purposes herein set forth.

In testimony that we claim the foregoing as our own we affix our signature in presence of two witnesses.

JOHN EGGER.

SAMUEL S. B. ALEXANDER.

Witnesses:

F. TITCOMB,

G. W. TOWNSEND.