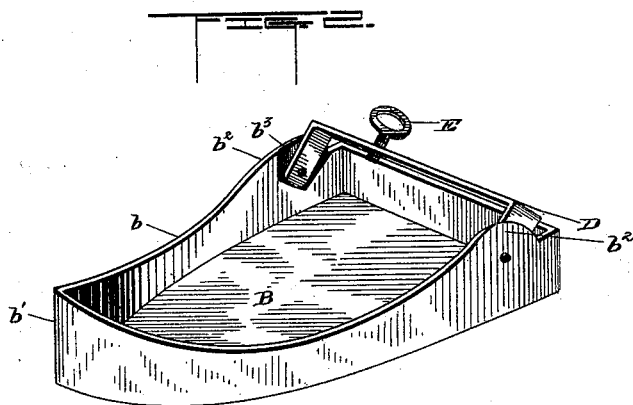
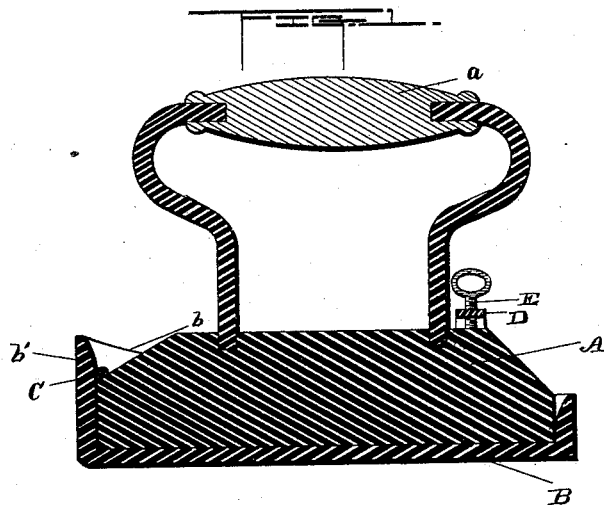


(No Model.)

J. RIST.
SAD IRON.

No. 420,564.

Patented Feb. 4, 1890.



WITNESSES

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UNITED STATES PATENT OFFICE.

JOSEPH RIST, OF KANSAS CITY, MISSOURI.

SAD-IRON.

SPECIFICATION forming part of Letters Patent No. 420,564, dated February 4, 1890.

Application filed October 8, 1889. Serial No. 326,305. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH RIST, a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Sad-Irons; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to an improvement in sad-irons.

The object is to provide a shoe which may be sold as an independent article of manufacture in sizes to suit the purchaser or in connection with sad-irons themselves, which may be readily adjusted to the said iron proper, and which will not be liable to loosen as the iron cools.

With these ends in view my invention consists in certain features of construction and combinations of parts, as will be hereinafter described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a view in vertical longitudinal section of a sad-iron and the shoe adjusted thereon, and Fig. 2 is a detached view of the shoe.

A represents the body portion of an ordinary sad-iron, and *a* its handle secured thereto.

B represents a sad-iron shoe provided with an upwardly-extending flange *b*, the same rising higher at the front, as shown at *b'*, in order to form a smooth polished surface for opening the folds of a garment when ironing and also rising higher in the form of rounded ears *b²* near the heel end to form guards for the attaching device.

The means for attaching the shoe to the iron consists of a small lip or loop C, projecting inwardly from the inward front angle of the shoe and adapted to catch over the front of the sad-iron, and a swinging bail D at the heel end of the shoe provided with a set-screw E. The bail D is pivotally secured at the ends of its arms to the shoe B at the ear portions *b²*, the arms of the bail resting in loose contact with the inner faces of the said ears, the latter being recessed, as shown at *b³*, about the thickness of the arms of the

bail, so that the inner faces of the arms of the bail will swing in a plane about flush with the inner face of the shoe. When the bail is swung downwardly into position to receive the iron, it will rest about flush with the heel-flange of the shoe, and when the iron has been placed within the shoe the bail may be swung up over the heel of the iron and the set-screw E then turned down into engagement with the top of the iron, the same being thereby securely locked in position in the shoe.

It will be observed that the position of the above-described locking device is such that the slight cooling and contraction of the iron will not have the effect of loosening the heel of the shoe therefrom, as where a set-screw is adjusted against the upright wall of the heel of the iron, and the bail D being constructed of metal having more or less spring, it will naturally take up any slight contraction of the iron.

It will also be observed that the above construction requires no special construction of the iron itself, but is adapted to use in connection with irons in common use.

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

1. The combination, with a sad-iron of ordinary construction, of a sad-iron shoe having a retaining projection at its front and a swinging bail at its rear end, the latter adapted to swing over the rear end of the iron and provided with a set-screw for clamping it to the iron, substantially as set forth.

2. The herein-described shoe for sad-irons, having an upwardly-extending flange around its outer edge, a retaining-lip at its front end, a bail pivoted at its rear end and carrying a set-screw, the arms of the bail by which it is pivoted extending within the sides of the upwardly-extending flange, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

JOSEPH RIST.

Witnesses:

BESSIE E. YOUNG,
DIMMICK D. DRAKE.