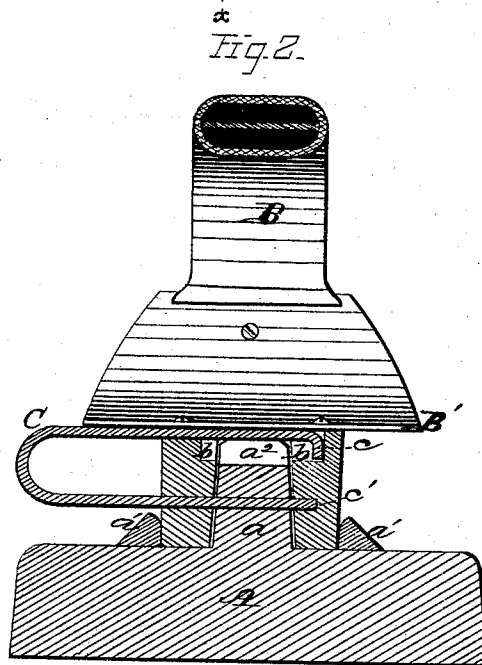
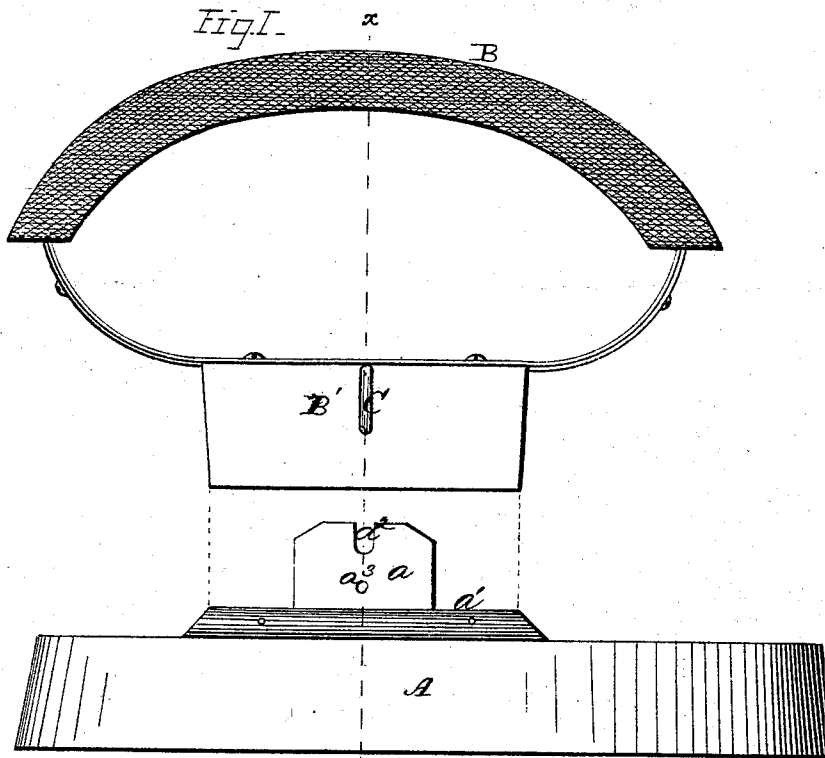


N. H. LINDLEY.
Sad-Irons.

No. 150,967.

Patented May 19, 1874.



WITNESSES=

Geo. E. Hutchinson
E. D. Foster.

INVENTOR=

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UNITED STATES PATENT OFFICE.

NOAH H. LINDLEY, OF BRIDGEPORT, CONNECTICUT.

IMPROVEMENT IN SAD-IRONS.

Specification forming part of Letters Patent No. **150,967**, dated May 19, 1874; application filed November 25, 1873.

To all whom it may concern:

Be it known that I, N. H. LINDLEY, of Bridgeport, in the county of Fairfield and State of Connecticut, have invented a certain new and useful Improvement in Sad-Irons, of which the following is a full, clear, and exact description, reference being had to the annexed drawings, in which—

Figure 1 is a side elevation of my improved sad-iron with its handle detached and elevated above it; and Fig. 2 is a transverse section of the same through the dotted line *xx* of Fig. 1, showing the parts united together, and the means for attaining that end.

Corresponding parts in the two figures are designated by like letters.

This invention relates to a certain improvement in that class of sad-irons which are detachable from their handles; and the nature thereof consists in the means employed in uniting the parts of the sad-iron together, to wit, a metallic bow or U-shaped pin, one arm or branch of which is supplied with a stop or bent at its free end at a right angle to its horizontal portion or body, combined with a cap or hood appended to the handle, and a slotted and perforated post formed upon or otherwise supplied to the iron, substantially as hereinafter more fully set forth.

To enable others skilled in the art to which my invention relates to make and use the same, I will proceed to describe it.

In the annexed drawings, A refers to the base or iron of a sad-iron, upon which is formed or supplied thereto in any other known way a short post or pedestal, *a*, inclosed or surrounded by an angular inclosure or socket, *a'*, formed upon the said base. In the upper edge of this post or pedestal is a transverse slot or passage, *a²*, and directly below the latter is a hole or perforation, *a³*, passing through the said pedestal, the office of which will be reverted to or explained hereinafter. B refers to the handle, suitably wrapped with some non-conducting material, and supplied with a shield or guard, to protect the hand from the ascending heat of the iron while the latter is being used. To the lower side of this handle or ellipse is secured, in any known way, a cap or hood, B', transversely through one of the sides

of which pass the arms or branches of the bow or U-shaped pin C, as clearly shown in Fig. 2. The extremity or terminus of the upper arm or branch of the bow C is bent downward, or at a right angle to its body, as seen at *c*, by which a stop is formed to prevent the withdrawal of the bow from the hood B', while the inner sides of the latter are recessed at *b b* to receive the said stop as the bow C is shifted from one side to the other of the hood, for the purpose of avoiding contact between it (the stop) and the pedestal *a*. The bow C protrudes sufficiently from the hood or cap B' to permit of its being readily and conveniently grasped in thrusting it into and withdrawing it from contact with the pedestal or post *a* of the base in uniting and detaching the handle from the iron. The hole or perforation *a³* in the post or pedestal *a* receives and permits of the passage of the lower arm of the bow C to the opposite side of the hood B, where it (the said arm) enters and rests in a recess therein, as shown at *c'*, Fig. 2, by which the parts of the sad-iron are connected together. The slot or passage *a²* is simply for the purpose of allowing the stop *c* on the upper arm of the bow C to pass the pedestal *a* as the said bow is moved back and forth in attaching and detaching the parts of the sad-iron.

When the handle and iron are conjoined, the cap or hood B' fits down over the pedestal *a* and within the inclosure or socket *a'* upon the base A, which imparts finish and neatness to the appearance of the contrivance.

The bow or pin C not being detachable from the hood B', as above described, and therefore prevented from leaving its place, can be quickly, and without exercising great carefulness, adjusted with reference to the parts of the sad-iron.

I am aware that in sad-irons of this class the parts are rendered detachable one from the other by sockets made in, and a perforated standard formed upon, the base, and pins attached to, and a slot formed in, the handle, above and upon the sides of which slot are formed perforated uprights, through which and the perforated standard of the base passes a pin when the parts are conjoined.

Having thus described my invention, what

I claim, and desire to secure by Letters Patent, is—

The iron A, having the perforated and slotted pedestal *a*, handle B, having the hood or cap B', with recesses *b b*, in combination with the U-shaped pin C, with the stop *c*, substantially as and for the purpose set forth.

In testimony whereof I have hereunto signed my name this 22d day of November, 1873, in presence of two subscribing witnesses.

NOAH H. LINDLEY.

Witnesses:

SAM. B. SUMNER,
GEO. L. WOODS.