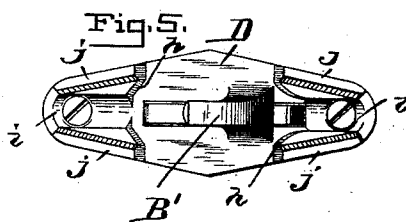
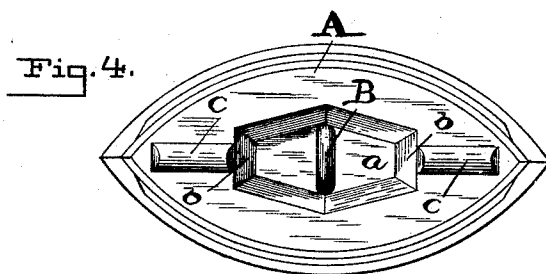
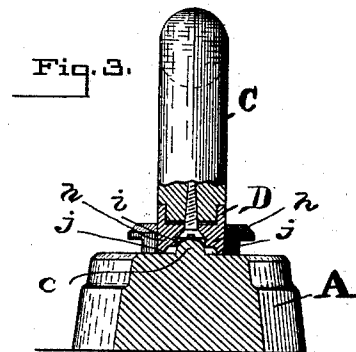
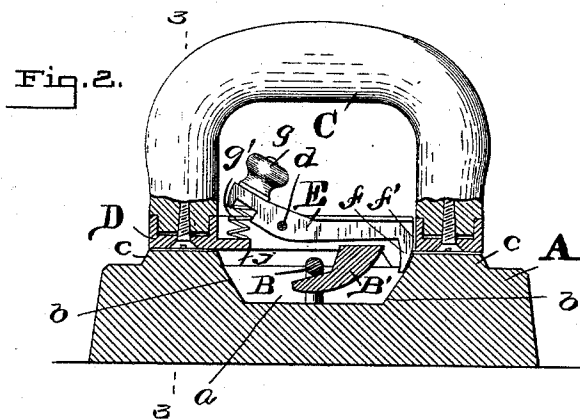
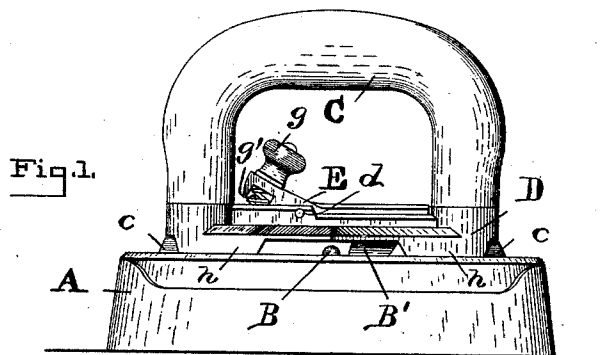


(No Model.)

J. SABOLD.
SAD IRON.

No. 483,769.

Patented Oct. 4, 1892.



WITNESSES: _____

A. O. Babendreier,
H. Parker Davis

INVENTOR: _____

John Sabold,
By Chas B. Mann
att'y

UNITED STATES PATENT OFFICE.

JOHN SABOLD, OF BOYERTOWN, PENNSYLVANIA.

SAD-IRON.

SPECIFICATION forming part of Letters Patent No. 483,769, dated October 4, 1892.

Application filed May 21, 1892. Serial No. 433,897. (No model.)

To all whom it may concern:

Be it known that I, JOHN SABOLD, a citizen of the United States, residing at Boyertown, in the county of Berks and State of Pennsylvania, have invented certain new and useful Improvements in Sad-Irons, of which the following is a specification.

This invention relates to an improved sad-iron of the detachable-handle class, and the object is to provide a simple construction whereby the handle may be very readily applied and held firmly on the iron.

To this end the invention consists in the novel features of construction and combinations of parts hereinafter described.

The invention is illustrated in the accompanying drawings, in which—

Figure 1 shows a side view of the complete iron; Fig. 2, a longitudinal section of the same; Fig. 3, a vertical cross-section on line 3 3 of Fig. 2; Fig. 4, a top view of the iron block, and Fig. 5 a bottom view of the handle-plate.

The letter A designates the iron block, which may be of any desired size or shape and which is provided in its upperside with a longitudinal depression or recess *a*, terminating at each end in an inclined wall *b*. A bar B, bent in the form of a staple, is fastened crosswise in the iron block at the middle of the recess, or the said bar may be straight and extend across the recess at the middle of the same. An elongated lug *c* is formed on the top of the iron block at each end of the recess *a*, and its inner face is in approximately the plane of the inclined end wall *b*.

The letter C designates a wooden handle, which has a plate D secured across its ends. This plate has an inclined hook B' formed on its under side. A lever E is pivoted at *d* to the plate D and occupies a longitudinal slot in the latter. This lever has a downward-pointing prong *f* at one end, which projects through the plate and has a curved outer face or edge *f'*, eccentric with respect to the pivot *d*. The position of the prong is behind the inclined hook. At the opposite end of the lever is a knob *g* and a spiral spring *g'* to hold the prong *f* pushed downward. Flanges *h* are on the bottom of the plate D, two being at each end, and each pair forming between them a groove *i* of a width to snugly receive one of the lugs *c*. Back of this groove, on each

side, the flanges form feet *j*, which flare outward as they extend inward from the end of the plate. The feet project beyond the faces of the flanges proper, as shown.

In applying the handle the feet *j* at one end are placed over one of the lugs *c* on the iron and those at the opposite end over the other lug *c*, while the hook B' is over the recess *a*. In this position of the parts the prong *f* has its point resting on one of the lugs *c*. Now upon pressing down the handle the said prong *f* moves upward and the hook B' enters the recess *a*. The handle is now shoved forward and the said hook takes under the bar B, and, being inclined, draws the handle tightly down when the latter is moved forward. The prong *f* springs down into the recess, and its eccentric face *f'* bears against the end wall *b* of said recess, and thus locks the handle to the iron-block. When the handle is thus applied, the lugs *c* engage in the grooves *i*, formed by the flanges *h*, and the feet *j* bear on the top surface of the iron and are held tightly against the same. The said lugs thus engaging the grooves hold the handle from any lateral movement, and the feet *j*, resting on the top surface of the iron block, prevent tilting. Thus the handle is held rigidly. It will be seen that the inclined hook acts to draw the feet *j* down tightly upon the iron block, and the eccentric face *f'* of the prong *f* acts to shove said hook under the staple B. Thus these parts coact to produce the desired result. The handle is perfectly reversible, as in applying the handle it may be held with its forward end in either direction. To release the handle, it is simply necessary to press down on the knob *g* and pull the handle backward. The flare of the feet *j* facilitates the application of the handle, as they serve to guide the flanges *h* to the lugs *c*. Besides, this said feet, being thus flared, give a greater width of base for the handle to stand on and hence serve better to steady it. The lugs *c* and the grooves *i* are preferably rounded, and this construction will also facilitate the fitting on of the handle, as the handle will be more easily guided onto the lugs. The wooden handle, as here shown, is of a shape to conform to the hand. It has vertical straight posts and its top line is in the arc of a circle and then rounds off at each

end to the posts, swelling outward slightly. The under top line is straight, but rounds off to meet the vertical posts. This shape will be found very comfortable to the hand.

5 It will be seen that my arrangement is simple and efficient and obviates a separate top plate secured on the iron block.

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

1. The combination of the iron block having a recess in its upper side and a bar thereacross, and also lugs on its upper surface at opposite ends of the recess, a handle having
15 a plate with a hook on the under side to take under the cross-bar of the iron, grooves to fit over the lugs on the iron, and feet on opposite sides of the grooves to rest on the top surface of the iron, and a spring-catch to hold the
20 hook in engagement with the cross-bar.

2. The combination of the iron block having a recess in its upper side and a bar thereacross, and also lugs on its upper surface at opposite ends of the recess, a handle having
25 a plate with an inclined hook on the under side to take under the cross-bar of the iron, grooves to fit over the lugs on the iron, and feet on opposite sides of the grooves to rest on the top surface of the iron, and a lever
30 pivoted to the handle-plate and having a prong with an eccentric face to bear against the end wall of the recess in the iron, in the manner and for the purpose described.

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

JOHN SABOLD.

Witnesses:

I. F. YOST,

L. P. G. FEGLY.