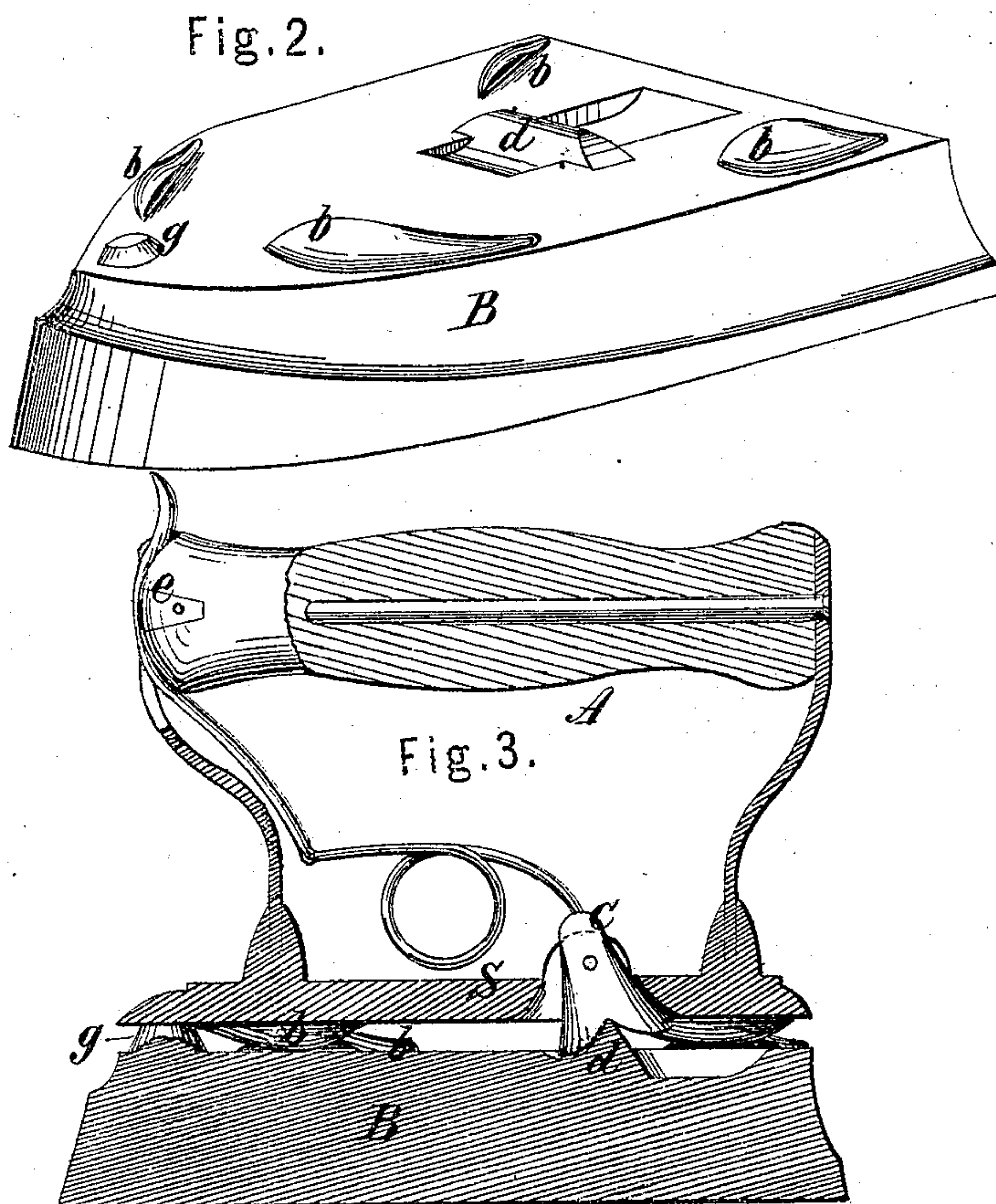
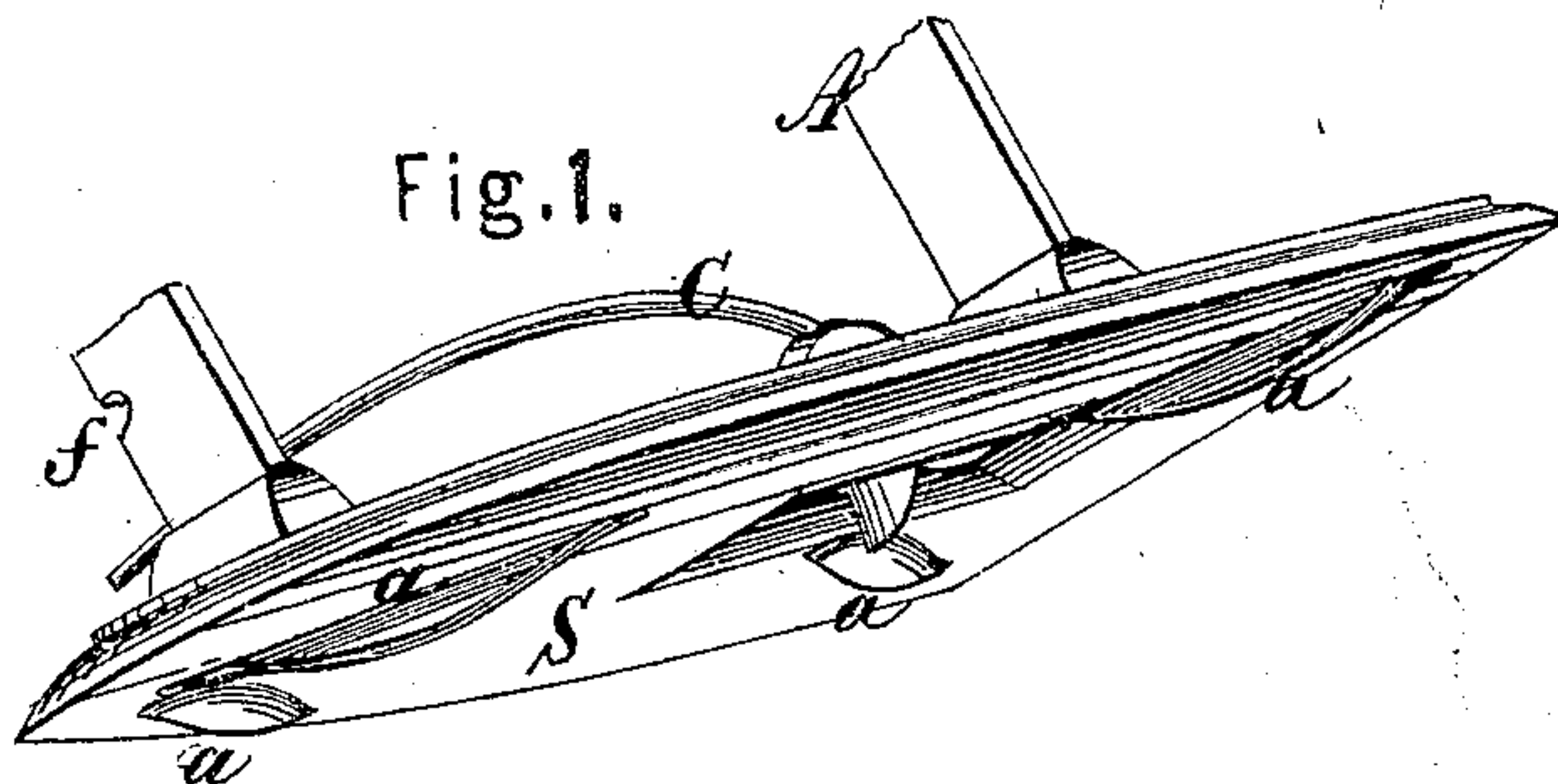


G. W. C. LOVELL.

Sad-Irons.

No. 136,526.

Patented March 4, 1873.



Witnesses.

Gas. L. Ewin
Walter Allen

Inventor.

Geo. W. C. Lovell
By Knights Bros
Atty.

UNITED STATES PATENT OFFICE.

GEORGE W. C. LOVELL, OF CLARKSVILLE, TENNESSEE.

IMPROVEMENT IN SAD-IRONS.

Specification forming part of Letters Patent No. 136,526, dated March 4, 1873.

To all whom it may concern:

Be it known that I, GEORGE W. C. LOVELL, of Clarksville, in the county of Montgomery and State of Tennessee, have invented an Improvement in Sad-Irons, of which the following is a specification:

Nature and Objects of the Invention.

My invention relates to a class of irons made with detachable handles, so that a single handle can be used with two or any necessary number of iron bodies or bases, the handle being transferred from one to another as a cool one is returned to the stove for heating, and a hot one taken therefrom for use. My improvement consists in the provision of oblique holding-lugs and a cam-lever, the latter being pivoted to the sole or bottom plate of the handle, and having a bearing against a projection on the base, so that when it is pressed forward it will cause the lugs to interlock in such a manner as to prevent the separation of the base and handle.

The cam-lever is held in its forward position by a detaining catch or notch, which prevents the possibility of the accidental separation of the parts.

Description of the Drawing.

Figure 1 is a perspective view of the lower part of the handle. Fig. 2 is a perspective view of the iron body or base. Fig. 3 is a longitudinal sectional view of the complete iron, showing the cam-lever and a part of the handle in elevation.

General Description.

A is the detachable handle, and B the base or body of the iron. The handle is provided with the customary sole-plate S to fit over the base or body B. *a a* are oblique holding-lugs on the bottom of the sole-plate S, which are adapted to corresponding lugs *b b* on the top of the base B, both being so formed and arranged that, when the plate S is placed on the base a short distance back and is slipped forward into its proper position, the lugs will interlock. C is a cam-lever, pivoted within an aperture in the plate S, and formed with an

elastic arm. The head of this lever is adapted to engage with a protuberance, *d*, on the top of the base B, and, by bearing against the said protuberance, to force and hold the plate S in its fixed position. *e*, Fig. 3, is a catch or notch on the forward end of the handle to retain the lever-arm in its forward position when the parts are interlocked.

If preferred, a notch, *f*, Fig. 1, in the forward shank of the handle may be substituted for the catch *e*, the lever-arm being formed to project in a horizontal instead of a vertical position.

A knob, *g*, on the base B, affords a bearing for the point of the plate S.

Operation.

When the handle is detached from the iron body or base the arm of the cam-lever is held upward and backward so as to place the cam or lower part forward under the plate S. The handle or removable part may then be placed down on the iron body, or freely removed therefrom. If the parts are to be locked together the arm of the lever is thrown forward and downward, and held by the catch *e* or notch *f*. This action presses and holds the lugs *a* beneath the lugs *b* with great force, rendering the accidental separation of the parts of the iron impossible.

The cam-lever is arranged to be readily locked or unlocked by the thumb while grasping the handle; or it may be operated by the left hand, if preferred.

It does not require special adjustment in placing the parts together, but finds its own position on the bearing when the handle is placed vertically down on the base.

Claim.

A sad-iron constructed substantially as described, with holding-lugs *a* and *b* on the handle-plate and base, respectively, and the locking device, consisting of a cam-lever, C, held by a suitable catch to prevent their accidental separation.

G. W. C. LOVELL.

Witnesses:

OCTAVIUS KNIGHT,
WALTER ALLEN.