

*F. J. Schellman,
Sad-Iron Handle.*

N^o 66,175.

Patented June 25, 1867.

Fig 1.

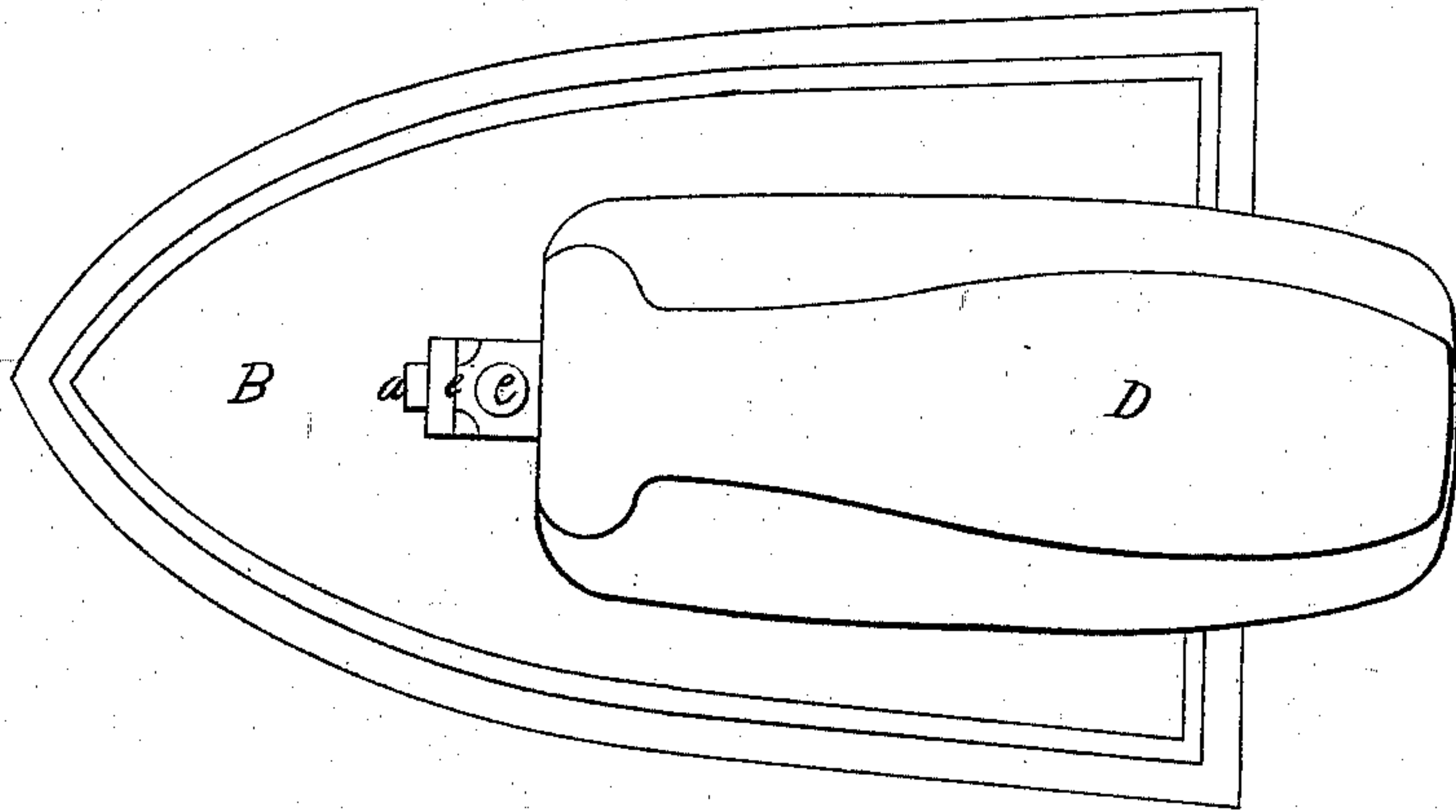


Fig 2.

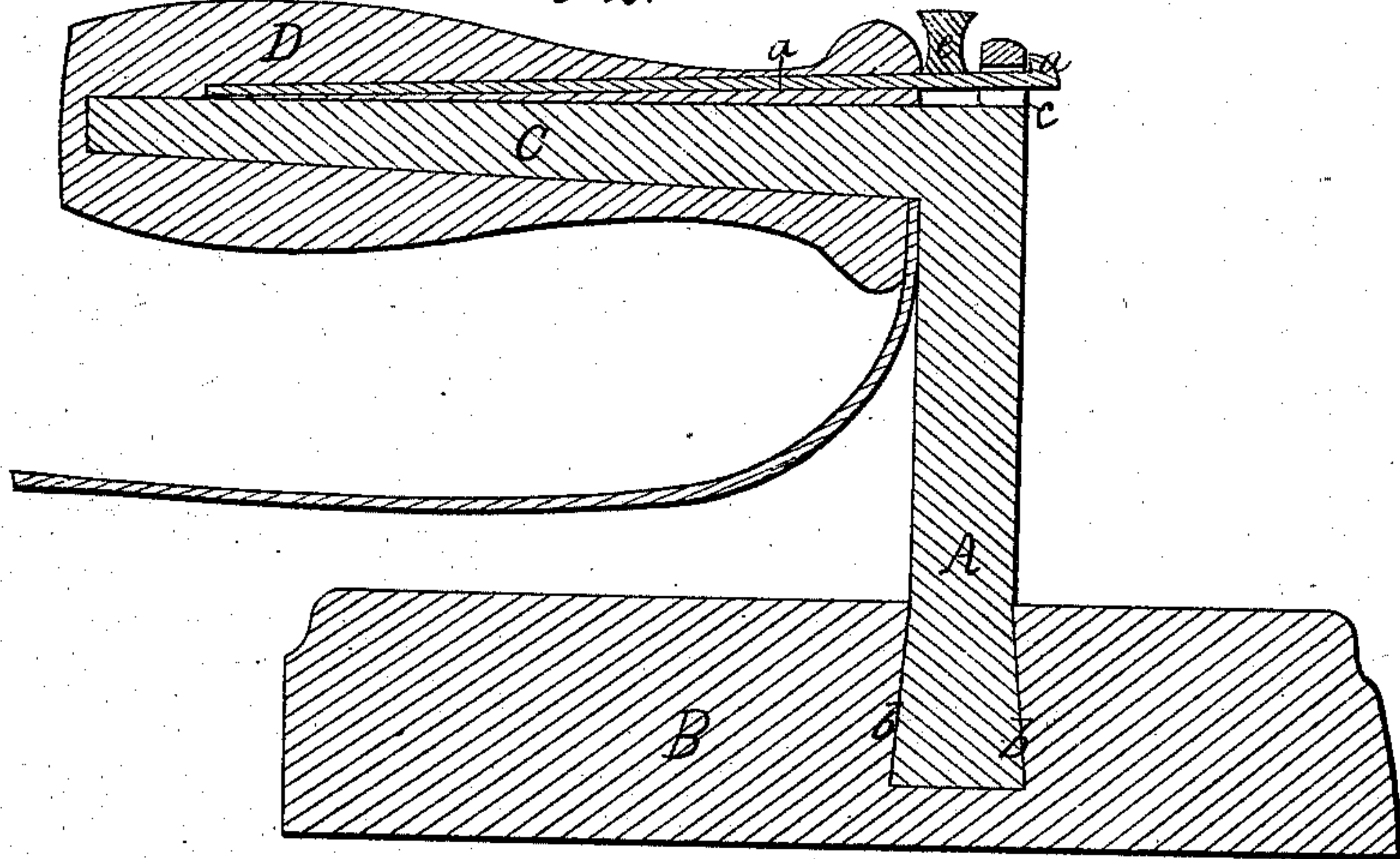
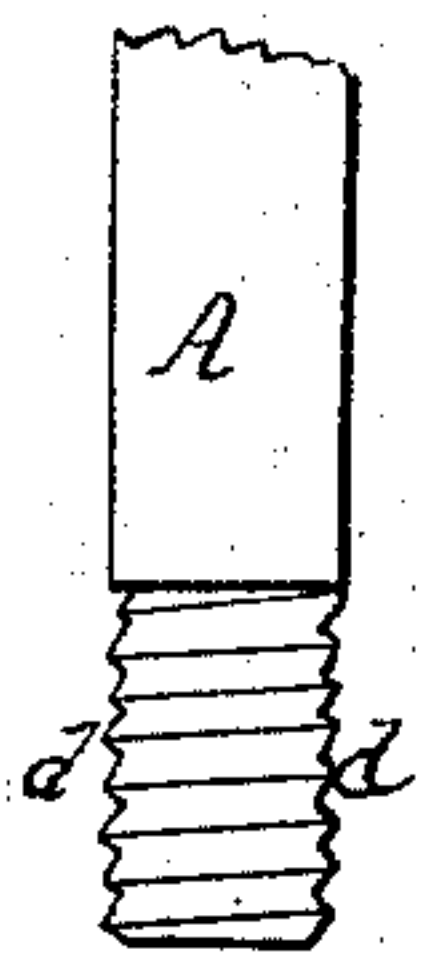


Fig 3.



Witnesses.

*Andrew Carson,
Theodore Thurber,*

Inventor.

*Francis J. Schellman
Assignor to
Theodore Thurber & himself
By his Attorneys
J. B. Thompson & Co.*

United States Patent Office.

FRANCIS JOSEPH SCHELLMANN, OF SYRACUSE, NEW YORK, ASSIGNOR TO
HIMSELF AND THEODORE THURBER, OF AUBURN, NEW YORK.

Letters Patent No. 66,175, dated June 25, 1867.

IMPROVED SAD-IRON HANDLE.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, FRANCIS J. SCHELLMANN, of Syracuse, in the county of Onondaga, in the State of New York, have invented certain new and useful improvements in the construction of Handles for Sad-Irons, and the mode of attaching and detaching the holder; and the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents a plan or top view of a flat-iron with my improved handle attached.

Figure 2 shows a section through a side elevation of the same.

Figure 3 shows a broken-off section of the handle-shank, fitted so as to be screwed into any flat or sad-iron whose handle has been broken off.

The object of my invention is to heat flat, or what are usually called sad-irons, for use, without heating the handle, thereby dispensing with a mat or cloth-holder, and also shielding the hand and knuckles from the heat radiating from the iron.

My invention consists in a metal shank so shaped as to be cast firmly into the iron, or it may be fitted so as to be screwed in after the sad-iron is cast and ground, by drilling and tapping a hole in the top, the metal shank being turned at a right angle and tapered, so as to slip on a turned wood handle, which is provided with an insulated shield between it and the sad-iron; and also a spring-catch to hold the handle firmly in its place while being used.

That others may be enabled to make and use my invention, I will describe it more fully, referring to the drawings and the letters thereon.

The lower end of the shank A may be enlarged, so as to form a dove-tail, *b b*, when the sad or flat-iron B is cast on to it, thus securing it firmly in the iron, as shown in fig. 1. A screw-thread, *d d*, may be made in the end of the shank A, for the purpose of rehandling good-faced flat-irons or putting them into new castings, as seen in fig. 3; the shank A being constructed so as to form a right angle, C, the square being so tapered as to admit the wood handle D to slip on and off easily, and yet feel firm when on and held by the spring-catch *a*, which is inserted and secured in the turned wood handle D, the end of the spring *a* extending out a sufficient distance to let the catch pass through the opening *o* in the top of the shank A, and also to be operated by the knob *e* on the spring-catch *a*. To the end of the wood handle D, to protect the hand and knuckle from the heat radiated from the iron, I secure a shield, E, which may be made of burnished brass or other metal, to repel the heat, or made and lined with any non-conducting material.

The advantages of my invention are easily understood and duly appreciated, the parts above described being made to gauges, so that each handle will fit and fasten, by the catch, to any of the shanks, thereby making a universal flat-iron holder, which is much easier for the hand and no liability of getting burned by the irons.

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

1. The shank A, as constructed, in combination with the spring-catch *a*, to hold the handle D on, and allow it to be easily removed for heating, substantially as and for the purposes herein set forth.
2. I claim the turned handle D, spring-catch *a*, shield E, and shank C, as herein described, in combination with a flat or sad-iron, substantially as set forth.

In testimony whereof I have hereunto subscribed my name this eighth day of March, 1867.

FRANCIS JOSEPH SCHELLMANN. [L. S.]

Witnesses:

JOHN DEMONG,
GEORGE POTTER.