

J. M. McMASTER.  
Sod-Irons.

No. 160,931.

Patented March 16, 1875.

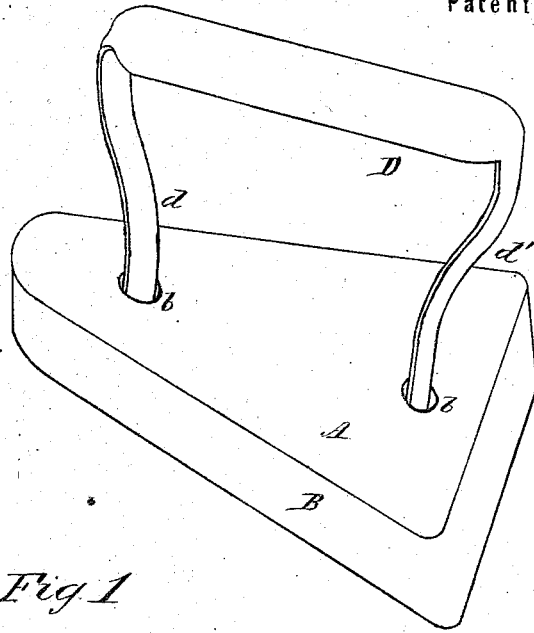


Fig 1

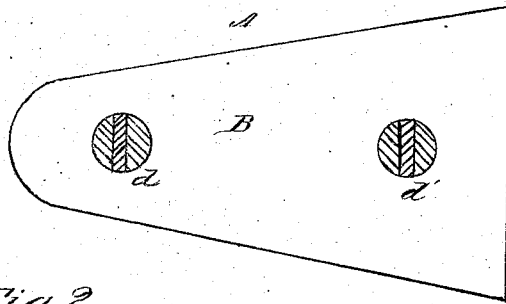


Fig 2.

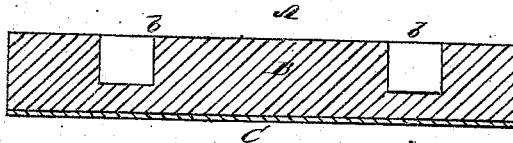


Fig 3

Witnesses  
S. J. Van Hook  
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# UNITED STATES PATENT OFFICE

JOSEPH M. McMASTER, OF ROCHESTER, NEW YORK.

## IMPROVEMENT IN SAD-IRONS.

Specification forming part of Letters Patent No. **160,931**, dated March 16, 1875; application filed November 28, 1874.

*To all whom it may concern:*

Be it known that I, JOSEPH M. McMASTER, of Rochester, in the county of Monroe and State of New York, 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 pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification, in which—

Figure 1 is a perspective view, Fig. 2 a plan view, and Fig. 3 a vertical longitudinal section, of my invention.

This invention has relation to an improvement in sad-irons made of potter's clay or other equivalent material, adapted to hold a vitrified surface. Said improvement consists in providing the sad-iron with holes or recesses for the purposes of allowing the moisture to escape from the clay while baking, and the reception of a suitable handle.

In the accompanying drawing, A represents an iron made according to my improvements. B is the body made of potter's clay, though porcelain or any equivalent material to which a vitrified surface can be applied may be substituted therefor. C represents a glazed surface applied to the body B, this surface being put on in the manner known to those skilled in pottery-making as best calculated to resist injury from dry heat of high temperature. D is the handle, its posts *d d'* being inverted in openings *b b* in the body B in such manner that they will retain their position there-

in while the iron is in use, but can be readily withdrawn when said body is put on the fire to be heated.

An iron thus constructed will only weigh about half as much as one made of metal, and will therefore be more readily handled. It will cost much less than a metallic iron, and will retain heat much longer than the latter. The glazed surface will be much smoother than iron can profitably be made; and not being subject to corrosion will retain its smoothness for an almost indefinite period.

I am aware that a sad-iron made of clay and having a polished surface is not new, broadly. I am also aware that a sad-iron having a detachable handle has been made of soap-stone. The peculiar feature of my invention is, however, in the provision of the recesses *b*, whereby the iron is ventilated as well as made capable of receiving a handle.

What I claim as my invention is—

As a new article of manufacture A sad-iron made of clay, with glazed surface and having the openings or recesses *b b*, for the purposes of allowing the moisture to escape from the clay while baking, and the reception of a handle, substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand this 25th day of November, 1874.

JOSEPH M. McMASTER.

Witnesses:

JNO. A. BELL,  
JAS. B. CONNOLLY.