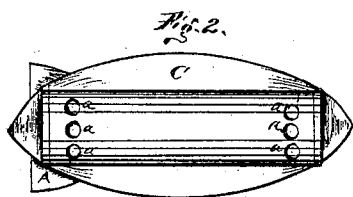
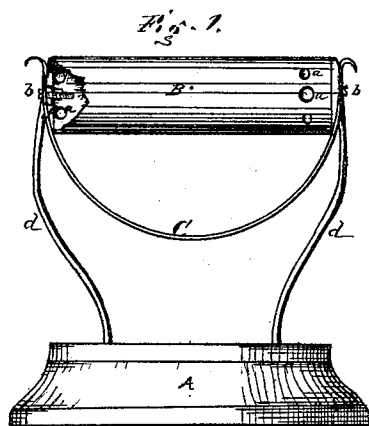


J. Gleason,

Sadd Iron.

No. 105192.

Patented July 12, 1870.



WITNESSES

*J. M. [Signature]*  
*H. L. Wattenberg*

INVENTOR.

*Joel Gleason*  
*J. M. [Signature]*  
*att'y*

# United States Patent Office.

JOEL GLEASON, OF WHITESTONE, NEW YORK.

Letters Patent No. 105,192, dated July 12, 1870.

## 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, JOEL GLEASON, of Whitestone, in the county of Queens and State of New York, have invented a new and Improved Sad-iron Handle; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The object of this invention is to construct the handles or grasps of sad-irons in such manner as will obviate the necessity of using "holders" of any kind to protect the hand from the heated handle or grasp of sad-irons, as is the case with sad-irons as at present made; and to effect this desirable result I form the grasp of the sad-iron of a hollow cylinder, of thin sheet metal, so that but very little heat can be absorbed or retained, and, by means of suitable perforations made in the cylindric grasp, the cool external air is admitted to the interior of the grasp, and thus renders its overheating impossible. In addition to the grasp thus constructed, I place below the under side of the grasp, and the upper surface of the iron, a semicircular shield, which prevents the grasp from absorbing heat by radiation from the iron.

In the accompanying drawings—

Figure 1 represents a side view of my invention, and

Figure 2, a plan or top view of the same.

Similar letters of reference indicate corresponding parts in the several drawings.

A represents an ordinary sad-iron, into which are fitted, by casting or otherwise, the wrought iron uprights *d d*, curved to a convenient shape.

Between the upper ends of the uprights *d d*, and

in the direction of the length of the iron, is fitted the handle or grasp B.

This handle or grasp is constructed of thin sheet metal, and is formed in the shape of a hollow cylinder with closed ends, and it is affixed to the uprights *d d* by screws *b b*, which pass through the ends of the uprights and ends of the cylinder into the nuts *f f*, into which they are firmly screwed.

It will be observed that there is no metallic connection passing through the cylinder and between the uprights to retain heat and convey it to the grasp.

A series of perforations, *a a a*, are formed in the grasp, which will enable the cool external air to freely enter therein, and keep the grasp or handle cool.

In addition to the grasp or handle above described I interpose a shield, C, between the under side of the grasp and the iron, to further protect the handle from becoming heated, and at the same time afford a protection to the hand of the person using the iron.

This shield C is formed of any suitable thin sheet metal, cut elliptical in shape, and curved upward, as is clearly shown in fig. 1, its greatest width being equal in width to the widest part of the sad-iron, and it is secured to the uprights *d d* by the screws *b b*, which secure at the same time the ends of the uprights, shield, and grasp, together.

Having thus described my invention.

What I claim as new, and desire to secure by Letters Patent, is.

A ventilated grasp or handle, B, for sad-irons, in combination with a shield or protector, C, as and for the purposes hereinbefore described.

Witnesses: JOEL GLEASON.

H. L. WATTENBERG,

G. W. PLYMPTON.