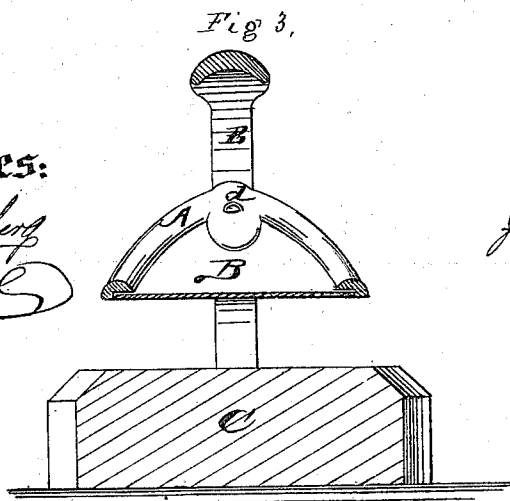
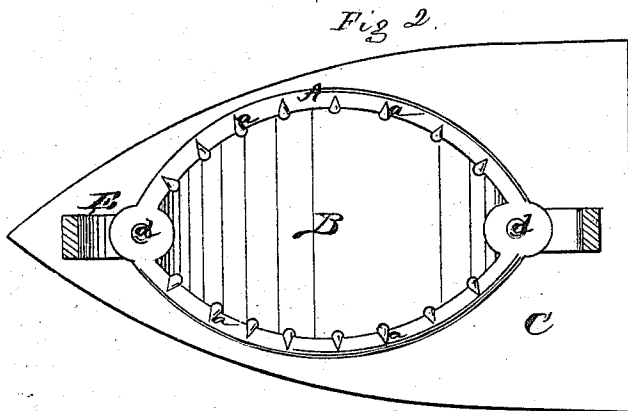
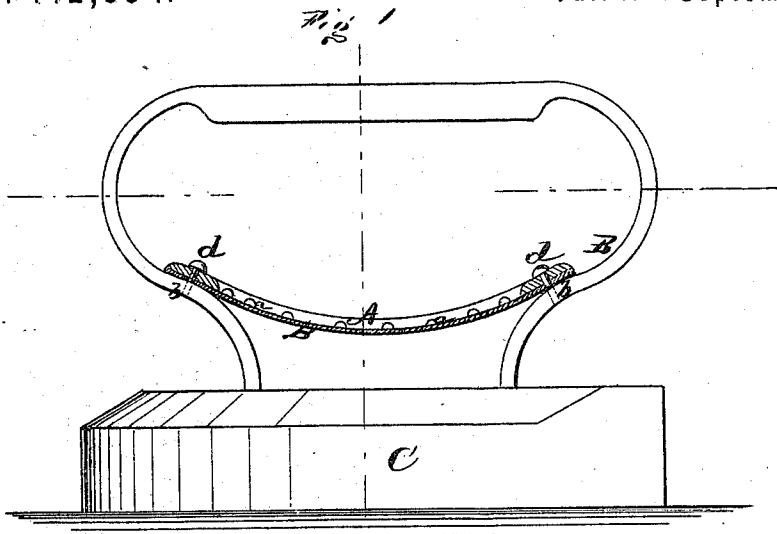


J. GLEASON.
Shields for Sad-Irons.

No. 142,334.

Patented September 2, 1873.



Witnesses:

H. C. Matzenberg
W. Loell

Inventor:

Joel Gleason.
per C. M. Chapman.
Atty.

UNITED STATES PATENT OFFICE.

JOEL GLEASON, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN SHIELDS FOR SAD-IRONS.

Specification forming part of Letters Patent No. **142,334**, dated September 2, 1873; application filed February 4, 1873.

To all whom it may concern:

Be it known that I, JOEL GLEASON, of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Shields for Sad-Irons; and that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

This invention is in the nature of an improvement in shields for sad-irons; and the invention consists in constructing said shield of an outer frame, within which fits the plate or shield proper; and also in constructing said shield so that it may be applied with but little trouble to irons of any description.

In the accompanying sheet of drawings, Figure 1 represents a side view of a sad-iron with shield in section; Fig. 2, a top view; and Fig. 3, a transverse section of same.

Similar letters of reference indicate like parts in the several figures.

A represents a frame, which may be constructed of any desired material, and of any desired shape or size; but the shape which I prefer is that of an ellipse, as shown in the drawings. This frame, in whatever manner it is constructed, should be sufficiently strong and rigid to firmly hold the plate or shield proper within it, and it should be slightly curved and have a flange or claws, *a*, extending around it. Through the ends of the frame A are made one or more perforations, *b*. From the under side of the frame is inserted the plate B, which may be of metal or other material, the claws *a*, or a flange, or their equivalent, preventing the plate from being forced upward through the frame. The plate being thus within the frame the two are held in position, and secured to the frame E of the iron

C by rivets or pins *d* passing through the perforations *b* and through corresponding perforations in the plate B and the frame E which supports the handle of the iron.

Among other advantages to be derived from a shield constructed as above described is that the shield is thereby made stiffer and stronger, and at the same time it may be readily attached to any iron desired, whether specially constructed therefor or not, and also by means of the frame the shield proper may be constructed of felt or other non-conducting material, it being simply necessary to cut the non-conducting substance of a size to fit within the frame, and then keep it in position within the frame by the plate B, which not only answers as a backing in that case, but also tends to preserve the non-conducting substance from being injured by the heat; besides, it admits of inserting within the frame, in the manner above described, any ornamental fabric for the upper surface of the shield, adding thereby to its ornamental appearance as well as usefulness.

It is obvious that the frame A may be made from cast metal or from sheet metal, and I therefore do not desire to limit myself to any particular construction or size of frame; but

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

A shield for sad-irons, having an open outer frame surrounding and receiving the body of the shield, in the manner described, and adapted for attachment to the standards supporting the handle of an ordinary or other sad-iron, substantially as herein set forth and shown.

JOEL GLEASON.

Witnesses:

H. L. WATTENBERG,
G. M. PLYMPTON.