

M. F. Potts,

Stad Iron.

No. 10,350.

Patented May 24, 1870.

Fig. 1

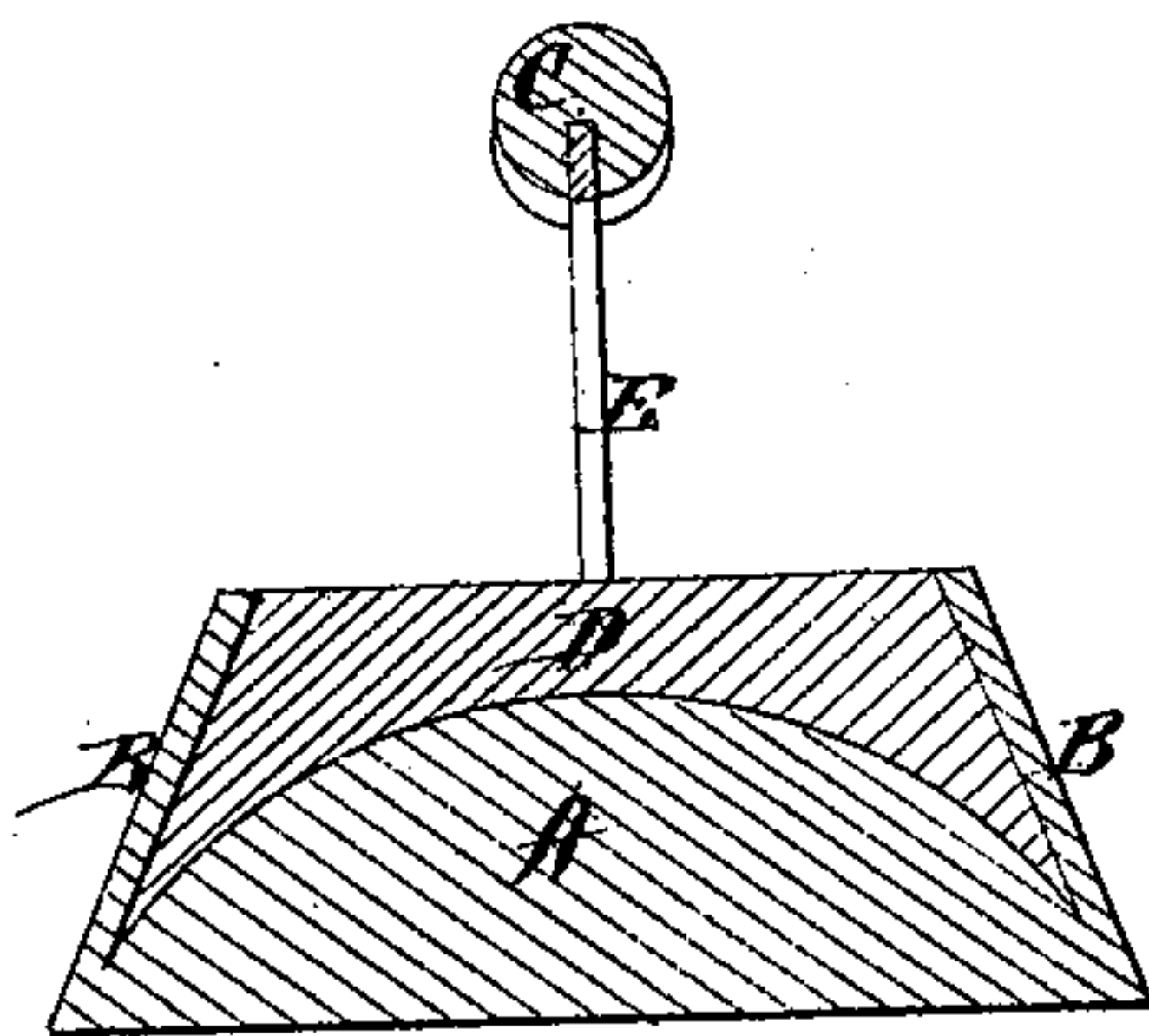
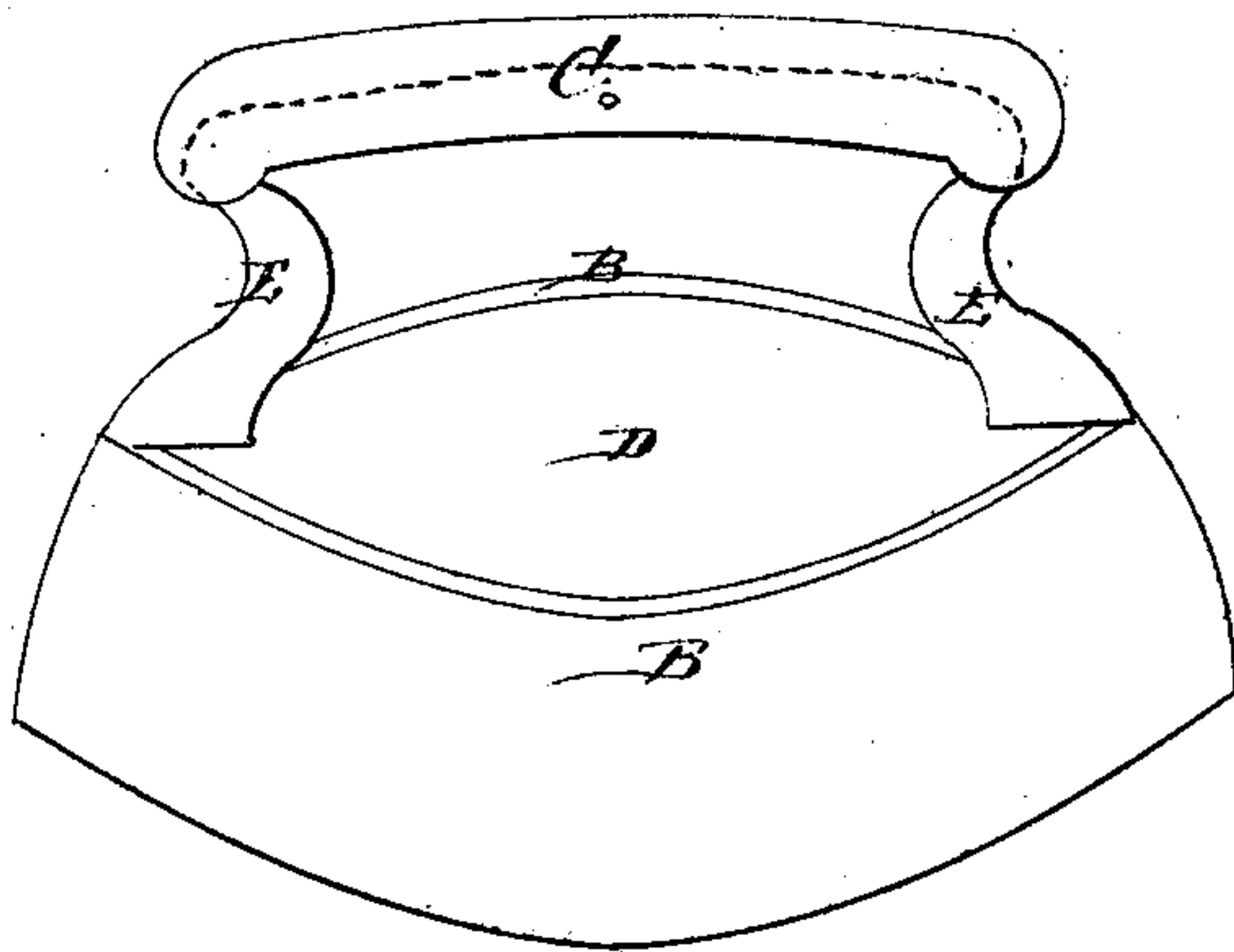


Fig. 2



Witnesses

C. S. Covert.  
H. C. Hart

Inventor

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per  
Alexander Mason  
Attys.

# UNITED STATES PATENT OFFICE.

MARY F. POTTS, OF OTTUMWA, IOWA.

## IMPROVED SAD-IRON.

Specification forming part of Letters Patent No. **103,501**, dated May 24, 1870.

*To all whom it may concern:*

Be it known that I, MARY F. POTTS, of Ottumwa, in the county of Wapello, and in the State of Iowa, have invented certain new and useful Improvements in Sad-Irons; and do hereby declare that the following is a full, clear, 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 nature of my invention consists in the construction and arrangement of a sad-iron, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a transverse vertical section, and Fig. 2 is a perspective view, of my sad-iron.

The body A of my sad-iron is made with two pointed ends, as shown in Fig. 2, instead of one, as is now usually the case.

The ends of an iron cool first, and, having two ends, the iron can be used longer without reheating.

The body of the iron is flat on the bottom and rounded on the top and sides, as shown in Fig. 1. To the body A are added sloping side pieces, B B, cast to the body and passing around it, inclosing it and forming a space around it of a beveled or dovetailed form, larger at the bottom than at the top. This space around and on top of the body A is filled with a material, D, which is a non-conductor of heat, and which will withstand the

action of fire, such as plaster-of-paris, cement, clay, &c. This non-conducting material, enveloping the body A on top and sides, prevents radiation of heat from every part of said iron except the bottom or face, where the heat is needed, thereby enabling a person to iron more articles, and the sad-iron will retain its heat longer than one that is unprotected; also preventing the heat from burning the hand or ascending from top and sides of sad-iron into the face of the user, making ironing much more pleasant in summer season.

C represents the wooden handle, having its ends sloped or turned down over and partially covering the upper portion of the uprights E E of the iron handle, and entirely covering the cross-piece or upper portion of said iron handle, which is shown by dotted lines in Fig. 2, thereby preventing all possibility of burning the hand by contact with the heated iron of handle.

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

The oval-shaped sad-iron herein described, formed with the convex metal interior A, inclined sides B B, non-conductor D, flush with the sides, uprights E E, and wood handle C, all substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 24th day of March, 1870.

MARY F. POTTS.

Witnesses:

C. H. POTTS,  
A. G. REDENBAUGH.