

No. 791,881.

PATENTED JUNE 6, 1905.

J. COOK.
SAD IRON.

APPLICATION FILED SEPT. 14, 1904.

Fig. 1.

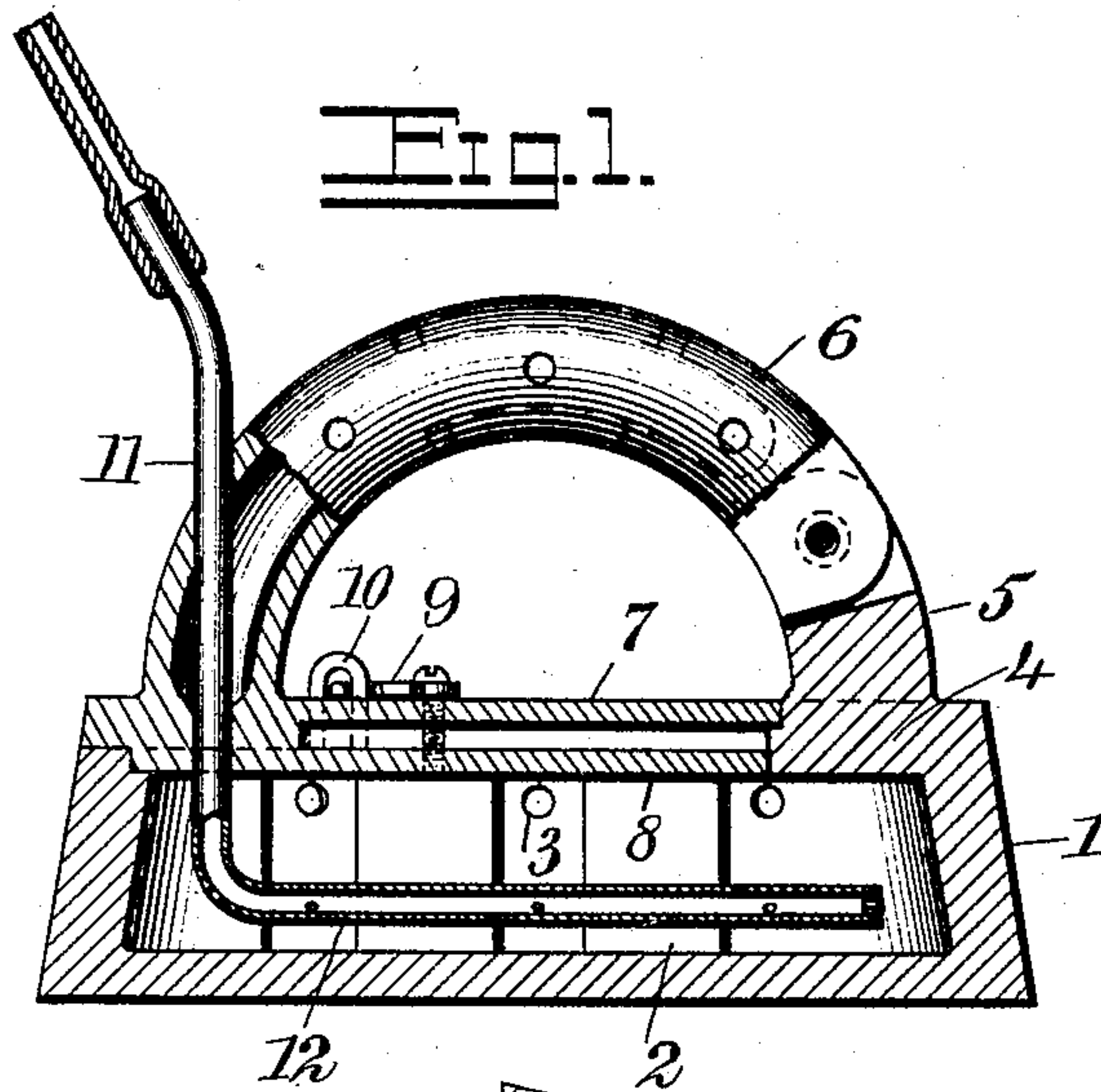


Fig. 2.

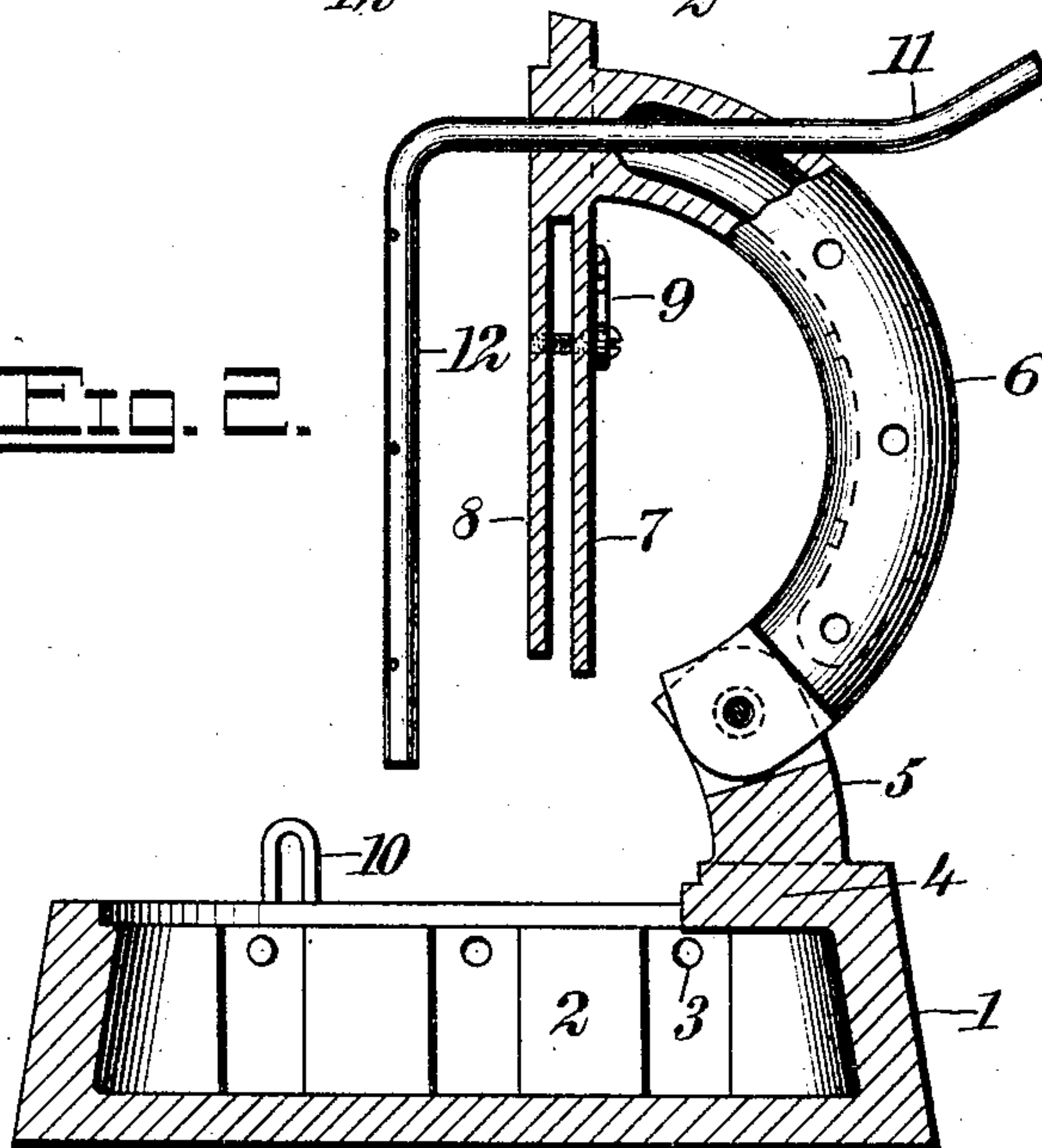
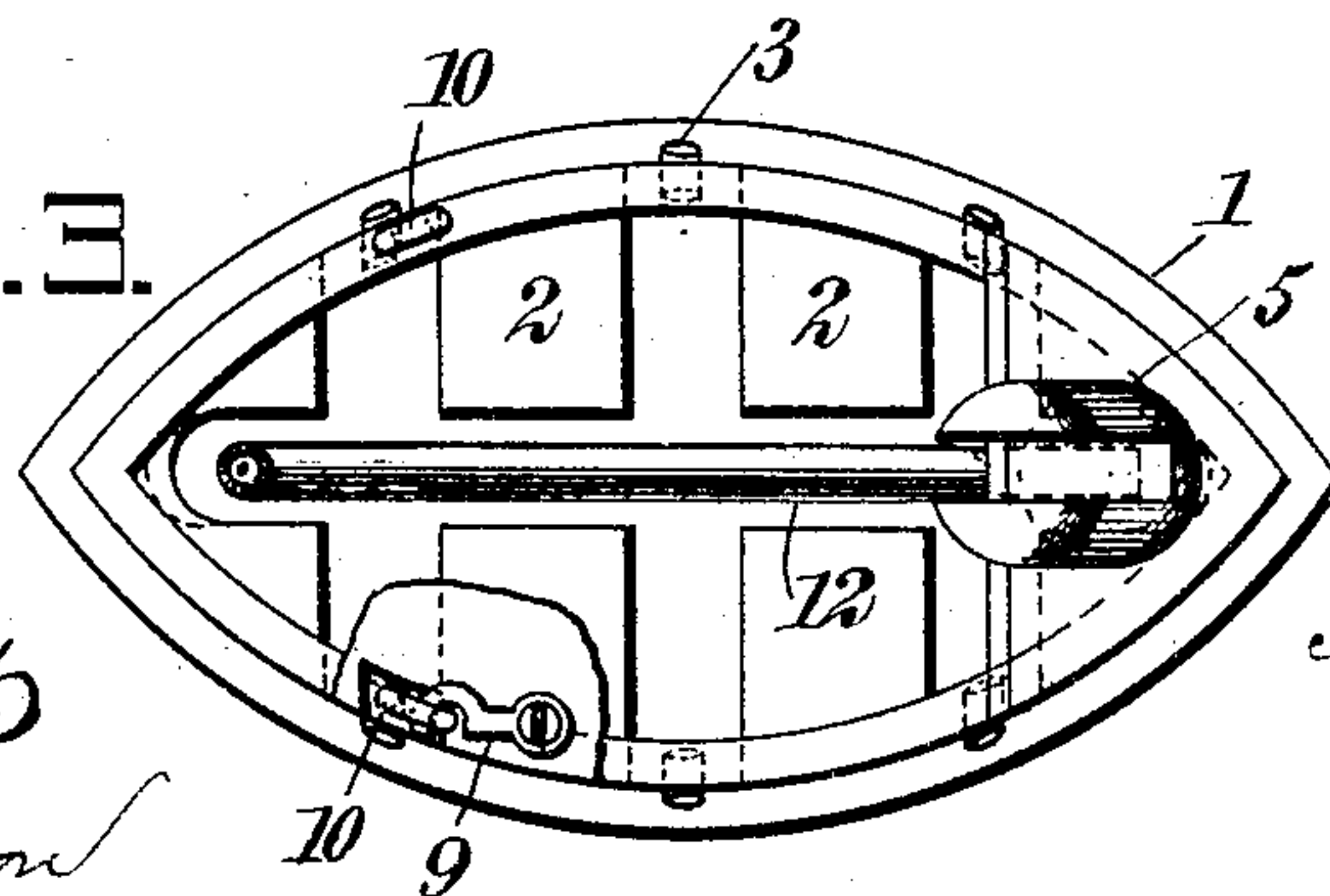


Fig. 3.



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JOSEPH COOK, OF PATERSON, NEW JERSEY.

SAD-IRON.

SPECIFICATION forming part of Letters Patent No. 791,881, dated June 6, 1905.

Application filed September 14, 1904. Serial No. 224,363.

To all whom it may concern:

Be it known that I, JOSEPH COOK, a citizen of the United States, and a resident of Paterson, in the county of Passaic and State of New Jersey, have invented a new and Improved Sad-Iron, of which the following is a full, clear, and exact description.

This invention relates to improvements in sad-irons of the class designed to be heated by a gas-flame within the body portion, the object being to provide an improvement of this class so constructed as to retain the heat for a considerable length of time after extinguishing the gas-flame, thus permitting the use of the iron when detached from a gas-feed pipe.

I will describe a sad-iron embodying my invention and then point out the novel features in the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a sectional view of a sad-iron embodying my invention, showing the parts in operative position. Fig. 2 is a similar section showing the lid as open, and Fig. 3 is a plan with the handle and a portion of the cover removed.

Referring to the drawings, 1 designates the body of the iron, which is of box form or hollow, and extended inward from the opposite walls are metal blocks 2, which when heated will serve to retain the heat in the iron for a considerable length of time. The side walls of the body between the blocks 2 are provided with perforations 3, through which air may pass to support combustion within the body. For a portion of its length the body is open at the top, and from one end a flange 4 extends inward, and extended upward from this flange is a lug 5, to which the handle 6 is pivoted. This handle will preferably be made hollow and perforated, so as to permit the circulation of air to reduce the heat at this portion of the device. Attached to the free end of the handle is a cover for the opening in the top of the body, consisting of two spaced members 7 and 8. When

the cover or lid is in closed position, the member 8 will have its upper surface about flush with the top plane of the body portion, while the lower surface of the member 7 will be above the plane of the iron, thus permitting air to pass freely through and to a considerable extent reduce the radiation of heat to the hand of the person operating the iron.

The cover is held in closed position by means of hooks 9, attached to the cover and engaging with eyes 10, secured to the body.

A gas-burner tube 11 passes through an opening formed in the free end of the handle and has a horizontally-disposed portion 12, which passes between the blocks 2 in the body portion, and this portion 12 of the tube is provided with perforations to permit the outflow of gas.

When it is desired to light the gas, the handle and cover may be swung to an open position, as indicated in Fig. 2, and when the device is in use the tube 11 may be connected directly with the gas-supply by means of a flexible tube, or this flexible tube may be detached after turning off the gas and the iron used after being heated.

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

1. A sad-iron comprising a hollow body having an opening at the top, spaced blocks extended inward from opposite sides of the body a flange extended inward from one end of the top, a lug extended upward from said flange, a handle pivoted to the lug, a cover attached to the free end of the handle, and a burner-tube carried by the handle.

2. A sad-iron comprising a hollow body, blocks extended inward from the walls thereof and spaced apart, the opposite walls of the body being perforated, a lug extended upward from one end of the body, a handle pivoted to said lug, a cover for the opening in the top of the body, said cover consisting of two spaced members, means for securing the cover and handle in closed position, and a burner-tube carried by the handle.

3. A sad-iron comprising a hollow body having an opening at the top, a flange extended inward from one end of the top, a lug extended upward from said flange, a handle piv-

oted to the lug, a cover extended from the
free end of the handle and consisting of two
spaced members, one of said members being
adapted to pass into the upper portion of the
5 opening in the body while the upper member
is above the plane of the body, and a vertical
tube carried by the handle.

In testimony whereof I have signed my name
to this specification in the presence of two sub-
scribing witnesses.

JOSEPH COOK.

Witnesses:

SAMUEL WHITHEAD, [L. S.]
MARTIN COOK. [L. S.]