Sept. 14, 1926. 1,599,511

M. N. BROWN

SUPPORT FOR AN ELECTRIC IRON

Filed Dec. 30, 1924

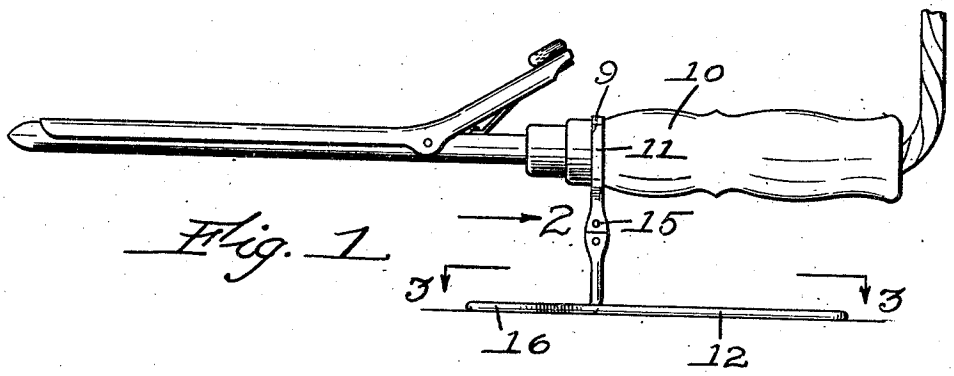


Fig. 1

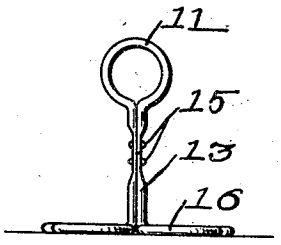


Fig. 2

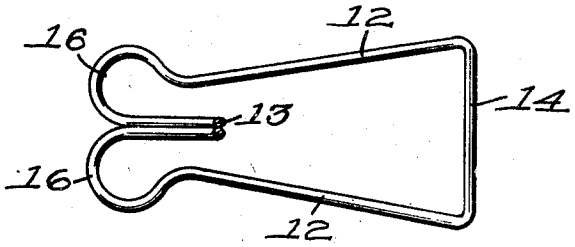


Fig. 3.

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UNITED STATES PATENT OFFICE.

MORRIS N. BROWN, OF WORCESTER, MASSACHUSETTS.

SUPPORT FOR AN ELECTRIC IRON.

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This invention relates to an electric iron and the principal object thereof is to provide it with a permanent means on the iron for supporting it out of contact with a table or other surface on which it is laid.

The invention also involves the provision of this attachment in a simple and inexpensive form and of such nature that it will not interfere with the ordinary functions of the iron.

Reference is to be had to the accompanying drawings, in which—

Fig. 1 is a side view of an electric curling iron of ordinary type provided with a preferred embodiment of this invention;

Fig. 2 is an end view of the attachment; and

Fig. 3 is a plan of the base of the attachment with parts in section on the line 3—3 of Fig. 1.

Difficulty has been experienced with ordinary curling irons, particularly electric ones, owing to the fact that if they are laid down on a table or elsewhere the heat of the iron is apt to disfigure the table. This invention is designed to avoid this difficulty without having a separate support which may get lost and is more likely to be in the way than anything else.

I have shown the invention as applied to an ordinary electric curling iron 10, the details of which need not be described, but the handle is provided with a circumferential groove 9 near the iron. Located in this groove is a ring 11 of wire. The ring constitutes a part of a stand for the iron comprising a base 12 and an upright portion 13, all formed of a single piece of wire. The end 14 of the base 12 is bent inwardly on both sides and then around the front of the upright 13 and the two wires brought together at that point. They extend upwardly and one of them is integral with the ring which extends down to the end of the other. A joint is formed here and the two parts of the upright are flattened so as to permit of the attachment of these two parts to each other by a pair of rivets 15.

The portion 16 of the base that projects forward from the upright is long enough to provide a base on which the iron will not tip so that it will be held in stable equilibrium on this flat piece. The ring 11 is not attached tightly to the handle but is capable of swinging around the axis thereof to any point so that in using it the base may be turned wherever desired so as to be out of the way of the user. With this device the support is always attached to the iron and will swing around by gravity to the bottom so that the iron can be laid down on a table or the like without paying any particular attention to the position of this attachment. The principal value of it lies in the fact that it always keeps the iron up off of any surface on which it is laid and incidentally it also leaves a clear space above that surface so that the handle can be grasped in the hand readily and employed in the usual manner. The construction is inexpensive and involves the necessity of no expensive machinery for attaching it to the handle and does not involve any serious modification of the handle itself.

The invention can be applied also to electric soldering irons in substantially the same way and with similar advantages.

Although I have illustrated and described only a single form of the invention, I am aware of the fact that modifications can be made therein by any person skilled in the art without departing from the scope of the invention as expressed in the claim.

Therefore I do not wish to be limited to all the details of construction herein shown and described, but what I do claim is:—

As an article of manufacture, a support for an iron comprising a circular ring adapted to fit in a groove in the handle of the iron loosely to permit the turning of the support thereon and having a shank extending down from the ring, and a base portion formed of a single piece of wire with the ring and shank and extending both in front of and back of the same and symmetrically on opposite sides, the shank extending vertically from a point within the area of said base, whereby the base will swing into supporting position by gravity and also support the iron in horizontal position.

In testimony whereof I have hereunto affixed my signature.

MORRIS N. BROWN.