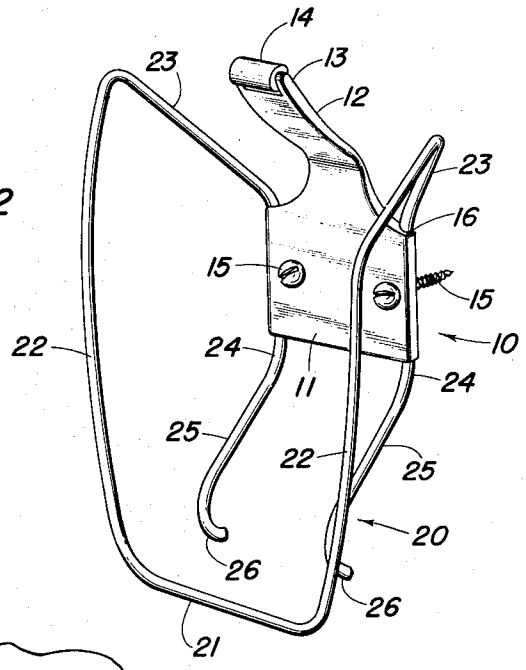
Dec. 20, 1955 W. R. BIDWELL 2,727,710

ELECTRIC IRON SUPPORTS

Filed Oct. 8, 1952

FIG. 2



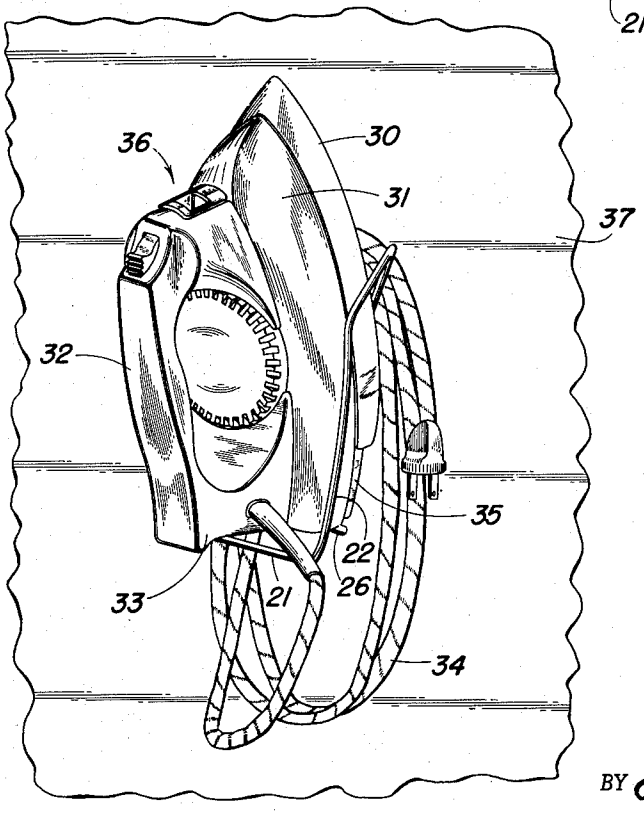


FIG. 1

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The present invention relates to electric iron supports and more particularly to a storage support which may be used to support a steam iron in such a position that water will not spill therefrom even though the iron may be stored with water therein. Specifically, the invention relates to a support for a steam iron having a permanently open fill opening which faces upwardly when the iron rests on its heel and the support is so formed as to support such an iron in substantially its filling position when placed on the support.

According to another feature of the present invention the support is so formed as to engage an iron supported thereon in only three major points, namely, the rear base of the rear handle leg, the cover plate at the rear of the sole plate, and the face of the sole plate adjacent to its toe. Preferably the support is formed with a non-marring member at the latter point. As shown in the drawings, the support as shown is also provided with a sort of cradle which engages the lower edges of the cover shell of the iron to hold it in a slight rearwardly inclined position.

Specifically, the support of the present invention comprises a casting having a base or flat wall engaging surface with an integral upwardly and outwardly extending arm, the upper forward end of which engages the surface of the sole plate near its toe, and is preferably formed with a soft non-marring tip of soft magnesium or a heat resistant "Bakelite." The base may be screwed to a wall, cabinet door, etc., and is provided with grooves for receiving the legs of a supporting cradle. The cradle is preferably formed of heavy spring wire. The bight or nexus of the cradle is positioned outwardly of and below the base to form a support upon which the rear leg of the iron handle may rest. From the bight, the legs of the cradle extend in a generally vertical direction to a point laterally of and to each side of the top of the casting and then downwardly and forwardly into grooves in the base. The legs are then extended downwardly and outwardly so as to engage the cover plate to the rear of the sole plate, to complete the three point support for the iron. The electric cord may then be looped over the downwardly and rearwardly extending parts of the cradle leg and the upwardly and outwardly extending arm of the casting.

Other objects and advantages of the present invention will become apparent when taken in connection with the accompanying drawings in which:

Figure 1 is a perspective view of the support of the present invention and:

Figure 2 shows the support of Figure 1 mounted on a wall with an iron supported thereon.

Referring to the drawings the reference numeral **10** generally represents the casting which may be made of aluminum or any other suitable material. The casting **10** includes a base of flat wall engaging member **11** and an upwardly and outwardly extending arm **12** having a tip **13** on which a soft non-marring sole plate engaging member **14** may be mounted. In the example shown the

member **14** is a roller which may be made of magnesium, from a heat resistant "Bakelite" or any other suitable material. It is to be understood that the member **14** may take other forms than that shown. The base **11** is formed with openings to receive the attaching screws **15** and with grooves **16** for receiving the legs of a cradle to be presently described.

The cradle is generally indicated by the reference numeral **20** and includes a horizontal extending bight or nexus **21** positioned below and forwardly of the base **11**. The legs of the cradle are formed of sections **22** extending from the bight **21** in a generally vertical direction to a point on either side of the tip **13** of arm **12**, downwardly and rearwardly inclined sections **23** which extend from the top of sections **22**, vertical sections **24** which are received in the grooves **16** of the base **11** and downwardly and outwardly inclined end sections **25** which extend to a point upwardly and rearwardly of the bight **21**. The ends of the sections **25** are bent inwardly at **26** to form a smooth curve against which a portion of the iron may rest.

If desired the vertical sections **24** of the cradle **20** may be cast into the base **11** in which case the grooves **16** are not necessary.

While the support of the present invention may be used to support any type of iron it is designed specifically for supporting the steam iron which is shown in Figure 2.

The iron shown in Figure 2 includes a sole plate **30**, a cover shell **31**, a handle **32** having a rear leg **33**, an electric cord **34**, a cover plate **35** beneath the cover shell **31** to the rear of the sole plate **30** and a vertically facing fill opening **36** through which the water reservoir may be filled with the iron in a substantially vertical position. The various parts of the iron are secured together in any suitable manner well known in the art.

In Figure 2 the support is shown attached to a vertical wall **37**. In that position the bight **21** will engage the rear leg **33**, the sections **22** will engage the sides of the cover shell **31**, the member **14** will engage the base of the sole plate adjacent its toe, the rounded ends **26** will engage the cover plate **35** and the cord **34** may be looped behind the sections **23** and arm **12**.

The sections **22** have been shown as engaging the cover shell **31**, that is for the purpose of tightly gripping the iron while in its supported position. However, the sections **22** may be formed so they will be free of the cover shell and the iron tipped rearwardly so that the sole plate will rest against member **14** by gravity.

The iron shown in Fig. 2 is of the type in which no water will spill from the opening **36** with the iron position either horizontally or vertically. Thus the user may place the iron in storage position while it is still hot without bothering to empty the water reservoir and no water will be spilled. Furthermore, if desired, the reservoir may be filled while in storage position.

While Fig. 2 shows a steam iron, any type of iron may be supported so long as it is of similar shape and size. In either case it is to be noted that the member **14** is the only part of the support which engages the surface of the sole plate. That is an important feature of the invention since sole plates are usually made of aluminum castings which are easily marred.

While I have shown and described but a single embodiment of my invention it is to be understood that that embodiment is taken as illustrative only and not in a limiting sense. I do not wish to be limited to the single structure shown and described but wish to include all equivalent variations thereof, except as limited by the scope of the claims.

I claim:

1. A support for an electric iron having a soleplate, a cover shell and a handle including a rear handle leg

comprising, a flat supporting base adapted to be attached to a vertical surface, an integral arm extending upwardly and outwardly from said base and having an upper end adapted to contact the surface of the sole plate of an iron to be supported, and a cradle carried by said base, said cradle being formed from a single length of heavy spring wire having a pair of vertically extending sections secured to said base, a pair of legs extending downwardly and outwardly from the lower ends of said vertically extending sections and adapted to contact the supported iron to the rear of the sole plate, a pair of sections extending upwardly and outwardly from the upper end of said vertically extending sections and adapted to extend over the edges of the sole plate of the supported iron, a pair of sections extending downwardly from the upper ends of said upwardly and outwardly extending sections in spaced parallel relationship to said base and adapted to embrace the cover shell of the supported iron, and a horizontal bight section connecting the lower ends of said last named sections and adapted to engage the rear handle leg of an iron supported by the support.

2. For use with a steam iron of the type having a sole plate with a pointed toe, a cover shell secured to the sole plate and extending beyond the rear end thereof, a handle secured to the cover shell and having a rear leg, a cover plate secured to the under-side of said cover shell to the rear of the sole plate and a forwarding facing fill opening through which water may be poured into the reservoir when the iron is positioned substantially vertically; that improvement which comprises a support for supporting an iron of the above type in a substantially vertical position with the fill opening facing upwardly, said support comprising, a supporting base adapted to be attached to a wall or other vertical surface, an integral arm extending upwardly and outwardly from said base and having its upper end position to engage the surface of the sole plate of the supported iron adjacent to toe thereof, and a cradle of spring material carried by said base, said cradle having a closed end bight section located below and outwardly of said base for contact with the rear side of the rear leg of the handle of the supported iron, vertical sections extending upwardly from the ends of said bight section substantially parallel to the supporting surface to points forwardly and to either side of the upper end of said arm, inwardly sloping sections extending from the upper ends of said vertical sections to said base and adapted to extend over the side edges of the sole plate of the supported iron and end sections extending outwardly and downwardly from said base to points above and inwardly of said bight section and adapted to engage the cover plate of the supported iron to the rear of the sole plate.

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