

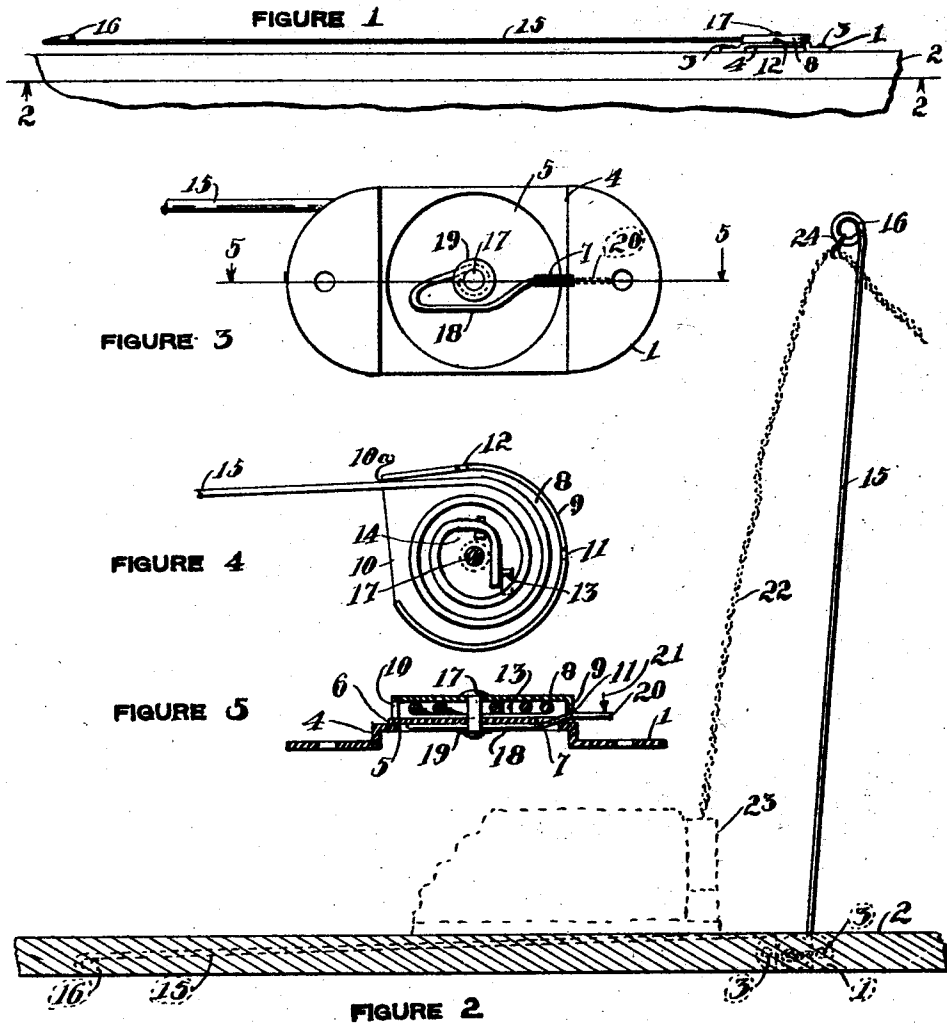
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SADIRON CORD HOLDER

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SADIRON-CORD HOLDER.

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To all whom it may concern:

Be it known that I, ROY L. DAVID, a citizen of the United States, and resident of San Jose, in the county of Santa Clara and State of California, have invented certain new and useful Improvements in Sadiron-Cord Holders, of which the following is a specification.

In using an electrically heated sad iron the loosely hanging cord by means of which it is connected in an electrical circuit, is an object of considerable annoyance as it drags back and forth over the board.

It is one object of the present invention to provide a device mountable upon an ironing board and so constructed and arranged as to support the cord attached thereto and yet permit free use of the iron throughout the length of the board.

It is another object of the invention to provide a device of the character indicated that may be permanently mounted upon the board and collapsible with relation thereto whereby it may be quickly and easily arranged in an erect operative position, or in an inoperative position along the side edge of the board.

Finally, it is an object to provide a device of the character indicated that will be simple in form and construction, economical to manufacture, and highly efficient in its practical application.

In the drawing:—

Figure 1 is a plan view of a portion of an ironing board with a device embodying my invention mounted on the edge thereof in an inoperative position.

Figure 2 is a section on line 2—2 Figure 1 but with the device in an operative position. Figure 3 is a bottom plan view of the device.

Figure 4 is a view of the device with the bottom plate removed.

Figure 5 is a sectional view on line 5—5 of Figure 3.

Referring more particularly to the drawing, 1 is a plate having the general conformation shown for mounting on the edge of an ironing board 2 by any suitable means as by screws 3.

The central portion of the plate 1 is raised as shown at 4 and an annular central portion 5 is raised sharply a distance above portion 4 to form a shoulder 6.

The plate 1 has a slot 7 formed radially

therein and cutting through the shoulder 6 and part 4 as shown.

At 8 I show an annular cap, the flange 9 of which engages shoulder 6 and rotates thereon. One portion of the flange is cut away to leave an opening 10 and formed to provide a stop 10^a. This flange 9 is also provided with two small notches as at 11 and 12 for the purpose hereinafter set forth.

Struck inwardly from the top of cap 8 and on opposite sides of its center are two lugs 13 and 14. At 15 is shown a spring wire bent to engage the inner edge of lug 13 and the outer edge of lug 14 and coiled within the cap 8 as shown, and extending therefrom through opening 10 a distance and terminating in a loop 16.

In assembling the device the spring wire 15 is placed in position in cap 8 as described and the cap 8 is then placed in position on the shoulder 6 of annular portion 5 of plate 1, and a bolt or rivet passed through parts 8 and 5.

On the inner end of bolt 17 is placed a light spring wire 18 and a washer 19, and then the end of the bolt is mutilated to hold these parts fixedly in position.

The spring wire 18 lies flat against the inner surface of part 5 and its free end passes through the slot 7 in plate 1 and normally engages one of the notches 11—12 in cap 8 whereby to prevent rotation of said cap. Since the spring 18 passes through slot 7 where it cuts shoulder 6 it forms a positive fastening for cap 8. Cap 8 can be rotated by pressing spring 18 out of notch 11 or 12 as the case may be.

Assuming the device to have been assembled as described, and mounted upon one edge of an ironing board as shown. The spring 18 is pressed inwardly as indicated by arrow 21 and the cap 8 with the wire 15 therein is rotated to bring the wire 15 into a substantially vertical position, whereupon the spring wire 18 engages notch 12 and holds it in that position.

The cord 22 of iron 23 is now attached to loop 16 of wire 15 by means of a string 24, and in such a position as to support the cord 22 and hold it out of the way. The iron 23 moving away from the wire support 15 a distance merely bends it over and it returns to its original position when the pull on its upper end is removed by returning the iron to a point near its base.

When not in use the spring 18 is depressed out of notch 12 and the cap 8 and wire 15 are swung downwardly about bolt 17 as a pivot until the spring 18 engages notch 11, thereby holding the wire 15 in a position parallel with and substantially flat against the edge of the ironing board.

It may be seen from the foregoing that I have provided a device that will effectually support the cord and maintain it in an elevated position and yet permit the free and unobstructed use of the iron. Furthermore the device may be mounted upon the board and quickly moved into or out of an operative position as desired, and securely and automatically fastened in either position.

It is to be understood, of course, that while I have herein shown and described one spe-

cific embodiment of my invention, changes in form, construction, and method of operation may be made within the scope of the appended claim.

I claim:—

A sad-iron cord support comprising a supporting element mountable upon an ironing board, a flanged cap member revolvably mounted on said element and having an opening therein, a cord supporting arm having a portion thereof coiled within said member to form a spring and extending through said opening and bearing against an edge thereof, means for securing the inner end of said coiled portion of the arm to said revoluble member, and releasable means for locking said member against rotation relative to said supporting element.

ROY L. DAVID.