This invention relates to improvements in supporting devices for electric cords. More particularly the invention relates to a device for supporting the electric cord or conduit attached to a sad iron.

The object of the invention is to provide an improved device for the purpose set forth particularly well adapted to be easily and quickly installed and one which shall be inexpensive to manufacture.

With the above and other objects in view my invention is embodied in a cord supporting device arranged and constructed as hereinafter set forth and as illustrated in the accompanying drawings in which

Figure 1 is a view of a cord device embodying my invention.

Figure 2 is a sectional detailed view of the supporting bracket and adjacent parts.

Figure 3 is a view of the end support for the cord.

Figure 4 is a plan view of the supporting bracket.

Figures 5 and 6 are detail views of the cord support which is attached to the iron.

Referring to the drawings the reference numeral 6 denotes the electric iron shown resting upon an ironing board 7. The current is supplied through the cord 8 which is plugged in at 9 in an outlet 10. 11 represents the wall of the room. In modern houses the outlets are being located about waist high in the walls and this feature is taken advantage of in my device, in that I arrange the supporting bracket 12 preferably above an outlet 10. The bracket is secured to the wall by screws or other suitable means and is provided with a base 13.

As seen best in Figures 2 and 4, the base supports a bolt 14 and upon the latter is pivoted at 15 the cord supporting rod 16 in a rod bearing 17. The rod bearing is in the form of a relatively thick washer or collar having projecting bearing lugs 18, 18 between which the rod 16 is pivoted by means of the pin 15. The bolt 14 has a head 19 and is secured in the base 13 by a pin 20. Suitable washers 21, 22 are placed on the bolt as shown to facilitate the rotation of the parts as will be explained hereinafter.

Referring now to Figure 1, it will be seen that the cord 8 passes from the outlet 10 upwards to a retaining swivel member 23 and thence along the rod 16 to the end knob or ball 24, see Figure 3. The ball has two parallel apertures 25 and 26 and the cord is lead through the apertures in a well known manner and thence to the iron. The ball 24 is secured on the rod 16 by a pin 36 which also prevents rotation of the ball.

The bracket 12 has a strap up therefrom an eye piece 27 and to the latter is fastened the one end of a spring 28, the other end of which is secured to the rod 16 at 29.

To the iron is secured a clip 30 by means of a nut 31 which usually projects from the handle of the iron. The clip 30 has a spring loop 32 adapted to receive the cord. The loop is held closed by a pivoted latch 33 whereby the cord is pinched in the loop. Thereafter the cord plug 34 is as usually plugged into the iron.

Referring to Figure 1 it will be seen that during the use of the iron, the rod 16 swings horizontally on the pivot bolt 14 and thus permits the cord to follow the iron. At the same time, however, there is an upward pull on the rod 16 due to the spring 28 whereby the cord is kept taut. This upward pull on the cord exists, however, only between the ball 24 and the clip 32 so that there is no danger of pulling the plug 9 away from the spring loop 32 of the clip 30 and the plug 34 detached from the iron. The device is easily installed and efficient in operation. The projecting bearing lugs 18 prevents bending of the rod near the bolt.
14, and insures a steady swing of the rod around the bolt. They also serve as guides in the vertical movements of the rod.

I claim:—

5 A cord supporting device of the character described comprising a bracket adapted to be secured to a wall and having a projecting horizontally disposed shelf portion, a bolt vertically supported in the latter, a rod bearing mounted on said bolt and adapted to rotate horizontally thereon, a rod pivoted on said bearing to swing in a vertical plane, said bracket shelf portion extending underneath and in the path of said rod to prevent movement thereof below the said shelf portion, means at the pivoted end of said rod for loosely securing a cord thereto, a ball at the outer end of said rod having means to securely grip a portion of the cord and a spring secured to said bracket and rod above the same tending to move the rod upwardly to keep the cord taut and to move the rod into vertical inactive position, and a washer on said bolt for preventing the rod from striking the wall.

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