

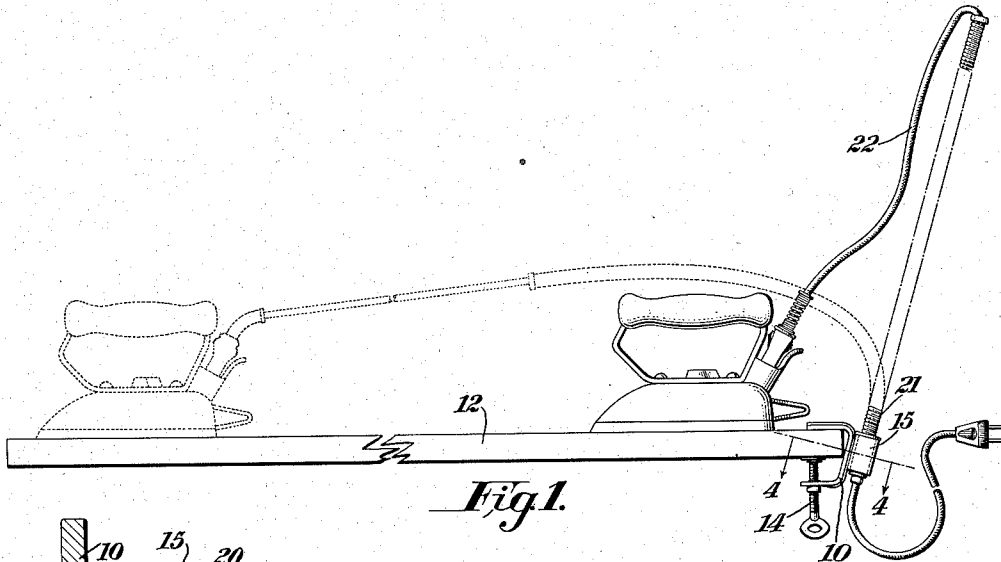
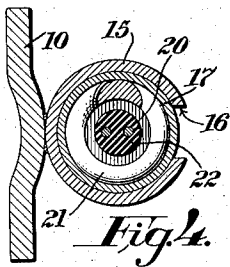
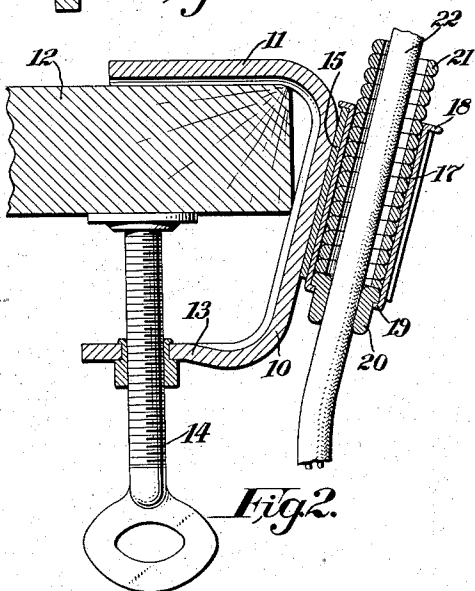
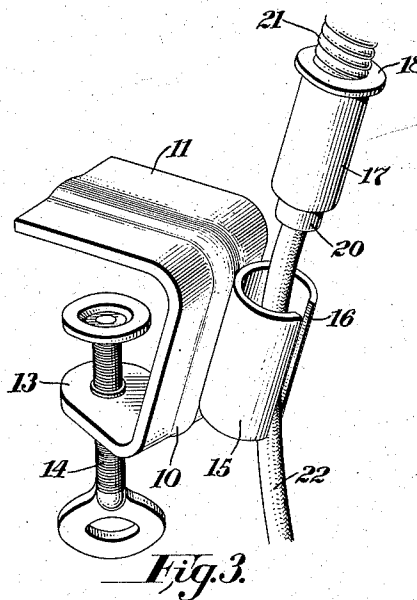
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CORD CONTROLLER FOR ELECTRIC FLATIRONS

Filed April 5, 1938



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CORD CONTROLLER FOR ELECTRIC
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2 Claims. (Cl. 248—51)

This invention relates to controllers or take-ups for flexible electrical conductor cords used with electric irons and has for its objective the provision of an improved holder whereby the take-up element may be quickly removed from or attached to an ironing board.

The several features of the present invention will be clearly understood from the following description and accompanying drawing in which—

Figure 1 is a side elevation of an ironing board with my improved controller secured thereto.

Figure 2 is a fragmentary vertical sectional view taken substantially through the center of the clamp and socket which receives the lower end of the take-up element.

Figure 3 is a perspective view showing the take-up element and clamp in disassembled relationship.

Figure 4 is a sectional view taken along the line 4—4 of Figure 1.

The take-up element illustrated is of the type shown and described in the patent to F. Diehl, No. 2,049,410, dated July 28, 1936. In the embodiment shown, it comprises a C-shaped clamp 10 having a limb 11 which is adapted to engage the upper surface of an ironing board 12 and a limb 13 provided with a thumb-screw 14 which is adapted to engage the under side of the ironing board.

Spot-welded to the inclined side of the clamp 10 is a socket 15 having a longitudinally arranged slot 16 therein. Removably received by the socket 15 is a sheet-metal bushing 17 having its upper edge 18 bent outwardly to engage the upper edge of the socket 15 and its lower edge 19 bent inwardly to receive a wearing guard 20, preferably of insulating material.

Seated in the bushing 17 and extending upwardly therefrom is a helically wound spring 21. The bushing 17 may be held on the spring by any suitable means. In the present instance it

is held by means of several punches at points on the bushing which cause the bushing to be slightly depressed at these points and grip the spring tightly.

Normally the clamp 10 remains on the ironing board at all times. When the work has been completed the helical spring is grasped by the operator and pulled upwardly thereby causing the bushing 17 to slide out of the socket 15. The cord 22 can then be moved outwardly through the slot 16 in the socket 15. Now the cord may be placed away with the iron. When it is desired to again use the iron it is only necessary to slip the cord 22 through the slot 16 and then press the bushing 17 into the socket 15. The fit between the socket 15 and the bushing is close and to insure that they will be properly held together the socket 15 is made so that it will spring slightly.

Having thus set forth the nature of the invention, what I claim herein is:—

1. In a device of the character described the combination with an electric flat-iron current-supply cord of a cord-controller having a clamping device adapted to be secured to an ironing board or the like, a socket formed with a slot through which said cord may be passed laterally, and an upstanding spring through which said cord extends, said spring being slidably received in said socket.

2. In a device of the character described the combination with an electric flat-iron current-supply cord of a cord-controller having a clamping device adapted to be secured to an ironing board or the like, a socket formed with a slot through which said cord may be passed laterally, an upstanding helically wound spring through which said cord extends, and a smooth surfaced bushing secured to and embracing the lower end of said spring, said bushing being slidably received by said socket.

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