

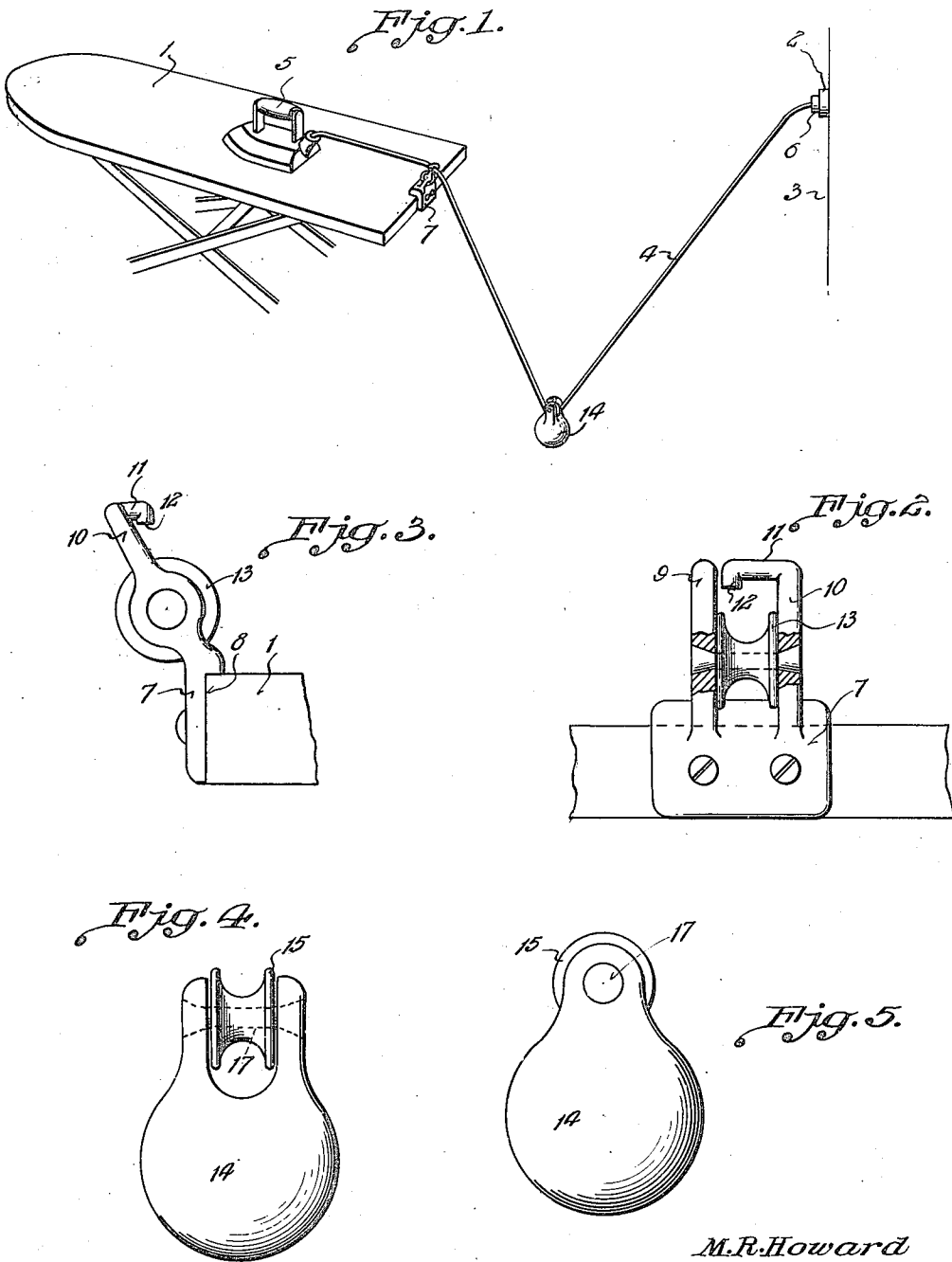
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M. R. HOWARD

CORD ADJUSTING MEANS FOR ELECTRIC IRONS

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WITNESSES

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CORD-ADJUSTING MEANS FOR ELECTRIC IRONS.

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To all whom it may concern:

Be it known that I, MILTON R. HOWARD, a citizen of the United States, residing at Ottawa, in the county of La Salle and State of Illinois, have invented new and useful Improvements in Cord-Adjusting Means for Electric Irons, of which the following is a specification.

In ironing with an electric iron, the flexible cable or cord through which the electric conductors are carried frequently becomes caught upon the edge of the ironing board and frequently becomes entangled and gets in the path of the iron to the annoyance of the operator with the result that the ironing operation is seriously interfered with and the capacity of the operator is diminished.

The object of my said invention is the provision of cord adjusting and handling means which will preclude the cord from interfering in any degree with the manipulation of the electric iron.

To the attainment of the foregoing, the invention consists in the improvement as hereinafter described and definitely claimed.

In the accompanying drawings, forming part of this specification:—

Figure 1 is a perspective showing in general my improvement.

Figures 2 and 3 are enlarged detail views of the cord guide and retainer employed on the ironing board.

Figures 4 and 5 are detail views of the weight suspended on the cord with a view to taking up slack of the cord.

Similar numerals of reference designate corresponding parts in all of the views of the drawings.

At 1 in Figure 1 I show an ironing board, and at 2 I show an electric socket on the wall 3 of an apartment, it being understood in this connection that the cord 4 complementary to the electric iron 5 is provided at 6 with a terminal plug for cooperation with the said wall socket 2.

In accordance with my invention I appropriately fix to the ironing board 1 a bracket 7 of the general form best shown in Figures 2 and 3. The said bracket 7 is made up of an angular body 8 to bear against two surfaces of the ironing board 1, and arms 9 and 10, the arm 10 being provided with an

upper inwardly extending extension 11, disposed horizontally and provided with a pendent terminal 12 arranged adjacent to the inner side of the upper end of the arm 9 so as to better retain the cord 4 in the bracket without interfering with the free movement of the cord through the bracket. Between the arms 9 and 10 is mounted a circumferentially grooved antifriction roller 13 designed to ease the movements of the cord relative to the bracket.

Suspended on the pendent bight portion of the cord intermediate of the ironing board 1 and the walls 3 is a bifurcated weight 14 in which is mounted a circumferentially grooved roller 15 which is the only part of the weight in direct engagement with the cord 4. The rollers 13 and 15 are mounted on pins 16 and 17, respectively, and it will be noted that the ends of the said pins 16 and 17 are flush with the arms of the bracket and the weight, respectively; also, that the end portions of the pins—i. e., the pin portions within the arms are tapered inwardly. From this it follows that the rough portions of the pins caused by riveting may be filed flush with the outer surfaces of the bracket and weight arms to afford finished surfaces.

In the practical use of my improvement it will be noted that the weight 14 in cooperation with the anti-friction guide will serve under all conditions to so position the cord 4 that there will be no liability of the cord 4 becoming caught or occupying such a position as to interfere with the operator in the manipulation of the iron 5 on the board 1.

I have entered into a detailed description of the construction and relative arrangement of the parts embraced in the present and preferred embodiment of my invention in order to impart a full, clear and exact understanding of the said embodiment. I do not desire, however, to be understood as confining myself to the specific construction and relative arrangement of parts inasmuch as in the future practice of the invention various changes and modifications may be made such as fall within the scope of my invention as defined in my appended claim.

Having described my invention, what I

claim and desire to secure by Letters-Patent, is:—

A retaining guide for electric iron cords comprising a bracket having an angular body portion adapted to be affixed to and closely fit the edge of an ironing board and also having arms spaced apart in parallelism and an inwardly extending lateral portion

on one of the arms and terminating in a downwardly directed portion spaced from 10 though adjacent to the other arm, and a circumferentially grooved roller mounted between the arms and spaced under the lateral portion on one of the arms.

In testimony whereof I affix my signature.
MILTON R. HOWARD.