C. M. MYERS.

CORD SUPPORT.

APPLICATION FILED APR. 21, 1921.

1,418,960. Patented June 6, 1922.

Fig. 1

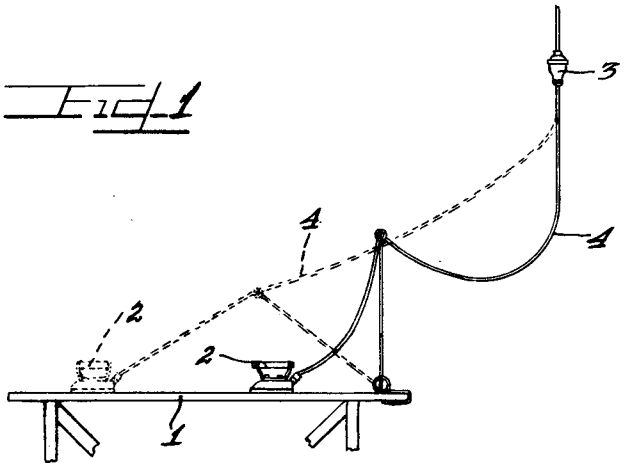


Fig. 2

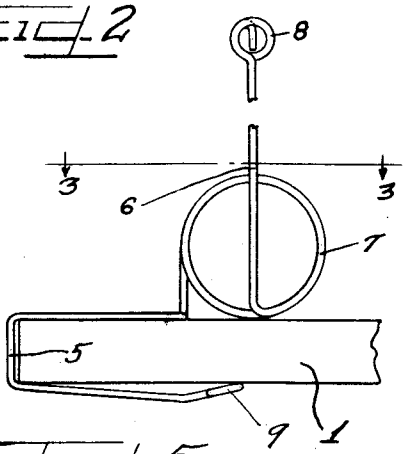


Fig. 3

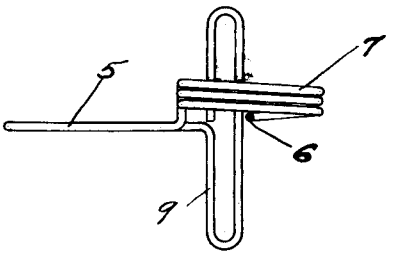


Fig. 4

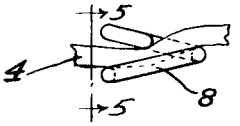
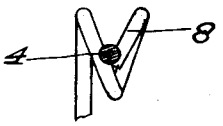


Fig. 5



Witnesses

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CORD SUPPORT.

1,418,960. Specification of Letters Patent. Patented June 6, 1922.

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To all whom it may concern:

Be it known that I, CLAUD M. MYERS, a citizen of the United States, and a resident of the city of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Cord Supports; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the numerals of reference marked thereon, which form a part of this specification.

This invention relates to a cord support and particularly to a device which is adapted to be used to support an electrical conductor above a working surface in such a manner that an instrument connected thereto may be conveniently manipulated over the working surface without interference from the conductor.

In the use of electric flat irons and other electrically operated instruments which are supplied with electrical energy by a flexible conductor, considerable difficulty is often experienced on account of the flexible conductor becoming entangled with the objects on the working surface, thereby causing annoyance to the operator and often resulting in damage to the objects entangled or to the flexible conductor itself.

It is an object therefore of the present invention to provide a support for flexible conductors which prevents damage to the conductors and which facilitates the operation of an instrument connected thereto.

It is also an object of this invention to provide a support for flexible means which may be conveniently mounted in operative position.

It is an important object of this invention to provide an efficient and economical device for supporting flexible means over a working surface.

Other and further important objects of this invention will be apparent from the disclosures in the specification and the accompanying drawings.

The invention (in a preferred form) is illustrated in the drawings and hereinafter more fully described.

On the drawings:

Figure 1 is a fragmentary side elevation of an ironing table equipped with the improved supporting device of this invention.

Figure 2 is a fragmentary side elevation of the supporting device.

Figure 3 is a view on the line 3—3 of Figure 2.

Figure 4 is a fragmentary top plan view of the cord engaging means.

Figure 5 is a view on the line 5—5 of Figure 4.

As shown on the drawings:

The device of this invention is particularly adapted to be used in connection with electric flat irons to support the flexible conductor which supplies electrical energy thereto above the ironing table and thereby prevent damage to goods on the ironing table or to the conductor or flat iron which would be caused by entanglement of the conductor.

One method of using the cord support is clearly shown in Figure 1 wherein the reference numeral 1 indicates an ironing table on which an electric iron 2 may be operated. Said electric iron 2 is supplied with electrical energy from a socket 3 by means of the usual flexible conductor 4, and said flexible conductor 4 is supported above the ironing table by means of my novel supporting device which will now be described. Said supporting device is preferably constructed from an integral piece of spring wire and comprises a base 5 which is bent to form a clamp to be engaged over the edge of the ironing table and which supports an upright standard 6. Formed in the upright standard 6 near the lower ends thereof is a helix 7 which acts to return the standard to upright position when the same is bent downwardly by movement of the flat iron to the outer end of the ironing board as is indicated in dotted lines in Figure 1. Said helix 7 preferably comprises a plurality of coils and thereby braces the standard against lateral movement. Means for engaging the flexible conductor 4 are formed on the upper end of the standard 6 and preferably comprise a double loop 8 which is adapted to resiliently engage the conductor 4, as is indicated in Figures 4 and 5. This double loop 8 affords means whereby the desired amount of slack may be left in the conductor and whereby this slack may be changed by simply lifting the same from between the loop

of the member 8 and engaging another portion of the conductor therebetween. As is indicated in Figure 2, the base member 5 is preferably formed with a flat loop or foot 9 which affords a large area of engagement with the bottom of the table and thereby acts to more securely hold the standard in upright position.

It will be apparent from the foregoing description that this invention provides convenient means for supporting a flexible conductor above a working surface in such a manner that an instrument connected to the conductor may be conveniently moved over the working surface.

On account of the fact that the supporting device may be made of a single piece of spring wire, the construction is economical and the device is neat in appearance and may be conveniently stored away when not in use.

While the device has been shown and described herein in connection with a flexible electrical conductor, it is also evident that the same might be used with flexible tubes for conducting gas, or with any other flexible means which might be connected to an instrument to remove said flexible means to a position where they are not in the way.

I am aware that numerous details of construction may be varied through a wide range without departing from the principles of this invention, and I therefore do not purpose limiting the patent granted otherwise than necessitated by the prior art.

I claim as my invention:

1. A support of the class described, comprising a clamping base, a standard, means on the upper end of the standard adapted to resiliently engage a flexible conductor, and means integral with both base and standard for resiliently holding the standard upright.

2. An integral spring wire support, comprising a clamping base, a standard, a helix formed intermediate the base and the standard, and helical cord-engaging means at the upper end of the standard.

3. A support for a flexible conductor, said support comprising a wire clamping loop adapted to be applied to a work table at its edge, one side of said loop being of a straight piece of wire and having integral therewith at the end remote from the bight of the loop a bracing foot adapted to prevent rocking of the device, said foot being adapted to contact with the under face of the work table and a standard resiliently connected to the other end of said loop.

In testimony whereof I have hereunto subscribed my name in the presence of two subscribing witnesses.

CLAUD M. MYERS.

Witnesses:
CARLTON HILL,
JAMES M. O'BRIEN.