June 29, 1948. R. B. HARPSTER 2,444,350

IRON CORD HOLDER

Filed Nov. 20, 1944

Fig. 2.

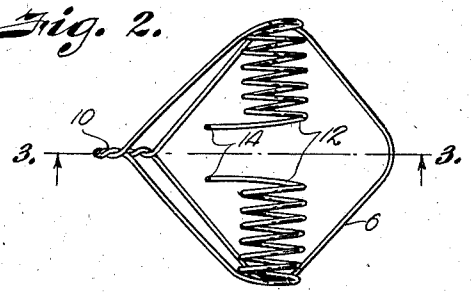


Fig. 1.

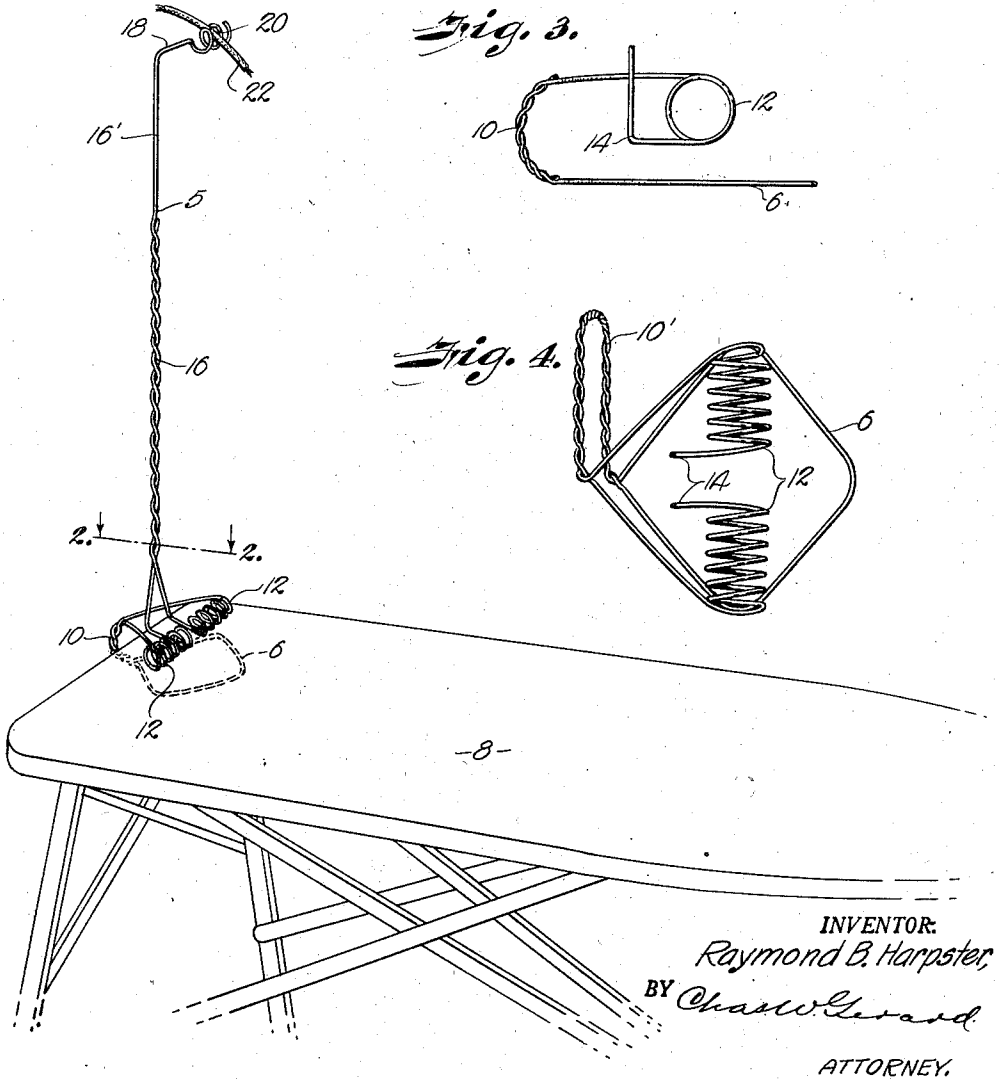


Fig. 3.

Fig. 4.

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IRON CORD HOLDER

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1 Claim. (Cl. 248—51)

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The present invention relates to the holding means for the cords of electric irons and the like, and a special object of the invention is to provide an improved type of iron cord holder adapted to be conveniently attached to the iron board or other support while in use.

Accordingly I have devised a simple and efficient form of holder adapted to be constructed of a single piece of wire material, and conveniently attached at any desired point along the side edge of the iron board.

It is also sought to provide a holder attachment not only of extremely simple construction but which may be economically manufactured of inexpensive wire material and in a form suitable for attachment to either the ends or the sides of the iron board, and in either case provide a support for the iron cord which will operate efficiently to hold the cord away from the iron while in no way interfering with the regular ironing operation.

With the foregoing general object in view the invention will now be described by reference to the accompanying drawing illustrating a preferred form of construction which has been found practical for the embodiment of the improvement, after which those features and combinations deemed to be novel and patentable will be particularly set forth and claimed.

In the drawing—

Figure 1 is a perspective view illustrating my improved iron cord holder, and method of mounting the same for use;

Figure 2 is an enlarged plan view, representing a section taken on the line 2—2 of Figure 1;

Figure 3 is a sectional elevation, representing a section taken on the line 3—3 of Figure 2; and

Figure 4 is a plan view illustrating a modified form of the device.

Referring now to the drawing in detail, this illustrates the improved iron cord holder as comprising a construction made entirely from a single piece of wire 5 of suitably strong gage and resiliency.

This piece of wire is bent intermediate its ends into any suitable shape, such as an appropriate polygon figure, adapted to form a horizontal clamping portion 6 to engage the under side of the iron board 8 or other supporting member.

From one side of this clamping portion 6, the strands of the wire are twisted to form an upwardly extending shank portion 10 of a length adapted to span the distance between the bottom and top faces of the iron board, as illustrated in Figure 1.

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From this shank 10 the strands of the wire again diverge and are formed into a pair of separate coils 12 which extend into a position directly over or above the lower clamping portion 6, as shown in Figure 3.

From the inner ends of the coils 12 the strands of the wire converge slightly and toward the shank portion 10 and in a horizontal plane tangent to the under sides of said coils 12; and about midway between said coils and shank 10 the strands of wire are bent upwardly to form right-angular knee portions 14 from which the wire strands converge again for some distance upwardly and are then twisted together up to a height where one of the strands terminates, thus providing a lower relatively strong supporting portion 16, above which the other strand of the wire extends a suitable distance (as indicated at 16') and finally terminates in a short horizontal arm 18 provided with a coil portion 20 with which the iron cord 22 may be conveniently engaged and supported during the ironing operation.

As shown in Figure 1, this construction provides a base clamping portion for the support, adapted to fit over the edge of the iron board 8, with the clamping portion 6 engaging the under face of said board, and the shank 10 spanning the thickness of the board and forming a slightly yielding connection with the coils 12 which engage the upper face of the board, and thereby clamp the support securely in place with its cord-carrying arm 16 in upright vertical position. With the device thus attached in operative position, the cord 22 is carried in an out of the way position and entirely free of the iron, and any pull on the cord is taken up by a free yielding of the arm 16 in any direction. For example, the coils 12 operate either separately or jointly with a hingelike action to allow forward movement of the arm 16, while rearward movements thereof are accommodated by a rocking action of either or both of the knee-portions 14, operating to slightly lift the upper clamping portion of the device as permitted by the diverging arms between the coils 12 and the connecting shank 10—all as illustrated by the form of construction shown in Figures 1 to 3.

The modified form of construction as illustrated in Figure 4, and designed to be of a character adapted for enabling the device to be attached to either side of the iron board 8, if necessary or preferred, comprises a base attaching portion provided with a shank connection 10' having a laterally extending U-shaped extension for making connection between the upper and lower

clamping portions of the device by way of the side margin of the board, while preserving the same arrangement of these clamping portions and the upright supporting arm 16 with reference to the longitudinal axis of the board 8—i. e., for allowing the main swinging movement of the arm 16 to take place in a general direction longitudinally of said board.

From the foregoing it will be apparent that I have devised a simple and inexpensive, yet highly practical and efficient form of iron cord holder, having all the desired features of my invention. The device is easily and quickly attached to the iron board, at any point along its edge, and requires no screws or other fastening means to manipulate or tighten—and when attached in operative position and the iron cord 22 mounted in the coil portion 20, the cord is held entirely away from the iron and also completely out of the path of the ironing operation, but at the same time freely permits all necessary play or movement required on the part of the operator.

Moreover, while the device is light and flexible, it is nevertheless sturdy and has nothing to wear out or get out of order, in any ordinary usage.

While I have illustrated and described what I have found to represent a practical and satisfactory construction for the embodiment of my invention, I desire to be understood as expressly reserving the right to make all changes or modifications fairly falling within the scope of my invention as defined by the following claim.

What I claim and desire to secure by Letters-Patent is:

An iron cord holder comprising a one-piece wire construction having a base clamping portion and an upper clamping portion connected by twisted strands of the wire forming a resilient U-shaped shank portion, said upper clamping portion being approximately coextensive with said base clamping portion and comprising separate coils extending in alinement with and toward each other and having their adjacent inner ends terminating in knee-shaped arms, said arms having horizontal portions in tangential relation to the lower sides of the coils for supporting engagement with a supporting surface and the remaining portions of said arms converging upwardly and jointly forming an upright supporting arm for engaging and holding the iron cord.

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The following references are of record in the file of this patent:

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