

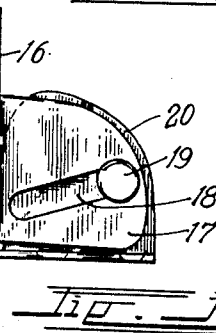
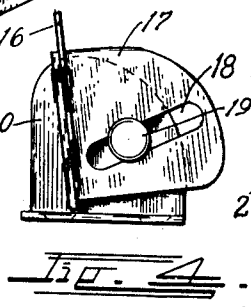
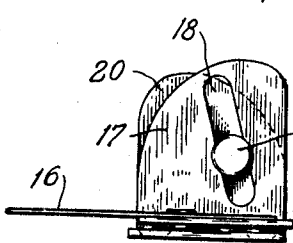
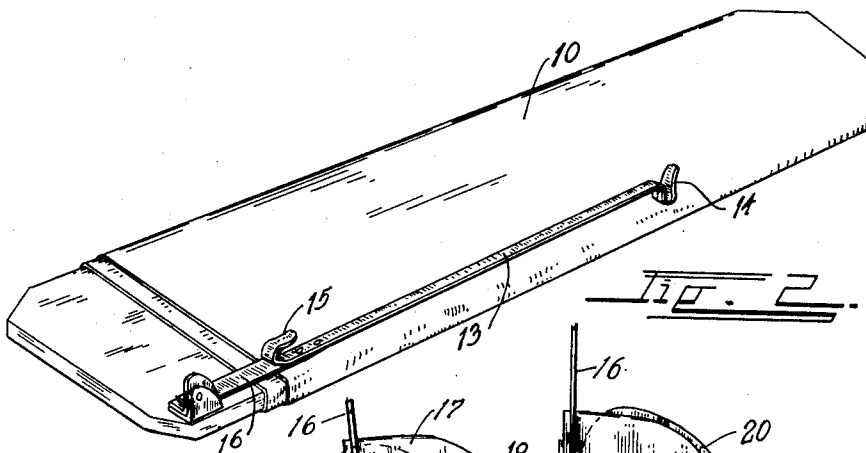
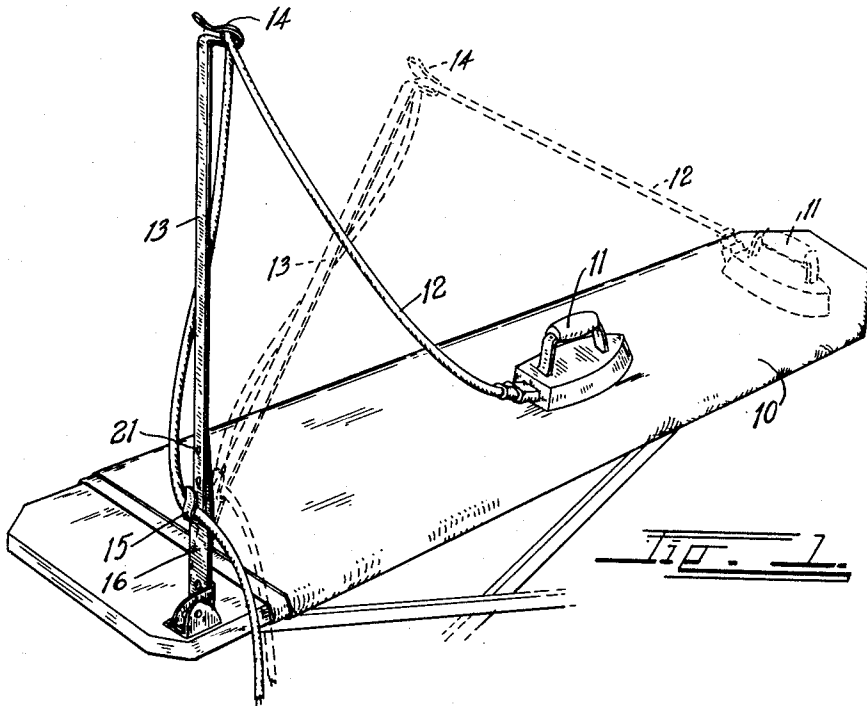
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IRONING BOARD CORD HOLDER

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IRONING BOARD CORD HOLDER

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3 Claims. (Cl. 248—51)

This invention relates to a device for supporting the electric cord of an electric iron, and has for its principal object the provision of an electric iron cord support which will hold the cord out of the operator's way at all times, and yet will not interfere with normal use of an electric iron.

Other objects of the invention are to provide a cord support, which will hold the cord above the ironing board so that the garments may be placed completely over the board without interference; which will always maintain a slight tension upon the cord to prevent wrinkling or tangling the latter; and which, when not in use, will fold flat against the ironing board so as to be completely out of the way.

Other objects and advantages reside in the detail construction of the invention which is designed for simplicity, economy, and efficiency. These will become more apparent from the following description.

In the following detailed description of the invention reference is had to the accompanying drawing which forms a part hereof. Like numerals refer to like parts in all views of the drawing and throughout the description.

In the drawing:

Fig. 1 is a perspective view of the ironing board with the invention ready for use thereon.

Fig. 2 is a similar view illustrating the device in the folded position.

Figs. 3, 4, and 5 are detail views illustrating the operation of the supporting hinge.

A typical ironing board is indicated at 10, an electric iron at 11, and the electric cord carrying current thereto at 12.

The invention comprises a relatively stiff metallic bar 13 formed at its upper extremity with a horizontal hook 14 and at its lower extremity with a vertical hook 15. The bar 13 is formed of sufficiently rigid material to firmly support the weight of the usual iron cord 12.

At its lower extremity, the bar 13 is secured to a flexible leaf spring 16, by means of suitable rivets 21. The leaf spring is riveted or otherwise secured to a shiftable hinge clip 17. The hinge clip 17 is formed with an elongated slot 18 for receiving a hinge pivot pin 19. The pivot pin 19 is permanently carried in a fixed hinge clip 20 which is perforated to receive suitable attachment screws by means of which it may be secured to the ironing board 10.

In use, the cord 12 is snapped into the hook 14, thence is extended downwardly and through the hook 15 to the electric outlet so that the nor-

mal pull of the attachment end of the cord is received on the hook 15. Both hooks are resilient so that they will exert a secure clamping action upon the cord.

It can be readily seen that as the iron 11 is pushed toward the far extremity of the board 10, the bar 13 will be swung forwardly, flexing the spring 16 and as the iron is returned toward the rear extremity of the board, the spring 16 will straighten to take up the slackness in the cord 12. Thus at all times, the cord is maintained above the board clear of any garments which may be thereon.

When the ironing is finished, the cord is simply pulled from the resilient hooks 14 and 15 which allow the cord to be easily detached therefrom. The upper hinge clip 17 is then lifted and slid rearwardly, as indicated in Fig. 4, to position the lower extremity of the slot 18 about the pivot pin 19. This allows the upper clip to be pivoted over the lower clip so as to bring the bar 13 downwardly along the top of the ironing board, as indicated in Figs. 2 and 5. When in the vertical position, the pivot 19 is at the upper extremity of the slot 18 as shown in Fig. 3, so that the normal pull of the cord 12 only serves to clamp the two hinge clips together without rotative motion.

It is desired to call attention to the fact that the hinge clip 17 is formed with a downwardly projecting lip 22 which, when the clip is in the upright position of Fig. 3, overlaps the base of the clip 20 so as to prevent the clip 17 from being drawn along its slot 18, thus firmly locking the stand 13 in the upright position.

While a specific form of the improvement has been described and illustrated herein, it is desired to be understood that the same may be varied, within the scope of the appended claims, without departing from the spirit of the invention.

Having thus described the invention, what is claimed and desired secured by Letters Patent is:—

1. A foldable hinge construction for an electric iron cord support comprising: an angle plate member having a horizontal base portion for attachment to a supporting surface and a vertical portion projecting upwardly from one side of said base portion; a headed pivot pin projecting from the inner face of said vertical portion over said base portion; a vertical hinge plate lying against the inner face of said vertical portion and having a straight bottom edge normally resting on said base portion, said hinge plate hav-

ing an inclined, elongated slot for the passage of said pivot pin, said pivot pin being positioned adjacent one end of said base portion so that when one extremity of said slot engages said pin said hinge plate will lie against said base portion and when the other extremity of said slot engages said pin said hinge plate may rotate until its bottom edge extends vertically, said slot being inclined so that when said hinge plate is moved toward the rotative position said hinge plate will be lifted from said base portion; and means for attaching a vertically extending cord support member to said hinge plate.

2. In an electric iron cord support, an angle plate member having a horizontal base portion for attachment to a supporting surface and a vertical portion projecting upwardly from one side of said base portion; a headed pivot pin projecting from the inner face of said vertical portion over said base portion; a vertical hinge plate lying against the inner face of said vertical portion and having a straight bottom edge normally resting on said base portion, said hinge plate having an inclined, elongated slot for the passage of said pivot pin, said pivot pin being positioned adjacent one end of said base portion so that when one extremity of said slot engages said pin said hinge plate will lie against said base portion and when the other extremity of said slot engages said pin said hinge plate may rotate until its bottom edge extends vertically; a downward pro-

jection on said hinge plate for engaging one extremity of said base member to prevent the latter from moving to the rotative extremity of said slot; and means for supporting an iron cord from said hinge plate.

3. An electric iron cord support comprising: an angle plate member having a horizontal base portion for attachment to a supporting surface and a vertical portion projecting upwardly from one side of said base portion; a headed pivot pin projecting from the inner face of said vertical portion over said base portion; a vertical hinge plate lying against the inner face of said vertical portion and having a straight bottom edge normally resting on said base portion, said hinge plate having an inclined, elongated slot for the passage of said pivot pin, said pivot pin being positioned adjacent one end of said base portion so that when one extremity of said slot engages said pin said hinge plate will lie against said base portion and when the other extremity of said slot engages said pin said hinge plate may rotate until its bottom edge extends vertically; said hinge plate having a right angularly turned portion and having a lower edge extending at right angles to the straight bottom edge; said lower edge extending below said bottom edge to engage one extremity of said base portion; and means for attaching an electric iron cord supporting member to said hinge plate.

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