June 7, 1960 E. E. ELLISTON 2,939,667

SADIRON HOLDER

Filed Sept. 29, 1958

Fig. 1

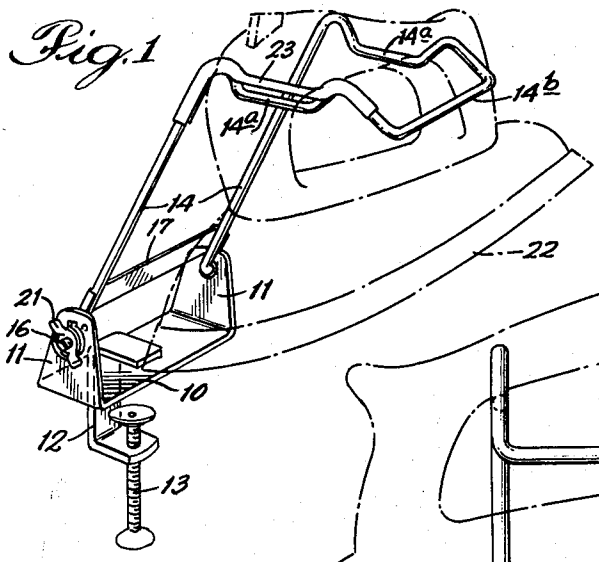


Fig. 2

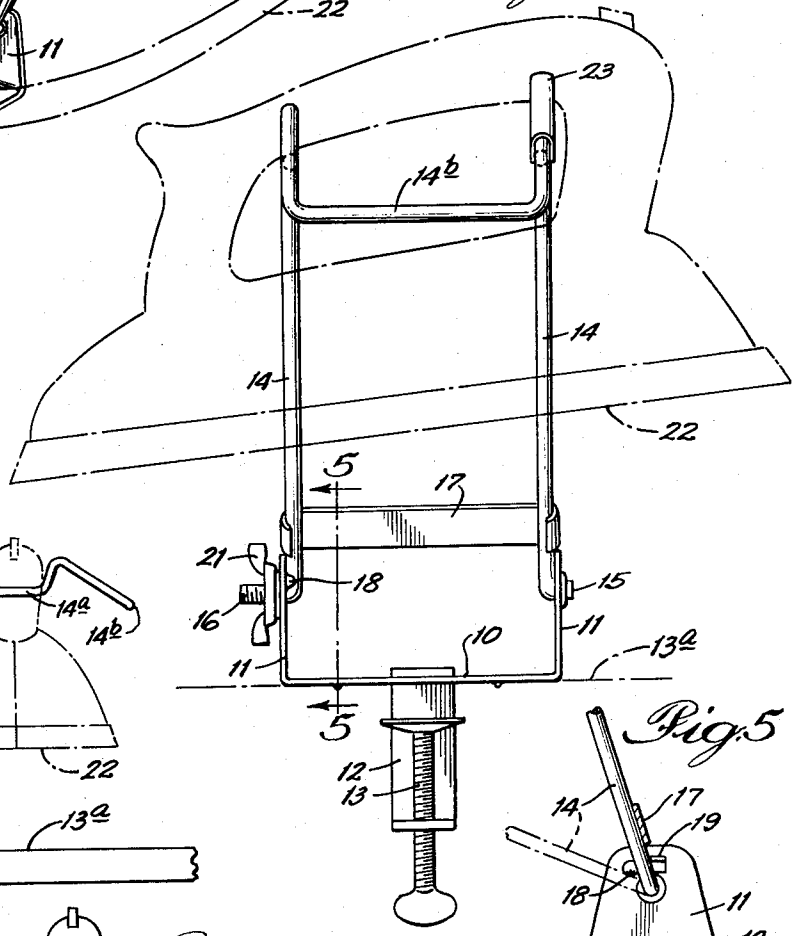


Fig. 3

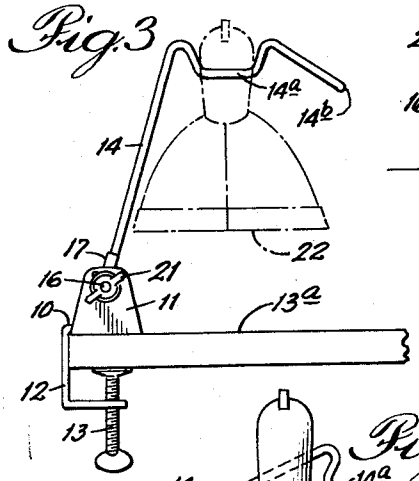


Fig. 4

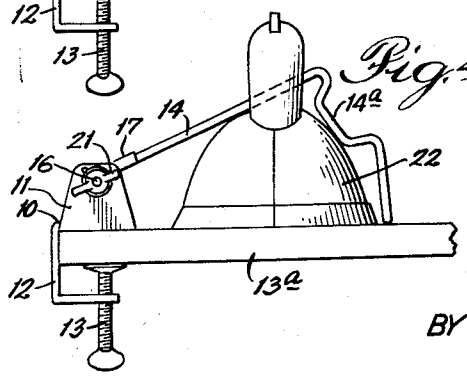
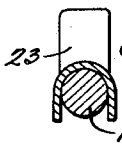


Fig. 5

Fig. 6



INVENTOR:
Edward E. Elliston,
BY Dair Freeman & Molinare
ATTORNEYS.

United States Patent Office 2,939,667 Patented June 7, 1960

2,939,667

SADIRON HOLDER

Edward E. Elliston, Halicki Mfg. Co., 4546 W. 47th St., Chicago, Ill.

Filed Sept. 29, 1958, Ser. No. 764,012

3 Claims. (Cl. 248—117.7)

This invention relates to a sadiron holder and more particularly to a holder attachable to an ironing board to hold the iron suspended above the board for resting it during an ironing operation or to hold it tightly on the board for storage.

In ironing with a sadiron it has been customary to provide a heat resistant pad or plate on the ironing board on which the iron can be rested during an ironing operation.

Upon completion of the ironing operation it has been customary to remove the iron from the board to a place of storage and to fold and store the ironing board separately from the iron.

It has been proposed heretofore to provide iron holders which serve both as a rest for the iron during an ironing operation and to hold the iron either on the board or in a separate place for storage at the end of an ironing operation. Such devices, as heretofore proposed, have been relatively complex and expensive and inconvenient to use.

It is therefore one of the objects of the present invention to provide a sadiron holder which is extremely simple and inexpensive to manufacture and is easy to use and which holds the iron spaced from the ironing board to rest it during an ironing operation and clamps the iron securely to the board for storage therewith.

Another object is to provide a sadiron holder in which a pivotally mounted arm is movable to one position to receive and hold an iron spaced relative to a board thereby to rest the iron during an ironing operation and to a second position to clamp the iron securely to the board for storage.

According to a feature of the invention, the arm is formed of a U-shaped length of wire pivotally mounted at the free ends of the legs of the U to a base member which is clamped to the ironing board and with the free end of the arm bent laterally and offset to define recesses to receive the handle of the iron. A clip may be detachably mounted on one arm of the U-member in registration with the recessed portion to provide an elevated iron supporting surface at one end of the iron either to level the iron or to hold one end tilted slightly upward to prevent spillage of water, in the case of a steam iron.

According to another feature the arm is pivoted between sheet metal ears on the base member and rides over the projection on one of the ears during pivotal movement with means being provided to draw the ear and arm together to hold the arm securely in either of its pivoted positions.

The above and other objects and features of the invention will be more readily apparent from the following description when read in connection with the accompanying drawing, in which:

Figure 1 is a perspective view of an iron holder embodying the invention with an iron held thereon being illustrated in dot-dash lines;

Figure 2 is an elevation similar to Figure 1 looking from the right of Figure 1;

Figure 3 is a side elevation illustrating the holder mounted on a board in ironing position;

Figure 4 is a view similar to Figure 3 showing the holder in clamping position;

Figure 5 is a partial section on the line 5—5 of Figure 2; and

Figure 6 is a partial section illustrating mounting of the clip member.

The iron holder, as shown, comprises a base formed of a sheet metal strip having a flat bottom portion **10** to rest on the upper surface of an ironing board with upwardly bent ears **11** at the opposite ends thereof. A U-shaped strip **12** is secured, as by welding, at one end to the base **10** and at its other end has a screw member **13** threaded thereto. In mounting the base member on an ironing board, as shown at **13***a* in Figures 3 and 4, the base **10** is rested on the upper surface of the ironing board at one end thereof and the screw **13** is tightened to engage the bottom of the board and clamp the base securely thereon with the ears **11** projecting up from the top surface of the board.

An arm is pivotally mounted on the base and, as shown, is preferably formed of a strip of wire bent into a generally U-shape to provide straight parallel leg portions **14** which are turned outwardly at their ends to define pivot pins **14***a* and **14***b* extending pivotally through openings in the ears **11** respectively. The legs **14** of the U member are bent laterally toward the free end and are offset, as indicated at **15**, to define recesses opening upwardly when the arm is in elevated position to receive the handle of an iron. The outer ends of the legs **14** of the U member are joined by a cross member **16** and may be connected adjacent to the base by a cross strip **17** welded or otherwise secured thereto to reinforce and brace the arm construction.

The arm is adapted to be swung between an upper position, as shown in Figure 3, and a lower clamping position, as shown in Figure 4. To define these positions positively and accurately, one of the ears **11** is formed with an inwardly extending projection **18** which may be formed by pressing inward a sheet metal of the ear and over which the adjacent leg of the arm rides during pivotal movement from one position to another. Preferably, the upper position of the arm is limited by a stop **19** formed by pressing out a small lug from the metal of the ear. When the arm is in its upper position, the leg **14** thereof adjacent to the projection **18** will lie between the projection **18** and the stop **19**, as shown in Figure 5. When the arm is in its lowered clamping position, it will lie beneath the projection **18**, as shown in dotted lines in Figure 5.

In order to hold the arm securely in either of two desired positions, the pivot pin **14***a* is threaded, as best seen in Figure 2, and a wing nut **21** is threaded thereon. When the wing nut is tightened with the arm in either of its positions it will draw the adjacent ear **11** tightly against the arm so that they cannot separate thereby to allow the arm to pass over the projection **18**. In this manner the arm is securely locked in either its upper operative position or its lower clamping position. When the wing nut is loosened the arm can be moved to ride over the projection **18**, the ear and/or the arm springing apart at this time to permit movement of the arm.

In use the base may be clamped to the end of an ironing board, as shown in Figures 3 and 4, and the arm may be raised to its elevated position shown in Figure 3, the wing nut **21** being tightened to lock the arm securely in this position. At this time, an iron, as indicated in dotted lines at **22**, may be supported in spaced relation to the ironing board by slipping the handle of the iron over the laterally offset end of the arm until the iron handle rests in the recesses provided by the offset portions **15**. The

length of the arm is such that the iron will be held spaced a short distance above the ironing board so that scorching of the ironing board will be prevented. The recesses will prevent accidental dropping of the arm, but are relatively shallow and are joined to the remainder of the arm by angling portions of the iron so that the iron can very easily be placed in its supported position on the arm, shown in Figure 3, and can easily be lifted from the arm for use.

In some cases, it is desirable to elevate one end of the arm either to compensate for angling of the handle or to raise one end of the arm to prevent spillage of water in the case of a steam iron. For this purpose, a clip, indicated generally at **23**, is provided which may be clamped on to one leg of the U-shaped arm in registry with the recesses to provide an elevated supporting surface. The clip is preferably formed of sheet metal of U-shape cross section, as seen in Figure 6, of a size to fit relatively tightly over the wire arm. As best seen in Figure 1, the clip is offset in its central portion to provide a shallow recess overlying the recess in the arm itself and to provide a slightly elevated supporting surface for the iron. With the clip in place, when an iron is placed on the arm, as shown in Figure 2, one end thereof will be slightly elevated with respect to the other end so that water contained within the iron will not spill therefrom, as may occur with certain types of steam irons if the front end is allowed to tilt below the rear end.

At the completion of an ironing operation and after the iron has remained in the suspended position shown in Figure 3 for a sufficient length of time to cool the wing nut **21** may again be loosened and the iron may be pressed downward against the board, as shown in Figure 4. This operation will swing the arm downward until the free end **16** thereof engages the board, at which time the arm clamps the iron tightly against the board. The wing nut **21** may then be tightened again to hold the arm securely in its holding position and the board may be folded with the iron secure thereon for storage.

It will be seen that the iron holder of the present invention is extremely simple in its construction and operation and provides an effective rest for the iron during an ironing operation as well as an efficient clamp to hold the iron on the board for storage.

While one embodiment of the invention has been shown and described in detail, it will be understood that this is illustrative only and is not to be taken as a definition of the scope of the invention, reference being had for this purpose to the appended claims.

What is claimed is:

1. A sadiron holder comprising a base, means on the base to secure it to an ironing board, an arm formed of a generally U-shaped length of wire having the free ends of its legs pivoted on the base on an axis parallel to the ironing board, the arm being bent laterally adjacent to its free end and formed with recesses in the laterally bent end portions of its legs to receive the handle of an iron, and locking means to hold the arm on the base in one position in which the arm projects upward from the board to receive the handle of an iron in the recesses and support the iron above the board or in a second position in which the arm extends through the opening in an iron handle with the laterally bent end adjacent to the board to hold the iron on the board.

2. The sadiron holder of claim 1 including a clip fitting detachably on one leg of the arm in registry with the recess therein and spaced thereabove to provide a higher support for the iron handle at one end thereof than at the other.

3. A sadiron holder comprising a sheet metal base having upwardly projecting spaced parallel sheet metal ears thereon, means on the base to secure it to an ironing board with the ears projecting outwardly from one side of the board, an arm between the ears having oppositely projecting aligned pivot pins fitting pivotally in openings in the ears respectively, the arm having a laterally bent over end portion formed with a recess to receive the handle of an iron and being movable from one position in which the bent over end portion is spaced from and generally parallel to the board to a second position in which the bent over end portion engages the board, an inward projection on one of the ears over which the adjacent side of the arm rides in moving from said one position to said second position, said one ear and the adjacent portion of the arm flexing away from each other as the arm rides over the projection, and means for drawing said one ear and the arm tightly together to hold the arm against pivoting relative to the base.

References Cited in the file of this patent

UNITED STATES PATENTS

1,110,190 Dodge ---------- Sept. 8, 1914