Dec. 5, 1950 S. KRAVITZ 2,532,848

IRON HANGER

Filed May 9, 1949

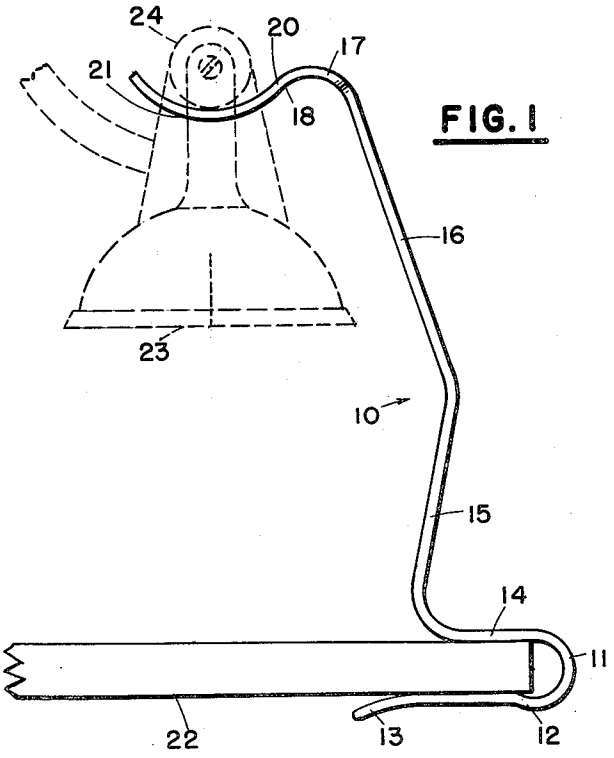


FIG. 1

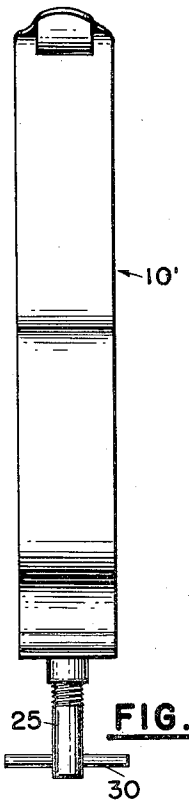


FIG. 2

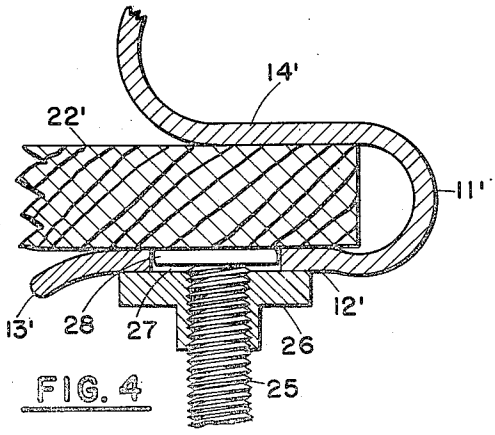


FIG. 4

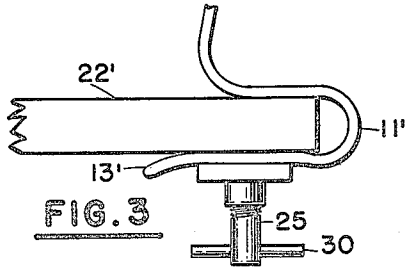


FIG. 3

Inventor

SAMUEL KRAVITZ

By Gustave Miller.

Attorney

Patented Dec. 5, 1950 2,532,848

UNITED STATES PATENT OFFICE

2,532,848

IRON HANGER

Samuel Kravitz, Washington, D. C.

Application May 9, 1949, Serial No. 92,151

1 Claim. (Cl. 248—117.1)

1

This invention relates to an iron hanger and has for an object to provide an improved self-clamping iron hanger especially arranged to attach itself to the edge of an ironing board and support the iron above the board out of contact therewith while it is hot, both during the ironing operation and afterward when the iron is left to cool so as to eliminate danger of fire damage by a hot iron.

A further object of this invention is to provide a safe resting place for placing a hot iron while performing other necessary operations during ironing, such as removing the finished work and placing new work in position on the ironing board.

A further object of this invention is to provide an improved self-clamping iron hanger which may be made of a single piece of strap metal curved to the proper shape, and which may be attached to and left in position on the ironing board indefinitely, or which may be removed easily at any time, and which needs no tools for either positioning or removing the hanger.

A further object of this invention is to provide a one piece iron hanger which may, if desired, have a clamping bolt added thereto for use particularly where the ironing board may be of other than conventional thickness, which clamping bolt, however, is so located that it will not interfere with the self-clamping operation when used on a conventional ironing board.

Still a further object of this invention is to provide a one piece self-clamping iron hanger which may be simply and inexpensively manufactured of strap metal or plastic strap material by a simple stamping or molding operation, and which may be made of any suitable plastic or of metal, both of the ferrous and the non-ferrous kinds.

Other additional objects will more fully appear from the following description, and that the invention may be more fully understood, reference is had to the accompanying drawing forming a part of the present description and illustrating a preferred embodiment of the invention, in which:

Figure 1 is an elevational view, showing one form of this invention in operative position.

Figure 2 is a view at right angles to Figure 1, showing a modified form.

Figure 3 is a fragmentary view of the clamp of Figure 2, and

Figure 4 is a sectional view of the clamp of Figure 2.

There is shown at 10 the self-clamping iron holder of this invention. This holder 10 consists of a single piece of suitably shaped strap

2

metal or plastic material and includes a clamping foot 11 shaped like a U on its side, a lower leg 12 of the U foot 11 terminating in an outwardly flared lip 13, and an upper leg 14 of the U foot 12 merging into an upstanding arm 15 which extends somewhat forwardly at 16 and then bends forwardly at 17 into a narrowed, hollow hook 18, the hook 18 dipping downwardly at 20 and then upwardly at 21. The metal or plastic of the holder 10 is such that it will have a slight amount of resiliency, and practically any strap metal meets this requirement, such as iron, steel, copper, aluminum or its numerous alloys. The width of the opening in the U foot 11 is such that it is slightly less than the thickness of a conventional ironing board, including the conventional pad, while the lip 13 flares out sufficiently that, when the holder 10 is held in one hand by the upstanding arm 15, the lip 13 guides the foot 11 as it is pushed over the edge of the ironing board 22, to clamp itself in position thereon, ready to receive and support the iron 23 thereon by means of its handle 24, as shown in Figure 1.

As most ironing boards are of a similar conventional thickness, the U clamping foot is made appropriate thereto. If, however, the iron hanger is to be used with a board of other than conventional thickness, either occasionally or continuously, then the form 10' shown in Figures 2, 3 and 4 may be used. This form 10' is substantially identical with that shown at 10, but has a clamping bolt 25 threaded through a nut 26 which is welded or otherwise secured across an aperture 27 cut in the leg 12' of the U foot 11', which also has a flared lip 13'.

Conventionally secured on the end of the bolt 25 within the aperture 27 is a pad 28 which may be advanced into contact with the bottom of the ironing board 22' to thereby cooperate with the top leg 14' of the U clamp foot 11' and firmly support the hanger 10'. A cross pin 30 acts as a handle to facilitate tightening or loosening the bolt 25. When used on an ironing board of conventional thickness, the bolt 25, if left in its fully contracted position with the pad 28 countersunk within the aperture 27, is not needed to secure the holder to the board as it will be just as self-clamping as the form at 10. If, however, the board is less than the conventional thickness, then the bolt 25 is rotated to advance the pad 28 into clamping contact with the bottom of the board.

In operation, either form of iron hanger is self-clamping on a board of conventional thick-

ness. The U clamp foot 11 is merely pushed over the edge of the board at the desired location, and it is ready to receive the handle 24 of the iron 23 thereon. If the board is not thick enough, the U clamp foot 11 of the form 10 could be bent closer, if desired, but, preferably, the form 10' would be used, and bolt 25 would be advanced into clamping contact. Either form may be left in position indefinitely, or may be obviously easily removed at any time when desired.

It is possible that various changes and modifications may be made in my invention without departing from the spirit and scope thereof, and I do not wish to be understood as limiting myself to the specific construction nor the specific uses therein described.

I claim:

An iron supporting hanger consisting of a one piece strap member comprising a self-clamping foot shaped like a U, a lip flaring downwardly from the lower leg of the U, an arm integrally extending upwardly from the upper leg

of the U and bent outwardly from the U, and an iron handle receiving hook integrally extending forwardly from said arm, the minimum width of the mouth of said U being slightly less than the usual thickness of an ironing board whereby said flaring lip guides it into self-clamping position on an ironing board of usual thickness.

SAMUEL KRAVITZ.

REFERENCES CITED

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

UNITED STATES PATENTS

Number	Name	Date
561,245	Wagner	June 2, 1896
1,565,295	Shipp	Dec. 15, 1925

FOREIGN PATENTS

Number	Country	Date
95,493	Switzerland	of 1922