J. A. LARSON.

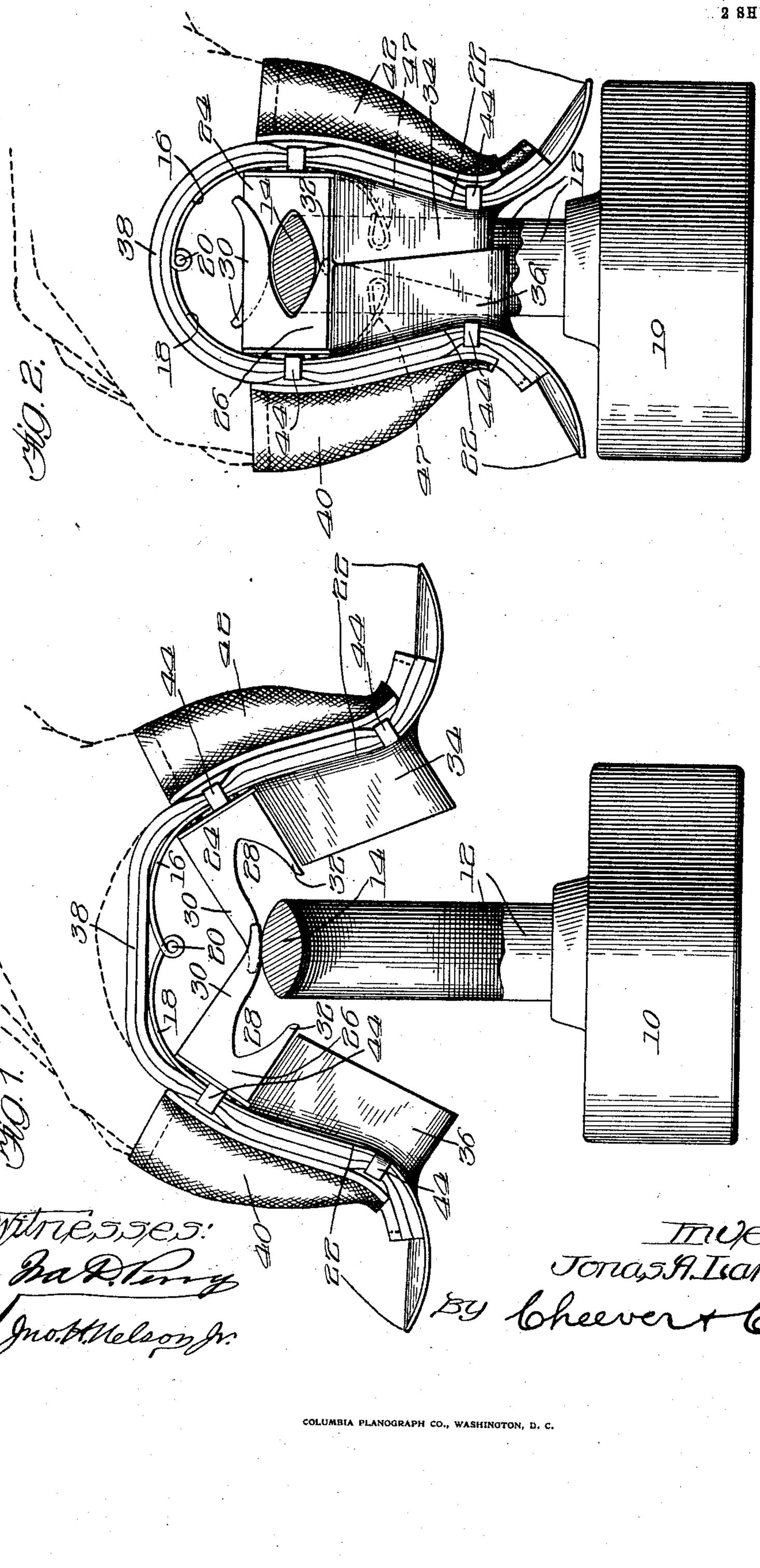
DUCK OR FLAT IRON HOLDER.

APPLICATION FILED OCT. 7, 1910.

997,565.

Patented July 11, 1911.

2 SHEETS—SHEET 1.



COLUMBIA PLANOGRAPH CO., WASHINGTON, D. C.

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2 SHEETS—SHEET 2.

Fig. 3.

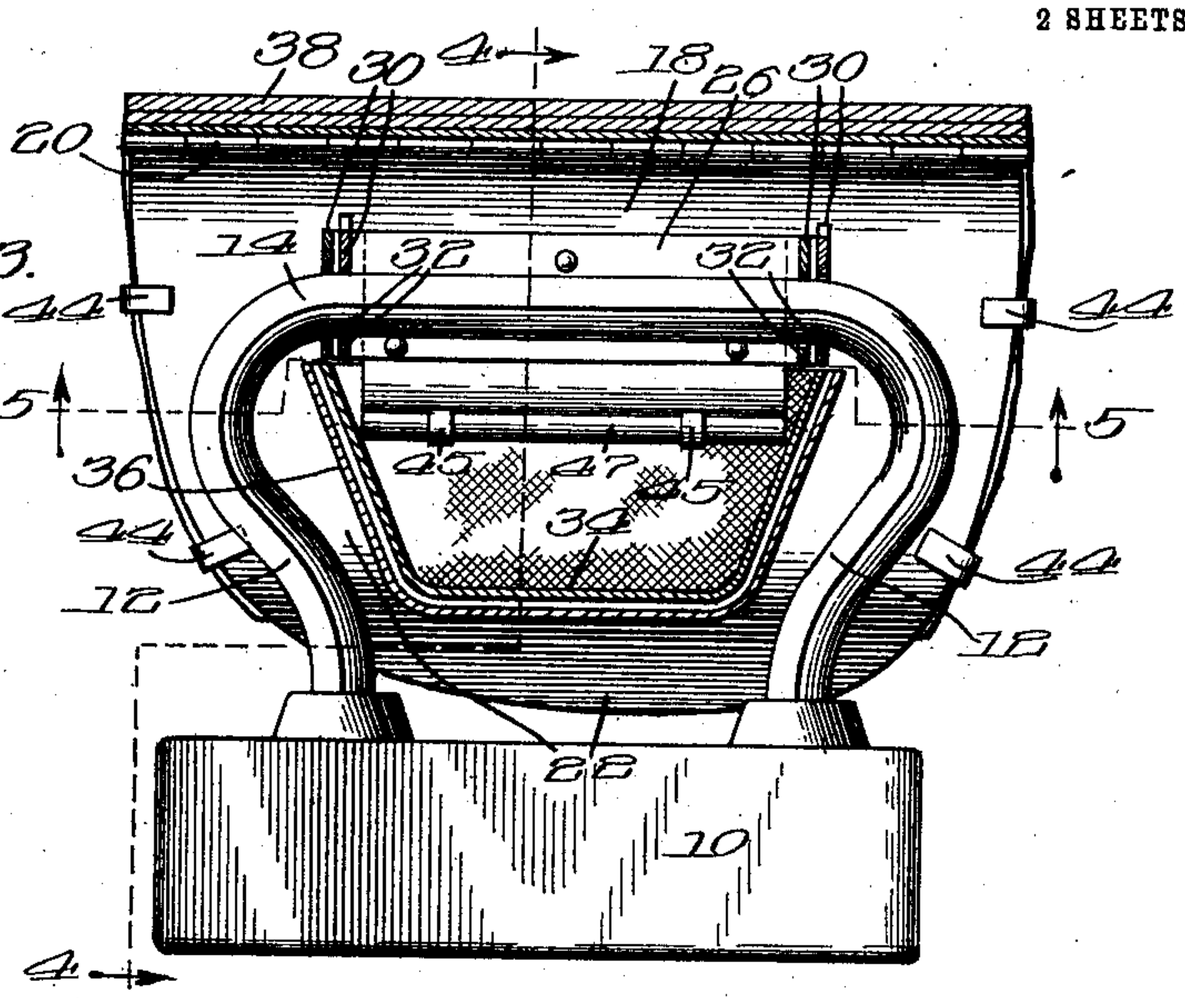


Fig. 4.

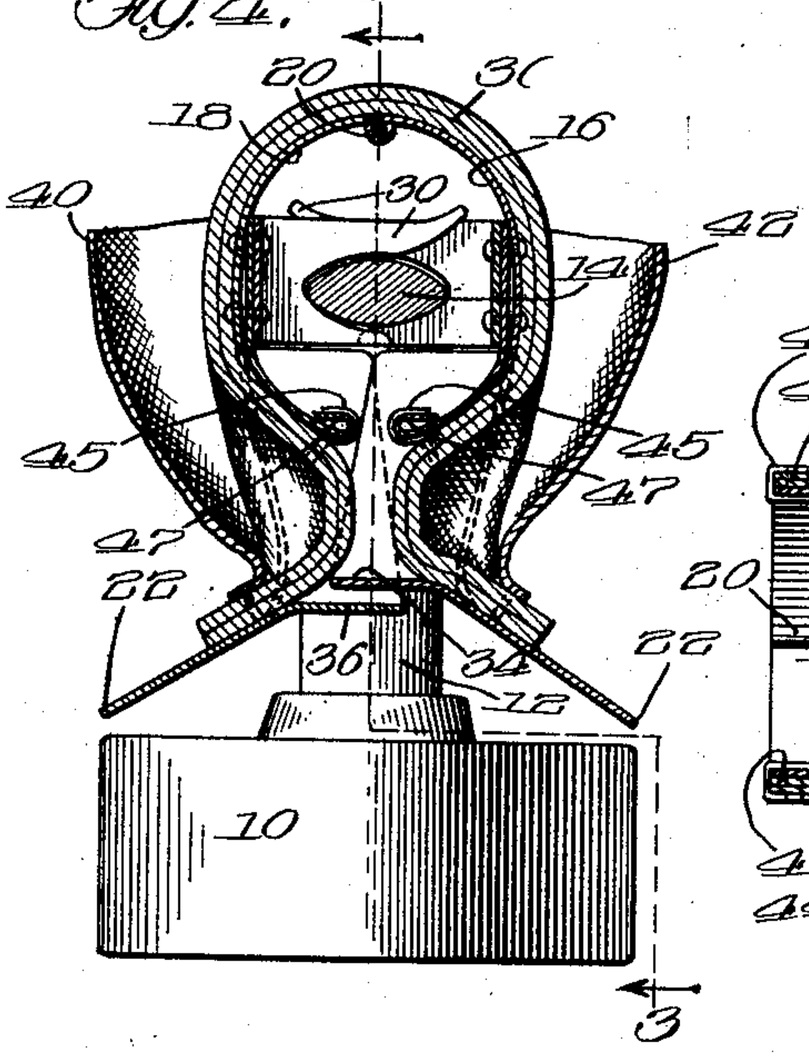
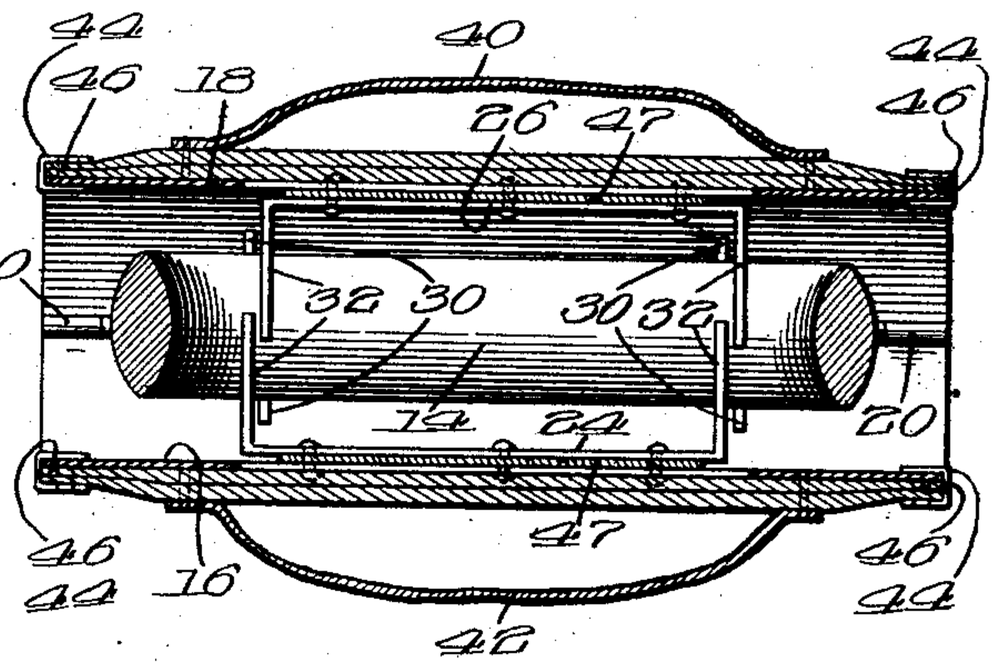


Fig. 5.



Witnesses:

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By Cheever & Cox

Att'ys.

COLUMBIA PLANOGRAPH CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

JONAS A. LARSON, OF CHICAGO, ILLINOIS.

DUCK OR FLAT-IRON HOLDER.

997,565. Specification of Letters Patent. **Patented July 11, 1911.**

Application filed October 7, 1910. Serial No. 585,767.

To all whom it may concern:

Be it known that I, JONAS A. LARSON, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Duck and Flat-Iron Holders, of which the following is a specification.

This invention relates to gripping devices for use in enabling the workman to take hold of a hot duck or flat iron or other heated object without burning his hands.

The object of the invention is to provide such a device which can be grasped by the user while keeping his hand in a comfortable position, and in which all parts of the hands of the user are protected from contact with any part of the flat iron.

The invention comprises a device of this character which can be easily and cheaply made and efficiently used without being liable to get out of order, in which the holding member is made of two parts hinged together in such a way that they may be moved between open and closed position, in the former position clearing the iron, in the latter position grasping the handle while keeping all parts of the user's hands away from hot parts of the iron and handle; the device being provided with gripping members which engage the handle of a flat iron without transmitting an undue amount of heat from said handle to the hand of the operator grasping the device.

A further object of the invention is to provide such a device which can be covered with removable nonheat transmitting material, such as asbestos, heavy cloth, or the like, said covering material being very easily attached and detached from the metallic portions of the holding member proper and when in position conforming closely to the surface of the holder.

The invention further comprises other details of construction which will be hereafter more fully described and claimed.

Referring to the drawings, in which similar numerals indicate similar parts throughout the several views; Figure 1 is an end view of a flat iron and an end view of the device of this invention in its preferred form in the position which it assumes in being applied to or removed from a flat iron handle. Fig. 2 shows the same parts as Fig. 1 in the position which they assume when the user has firmly grasped the flat iron handle. Fig. 3 is a central detail view taken on the irregular line 3—3 of Fig. 4. Fig. 4 is a vertical sectional detail view on the irregular line 4—4 of Fig. 3. Fig. 5 is an inverted plan view taken on the line 5—5 of Fig. 3.

Again referring to the drawings, the numeral 10 indicates the base or block of an ordinary "duck iron" used in the process of ironing washed linen, usually shirts. It should be understood that the device of this invention may be applied to any kind of a heated iron popularly known as a flat iron. Rising from this base 10 are the two upright members 12 supporting a horizontal handle member 14 of ordinary construction.

The holding device of this invention consists of metallic rigid portions made of two metallic members 16 and 18 hinged together at 20, as shown, each of the members 16 and 18 being formed in the reverse curves 22 partially surrounding but clearing the handle of the flat iron, as shown, so that when the parts are in the position shown in Fig. 2 they entirely clear the flat iron handle. Extending from the interior face of the member 16 at such a height and at such a distance apart as to grasp the handle member 14 of the flat iron are two projecting arms 24 and correspondingly projecting from the inner face of the member 18 and close to the members 24 are two corresponding members 26. The inner ends of these members 24 and 26 are provided with V shaped notches 28 forming fingers 30 and 32, as shown, adapted to pass, as clearly shown in the drawings, about the handle member 14 and securely hold it so that the flat iron may be lifted by a person grasping the device, as shown in Fig. 2, and thus also hold the device clear of all portions of the flat iron proper, thereby preventing the user burning his or her hand in using the device.

In order to more effectually secure the holder upon the flat iron the metal forming the half holder portions 16 and 18 is preferably stamped or pressed into the inwardly projecting trough shaped portions 34 and 36 meshing with each other, as clearly shown in Fig. 2, so that the fingers of the operator may enter the openings formed by these trough shaped members as much as may be necessary to secure a firm grip upon the holder without coming into contact with the flat iron handle 14. These members also

protect the hand of the user from the heat radiated from the heated body of the iron. While the metallic holder thus constructed is more or less effective without any covering device designed to retard the transmission of heat, it is desirable to cover the outside of the holder with a cloth blanket 38 provided with a finger pocket 40 and a thumb pocket 42, which may be made by any ordinary seamstress. This blanket is secured to the holding device proper by clips 44 sewed to the edge of the cloth blanket by threads 46 and then bent around the edges of the half holder members 16 and 18, as shown. This blanket is also secured inside the trough shaped members by other clips 45 or the cloth bent around the edges 47 of metallic strips secured to the inner sides of the holder.

In the operation of the device, the operator takes hold of it in the manner which is entirely obvious from an examination of Fig. 1, places it in the position therein shown upon the flat iron handle 14 which is to be grasped. He then closes the holding device by moving its parts from the position shown in Fig. 1 to that shown in Fig. 2, in which position teeth 30 and 32 grasp the handle 14 and the ends of the trough shaped members 34 and 36 pass by each other, thereby thoroughly securing the holding device upon the handle of the flat iron while entirely clearing the flat iron base 10. When it is desired to change the flat iron or to leave it upon the stove for reheating the operator simply reverses the movement; that is to say, moves the parts from the position in Fig. 2 to that of Fig. 1, in which position the holding device can obviously be removed from the flat iron. If at any time it is desired to change the blanket on the outside of the device this can be done by simply bending up the holding clips 46 and 45 referred to, and then putting on a new blanket provided with corresponding clips 45 and 46 and bending down the said clips 45 and 46. It may be noted that by using the jaws 30 and 32 at one end of the iron only to grip a portion of the handle of the flat iron the operator can use the device to pull a hot iron off the fire to a position where it can be grasped, as above described, instead of using inconvenient sticks or iron pokers.

The claims are:—

1. A holder for use in grasping a flat iron handle, comprising two hinged parts adapted to move between two positions, one closed about the flat iron handle with which the device is to be used but entirely clear of said flat iron and flat iron handle, the other position open to a sufficient extent so that it may be removed entirely away from the flat iron, projecting arms upon the insides of the hinged portions of the holder having notches in their ends registering with each other and adapted to engage the handle of said flat iron, whereby the two hinged parts are held clear of the flat iron handle, as and for the purposes set forth.

2. A flat iron holder comprising two metallic members 16 and 18 hinged together, intermeshing arms 24 and 26 extending from the metallic members, each of said arms 24 and 26 provided with inwardly projecting fingers 30 and 32 adapted to grasp the handle of the flat iron with which the device is to be used, inwardly projecting trough like members 34 and 36 extending from said members 16 and 18 adapted to intermesh with each other in the space between the supports of the flat iron handle and the handle proper and thus protect the hands of the operator from the heated body of the flat iron with which the device is to be used.

3. A flat iron holder comprising two metallic members 16 and 18 hinged together, intermeshing arms 24 and 26 extending from the metallic members, each of said arms 24 and 26 provided with inwardly projecting fingers 30 and 32 adapted to grasp the handle of the flat iron with which the device is to be used, inwardly projecting trough like members 34 and 36 extending from said members 16 and 18 adapted to intermesh with each other in the space between the supports for the flat iron handle and the handle proper and thus protect the hand of the operator from the heated body of the flat iron with which the device is to be used, a supplemental protecting blanket upon the outside of the metallic members and means for detachably securing said blanket to said members 16 and 18, as and for the purposes described.

In witness whereof, I have hereunto subscribed my name in the presence of two witnesses.

JONAS A. LARSON.

Witnesses:
DWIGHT B. CHEEVER,
MARGARET D. ROBB.