Dec. 17, 1935. A. S. KNAPP 2,024,371

ADJUSTABLE THUMB REST FOR SADIRONS

Filed June 18, 1935

Fig. 1.

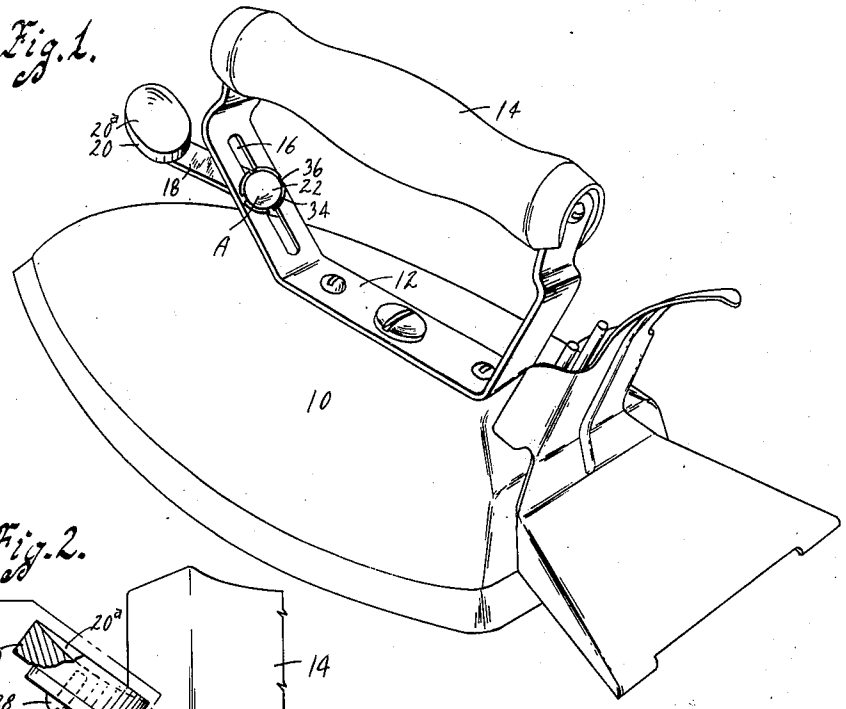


Fig. 2.

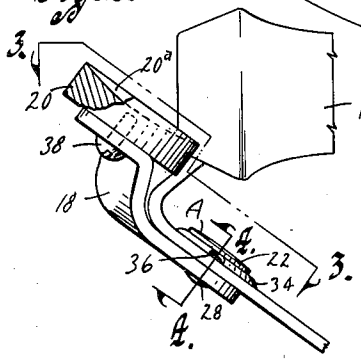


Fig. 3.

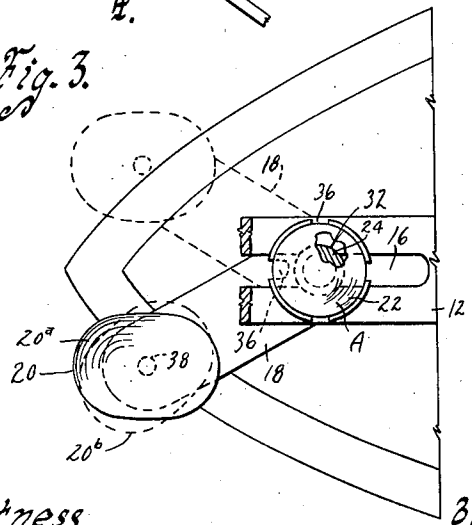
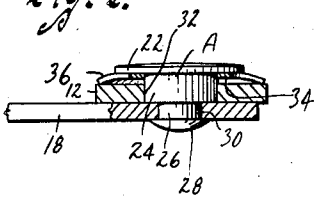


Fig. 4.



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ADJUSTABLE THUMB REST FOR SADIRONS

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Application June 18, 1935, Serial No. 27,191

9 Claims. (Cl. 68—26)

An object of my invention is to provide in combination with the handle of a sadiron a thumb rest of simple, durable and inexpensive construction which is readily adjustable to either the left or right side of the handle to accommodate either right or left handed users of the iron and which is adjustable to different distances spaced from the handle to suit the convenience of the user and to better fit the handle to the size of the user's hand.

A further object is to provide in combination with a sadiron having a handle yoke and a handle, an adjustable thumb rest comprising a bracket frictionally pivoted to the handle yoke and having a thumb rest button thereon.

A further object is to form the button with an oval concave surface to conveniently fit the thumb and to pivot it relative to the bracket so that it can be swung to the most comfortable position to suit the user.

A further object is to provide means for positively retaining the thumb rest button in the desired pivotal position relative to the bracket.

With these and other objects in view my invention consists in the construction, arrangement and combination of the various parts of my device, whereby the objects contemplated are attained, as hereinafter more fully set forth, pointed out in my claims and illustrated in the accompanying drawing, in which:

Figure 1 is a perspective view of a sadiron to which my invention is applied.

Figure 2 is an enlarged side elevation of the front of the handle yoke and handle with my invention applied thereto, the parts being shown on an enlarged scale.

Figure 3 is a plan view partly in section on the line 3—3 of Figure 2; and

Figure 4 is a still further enlarged sectional view on the line 4—4 of Figure 2 showing the frictional pivot mounting for the thumb rest.

On the accompanying drawing I have used the reference numeral 10 to indicate generally a sadiron. The handle yoke thereof is indicated at 12 and the handle at 14. My invention is applicable to either a non-ventilated handle yoke or one which is ventilated as by a slot 16. In a non-ventilated handle yoke, the thumb rest in secured in position relative to the handle yoke by providing an opening within the handle yoke through which a pivot pin or stud A may be secured.

The thumb rest itself comprises a bracket 18 and a thumb rest button 20. The bracket 18 is pivotally mounted relative to the handle yoke 12 by a pivot pin or stud A. The stud A comprises a head 22, an enlarged shoulder part 24, a reduced riveting part 26 and a head 28. The portion 26 is projected through a perforation 30 at one end of the bracket 18 and the head 28 is then riveted so as to rigidly connect the pivot stud A relative to the bracket 18 with the shouldered portion 24 tightly engaging the upper surface of the bracket.

The enlarged portion 24 is pivoted relative to a pair of enlarged arc shaped portions 32 which I have provided in opposite sides of the slot 16. Thus pivotal movement is provided without any possibility of longitudinal movement of the stud A relative to the slot 16.

A washer 34 is provided which is mounted between the head 22 and the handle yoke 12. This may be a cupped washer of spring steel or the like having its periphery notched as indicated at 36 in the usual manner for friction washers.

The thumb rest button 20 has its upper surface, as indicated at 20a, concave and the button is preferably oval in shape, the concave portion likewise being oval. The button 20 is pivotally mounted on the bracket 18 by a screw 38 which may be tightened to retain the button against pivotal movement.

Practical operation

In the operation of my thumb rest, the bracket 18 may be swung to position as shown in Figure 1 and the button 20 adjusted to the position shown for the convenience of a right handed user of the iron 10. If the button is too close to the handle 14 or too far from it, it may be adjusted away from or toward the handle by merely swinging the bracket on its pivotal mounting A, the spring washer 34 retaining it in the desired position to which it has been adjusted.

It can be adjusted to the dotted position of Figure 3 for a left handed user.

It is usually desirable to adjust the button 20 so that its major axis is substantially parallel to the handle 14 although it can be aligned with the bracket 18 or retained in any other position such as shown dotted at 20b in Figure 3.

It is a comparatively simple matter to adjust the button toward or away from the handle, without the use of any tools, this being an adjustment which would ordinarily be used much more than adjustment of the button 20 relative to the bracket 18. My invention provides an improvement over irons having thumb rests which are stationary relative to the handle yokes and which therefore cannot be used by left

handed users when desired and which cannot be adjusted to fit hands which are larger or smaller than the average.

Some changes may be made in the construction and arrangement of the parts of my device without departing from the real spirit and purpose of my invention, and it is my intention to cover by my claims any modified forms of structure or use of mechanical equivalents which may be reasonably included within their scope.

I claim as my invention:

1. In combination with a sadiron having a handle yoke and a handle, a thumb rest pivoted to said handle yoke and swingable to either the right or left side of said handle yoke and means to retain the thumb rest in either of its positions.

2. In combination with a sadiron having a handle yoke and a handle, a thumb rest pivoted to said handle yoke and swingable to either the right or left side of said handle yoke, said thumb rest being frictionally held in either of said positions.

3. In combination with a sadiron having a handle yoke and a handle, a thumb rest pivoted to said handle yoke and swingable to either the right or left side of said handle yoke, said thumb rest including a pivotally mounted oval button having a concave upper surface and means for retaining the thumb rest in either of its positions.

4. In combination with a sadiron having a handle yoke and a handle, a thumb rest mounted on said handle yoke and movable to either the right or left side of said handle yoke and means to hold said thumb rest in either of its positions.

5. In combination with a sadiron having a handle yoke and a handle, a thumb rest mounted on said handle yoke and movable to either the right or left side of said handle yoke, and means to hold said thumb rest in either of said positions, said thumb rest including a bracket and a button having an oval concave portion, said button being pivotally mounted relative to said bracket for permitting its position with respect to said bracket to be adjusted when the thumb rest is either to the right or left of said handle yoke and means for retaining said button in its adjusted positions.

6. In combination with a sadiron having a handle yoke and a handle, a thumb rest pivoted to said handle yoke and swingable to either the right or left side of said handle yoke, means to retain said thumb rest in its adjusted positions, said thumb rest including a bracket and an oval button on its outer free end, said button being pivotally mounted relative to said bracket for permitting the button to assume adjusted positions when the thumb rest is adjusted.

7. In combination with a sadiron having a handle yoke ventilated by a slot therein and a handle, a thumb rest pivoted to said handle yoke and swingable to either the right or left side of said handle yoke, a portion of said slot in said handle yoke being enlarged, a pivot pin through said enlarged portion, said thumb rest being mounted thereon and friction washer means to normally retain said thumb rest against swinging movement relative to said handle yoke.

8. In combination with a sadiron having a handle yoke and a handle, a thumb rest comprising a bracket, an oval shaped thumb rest button pivotally mounted on one end thereof for permitting adjustment thereof with respect to said bracket and the other end of said bracket being carried by said handle yoke.

9. In combination with a sadiron having a handle yoke and a handle, a thumb rest comprising a bracket, a thumb rest button of greater length than width pivotally mounted on one end thereof for permitting adjustment thereof with respect to said bracket, the other end of said bracket being pivotally carried by said handle yoke for permitting swinging of the thumb rest to either the right or left of the handle yoke and means to retain said thumb rest in either its right or left position.

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