May 24, 1932. C. SPONSEL 1,859,317

BRANDING IRON

Filed Feb. 23, 1929

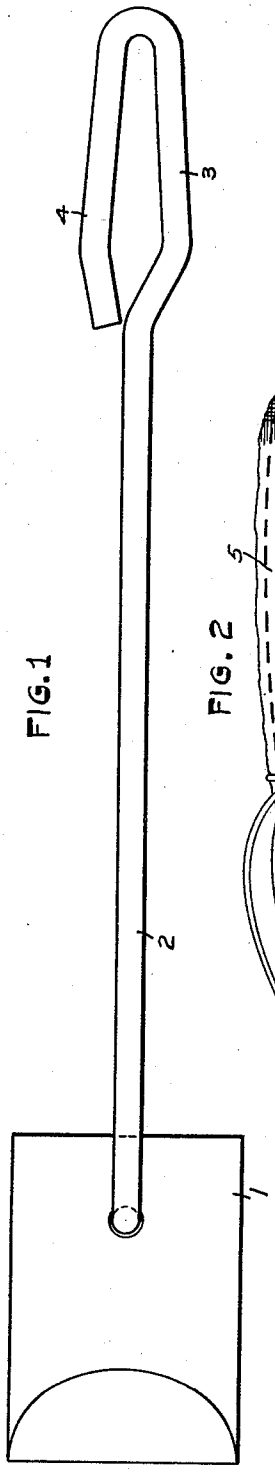


FIG. 1

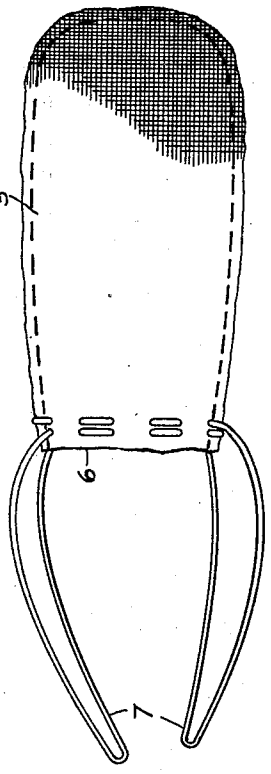


FIG. 2

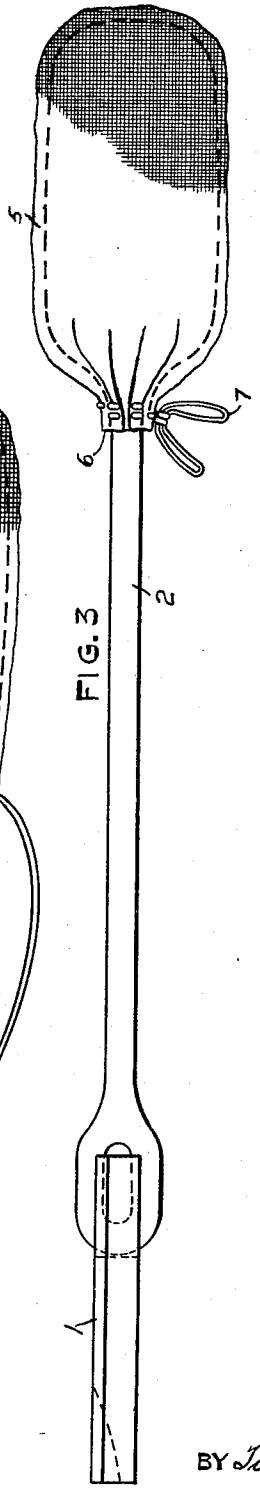


FIG. 3

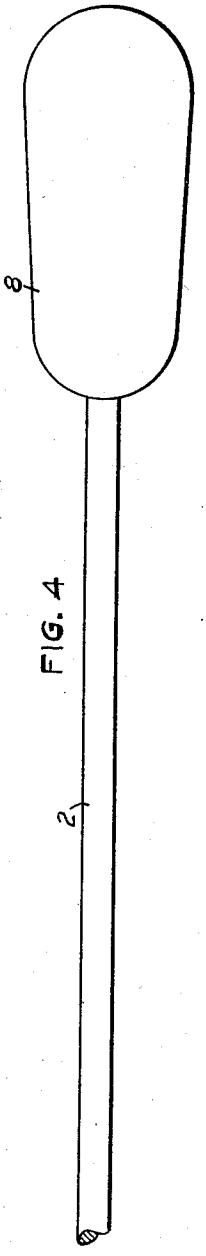


FIG. 4

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UNITED STATES PATENT OFFICE

CHARLES SPONSEL, OF MANCOS, COLORADO

BRANDING IRON

Application filed February 23, 1929. Serial No. 341,928.

My invention relates to branding irons and in particular to insulated handles therefor, and the method of applying such handles.

It is the object of my invention to provide a handle for a branding iron that will completely insulate the hand from the handle, and that may be easily applied on the range by using the same fire that has been built for heating the branding irons.

It is a further object to provide such a handle that the insulation will be so perfect that shorter branding irons may be employed, greatly facilitating the branding operation.

It is my object to provide a method of applying such a handle which may be readily carried out on the range if the insulated handle becomes broken or injured.

Referring to the drawings, Figure 1 is a side elevation of a branding iron and handle.

Figure 2 illustrates the forming bag.

Figure 3 shows the handle with the asbestos cement applied and held in position by the forming bag.

Figure 4 illustrates the iron handle with the asbestos cement handle molded thereon as it has been heated.

Referring to the drawings in detail, 1 indicates the branding iron carried by the handle 2. This handle is preferably bent into a wide loop at 3, having a return portion 4.

When it is desired to apply a heat-insulating handle to the iron handle 2, and in particular to the end members 3 and 4, I fill the bag 5, which is made of textile material, with the cement that is in plastic condition, insert the handle in the bag into the cement and draw the mouth of the bag 6 together with the drawing strings 7. This firmly molds the asbestos cement around the iron handle. I then insert the handle in the fire which I have built, which hardens the cement and burns away the bag. This leaves the molded hard asbestos cement handle 8 in position on the shaft 2 of the handle supporting the iron one.

Thus I have developed a cheap and readily replaceable heat insulating handle that may be readily applied on the range, as such handles frequently become broken, otherwise rendering the branding iron difficult for handling unless provided with such a handle. By having an insulated handle of this character I am enabled to employ a much shorter handle for the branding iron that greatly facilitates the branding of stock.

I desire to comprehend within my invention such modifications as may be clearly embraced within my claims and the scope of my invention.

Having thus fully described my invention what I claim is new and desire to secure by Letters Patent, is:

1. In a method of forming an insulated handle on a branding iron, inserting plastic asbestos cement in a bag, inserting the end of the handle into the cement within the bag and molding the cement around the handle by closing the bag.

2. In a method of forming an insulated handle on a branding iron, inserting plastic asbestos cement in a bag, inserting the end of the handle into the cement within the bag and molding the cement around the handle by closing the bag, inserting the end of the handle with the bag and cement into a fire, burning off the bag and transforming the asbestos cement into a hard molded mass to form the handle.

3. In a method of forming an insulated handle on a branding iron, forming an expanded end on one end of the handle, filling a bag with asbestos cement, inserting the handle in the bag, closing the bag to draw the cement around the handle and applying heat to the bag and asbestos cement for hardening the cement and removing the bag.

4. In a method of forming a handle on a bar, filling a bag with a plastic material, in-

serting one end of said bar in said bag of plastic material and applying heat to the bag and plastic material to harden the plastic material and remove the bag.

5. In a method of forming a handle on a bar, filling a bag with a plastic insulating material, inserting said bar in said bag and plastic material and applying heat to said bag and plastic material to harden the plastic material and remove the bag.

In testimony whereof, I affix my signature.

CHARLES SPONSEL.