

W. G. HARVEY.
SAD IRON CLEANER AND WAXER.
APPLICATION FILED JULY 16, 1912.

1,062,332.

Patented May 20, 1913.

Fig. 1.

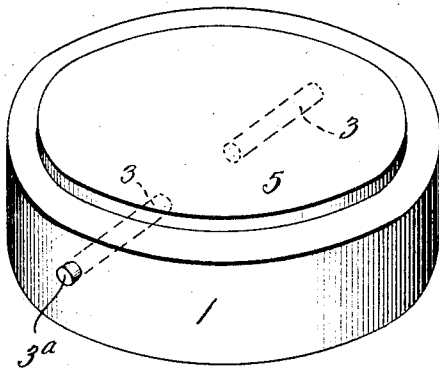


Fig. 2.

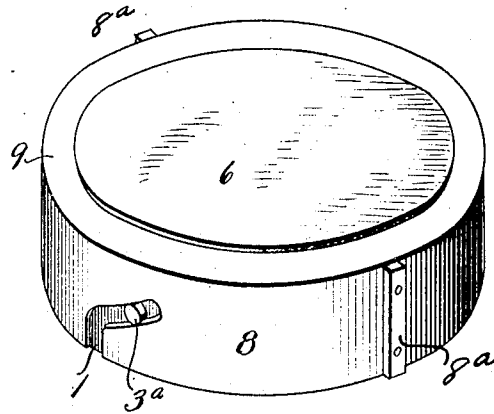


Fig. 3.

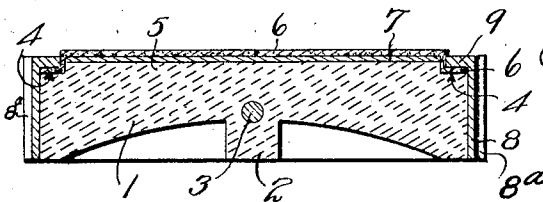
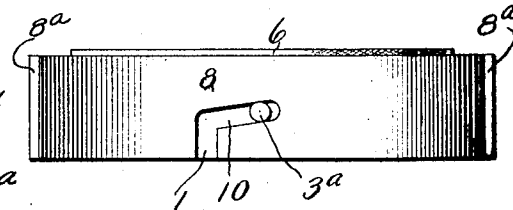


Fig. 4.



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UNITED STATES PATENT OFFICE.

WESLEY G. HARVEY, OF WELLSVILLE, NEW YORK.

SAD-IRON CLEANER AND WAXER.

1,062,332.

Specification of Letters Patent.

Patented May 20, 1913.

Application filed July 16, 1912. Serial No. 709,792.

To all whom it may concern:

Be it known that I, WESLEY G. HARVEY, a citizen of the United States, residing at Wellsville, in the county of Allegany and State of New York, have invented certain new and useful Improvements in Sad-Iron Cleaners and Waxers, of which the following is a specification.

This invention relates to an improved combined cleaner and waxer, designed to keep the ironing surface of a sad iron clean and in good working order.

To this end the invention has in view a simple and durable article that may be readily taken apart and assembled, and also to provide a combined sad-iron cleaner and waxer wherein the cleaning part is protected from the wax, when the hot iron is placed on the waxed fabric.

With these and other objects in view, the invention consists in the novel combination and arrangement of parts as will more fully appear as the description of the case proceeds.

Referring to the accompanying drawings—Figure 1 is a perspective view of the body block ready to be used as a cleaner. Fig. 2 is a perspective view of the assembled device ready to be used as a waxer. Fig. 3 is a cross section through the complete waxer and cleaner. Fig. 4 is a side elevation.

Like reference characters designate corresponding parts in the several figures of the drawing.

Referring to the several figures of the drawing the numeral 1 designates a molded body block that is preferably round in form and made of cement or other plastic material that is capable of being molded. The underside of the block is partially dished out so as to provide finger space for grasping a transverse rib 2 that serves as a handle for the said block. Embedded in the body material are metal reinforce bars 3 that present diametrically opposite projecting ends 3^a which perform a function herein-after referred to. When the block is molded an annular depression is made on the edge of the upper side forming a seat 4, and consequently leaving a raised central portion 5 that may be surfaced with emery powder or other suitable abrasive material. The raised central abrasive portion 5 has fitted over the top thereof a cotton or equivalent fabric 6 which fabric also covers the entire

top of the body block. In order to protect the abrasive surface 5, a protecting plate 7 of copper or any suitable metal is interposed between the said surface and the cotton or equivalent fabric covering.

To clamp the several parts of the structure together a clamping ring 8 having an inturned holding flange 9 at its upper edge, is provided to inclose and fit over the body and the edge of the fabric 6. The said clamping ring 8 is provided with opposite bayonet slots 10 that receive the projections 3^a on the body block 1.

To assemble the device the body 1 is grasped by the handle 2 and the protecting plate 7 is laid over the raised surface 5. Then, the cotton fabric 6 is placed over the protecting plate so that it entirely covers the top of the abrasive body. When this has been done the ring 8 is placed over the body and the fabric, which in turn holds down the protecting plate, so that the bayonet slots 10 register with the projecting bar ends 3^a. When the said ring 8 is properly advanced downwardly on the block 1, it is rotated so that the holding flange 9 binds the edges of the cotton fabric 6 securely in the depressed seat 4. The device is then ready for use as an iron waxer, after the said cotton fabric 6 has been waxed with any desirable wax, such as employed for ironing purposes.

When it is desired to use the abrasive surface of the body portion for iron cleaning or general sharpening purposes, it is only necessary to remove the clamping ring by rotating it in the opposite direction to which it was locked on, and remove the waxed fabric and protecting plate. The abrasive surface will then be available and ready for any use desired by being free from melted wax, because of the protecting plate which has previously covered it.

When it is desired to use the device for a silver cleaning or polishing surface the waxed fabric may be removed, and a disk of cotton flannel or other suitable material substituted, and a silver polish or other polishing material may be placed upon the fabric and it is then ready for such use.

When using the device as an iron waxer, it may happen that sometimes the ring would be caused to stick to the cement body block by the melted wax. Therefore, in order to provide for removing the ring 8 when this condition arises, there are placed

upon the outside of said ring, suitable ribs or projections 8^a. For the purpose of illustration, only two of these ribs are shown in the drawings, but any desired number of them may be located around the side of the ring so as to provide means for grasping the ring in order to easily separate it from the cement block.

From the foregoing description, the various features and advantages of the invention will be readily apparent, and minor details of construction may be resorted to without sacrificing or injuring the scope of the invention.

I claim:

1. A sad-iron cleaner and waxer comprising a body having an abrasive surface, a waxed fabric, a protecting plate interposed

between the waxed fabric and the abrasive surface, and a clamping ring arranged to detachably clamp said waxing fabric to the body.

2. A sad-iron cleaner comprising an abrasive body having a handle, and diametrically opposite projections, a waxed fabric, a protecting plate interposed between the said waxed fabric and the abrasive body, and a clamping ring provided with bayonet slots adapted to receive and engage the projections on the body.

In testimony whereof I hereunto affix my signature in the presence of two witnesses:

WESLEY G. HARVEY.

Witnesses:

FRANCIS B. O'CONNOR,

E. M. GILLETTE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."