No. 863,989. PATENTED AUG. 20, 1907.

S. J. HARRIS.

WAXING AND POLISHING DEVICE FOR FLAT IRONS.

APPLICATION FILED APR. 5, 1906.

Fig. 1.

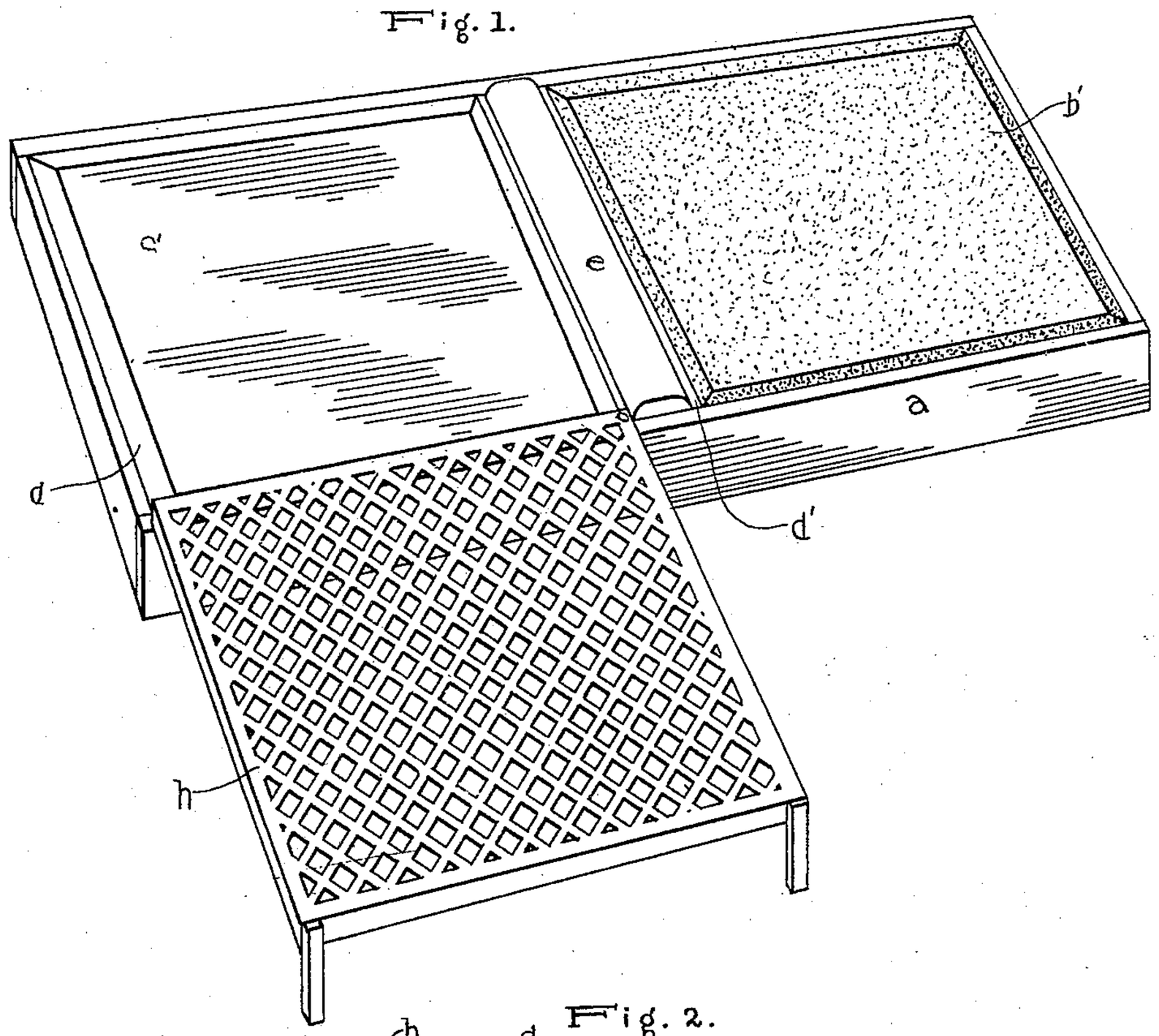


Fig. 2.

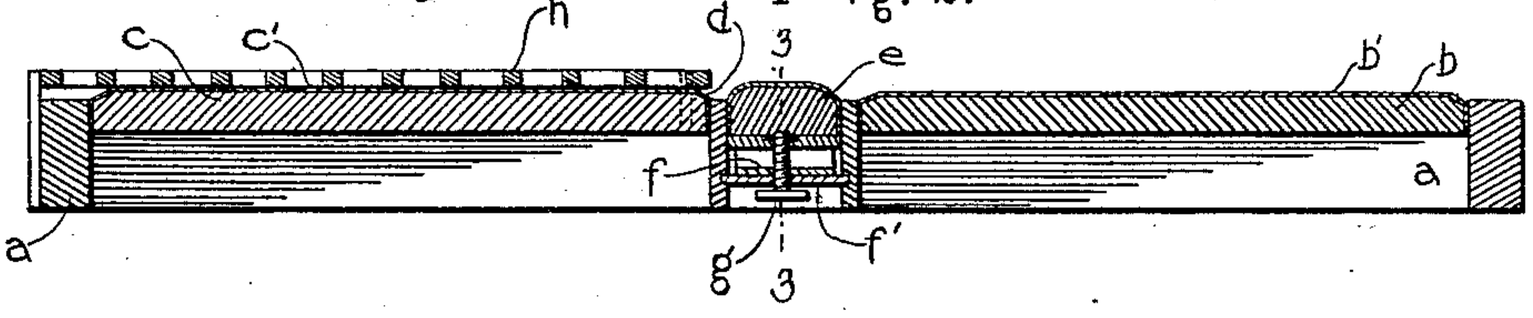
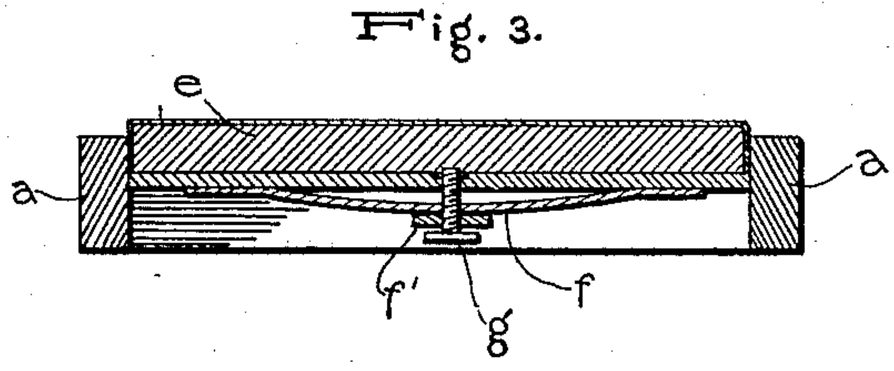


Fig. 3.



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UNITED STATES PATENT OFFICE.

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WAXING AND POLISHING DEVICE FOR FLAT-IRONS.

No. 863,989. Specification of Letters Patent. Patented Aug. 20, 1907.

Application filed April 5, 1906. Serial No. 310,055.

To all whom it may concern:

Be it known that I, SAMUEL J. HARRIS, a citizen of the United States, and a resident of Randolph, in the county of Norfolk and State of Massachusetts, have made a certain new and useful Invention in Waxing and Polishing Devices for Flat-Irons; and I declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it appertains to make and use the invention, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 is a perspective view of my invention with the iron stand *h* swung outward. Fig. 2 is a longitudinal section of the same with the stand *h* swung inwards. Fig. 3 is a cross-section on the line 3—3, Fig. 2.

The invention relates to flat iron waxing and polishing devices, and it consists in the novel construction and combinations of parts as hereinafter set forth.

In the accompanying drawings, illustrating the invention, the letter *a* designates the inclosing framing having at one end thereof a block or pad *b*, provided with a cover *b'*, of emery paper and at the other end and in the same horizontal plane a block or pad *c*, provided with a cover *c'*, of cloth, the two covers being tightly stretched over the blocks, which have beveled or rounded edges, as shown at *d*. The inclosing frames for the cleaning cloth pad and the abrasive pad of emery have vertical inner sides separated from each other by an interval, forming a narrow box *d'*, in which works a wax stick *e*, which normally lies above the surfaces of the two pads, being held in an elastic manner by means of a flat or leaf spring *f*, extending longitudinally of the wax box and bearing at opposite ends upon the wax stick. This spring is supported in the center by means of a transverse bar *f'*, a threaded perforation of which is engaged by set screw *g*, which passes through a perforation in the center of the spring, and has a bearing at its end in the wooden base of the wax stick. Upon adjustment of the set screw, the tension of the spring may be varied, as required, by movement of the base of the wax stick toward or away from the transverse bar *f'*, the spring having thereby its tension increased or decreased. The wax stick has a cover of porous cloth tightly stretched thereover, and secured to a wooden base, against which the ends of the pressure spring bear.

It will thus be seen that when the iron is pressed by a sliding forward movement upon the wax stick, this stick is depressed evenly to the level of the top surfaces of the two pads, and the iron is furnished with a thin coating of wax, continuation of the same movement forward bringing the iron into sliding contact with the cloth or cleaning surface of the pad *c*, and reversion of the sliding movement of the iron bringing it in contact with the emery surface of the pad *b*, to give a fine polish.

A stand for the iron is shown at *h*, being normally in engagement with guide grooves of the side frame bars of one of the pads *b* or *c*, and lying thereover. When the device is in use, this stand is withdrawn in the guide grooves to uncover the pad, until it is stopped by suitable means shown at *i*. This stand can, however, be pivoted to the framing, and swung over and away from the pad in the same manner.

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

1. A waxing and polishing device for flat irons, having a cleaning cloth surface and an abrasive surface in the same horizontal plane, and a depressible waxing device normally lying above such plane, and having a pressure spring provided with a tension adjusting screw.

2. A waxing and polishing device for flat irons, having a friction surface, and an adjacent depressible waxing surface, including a waxing block having a base, a bowed leaf spring bearing at its end portions upon the base of the waxing stick, a transverse bar upon which said spring is supported, and a tension adjusting screw for said spring engaging a threaded perforation of said transverse bar, and having a bearing in the base of the waxing stick.

In testimony whereof I affix my signature, in presence of two witnesses.

SAMUEL J. HARRIS.

Witnesses:
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