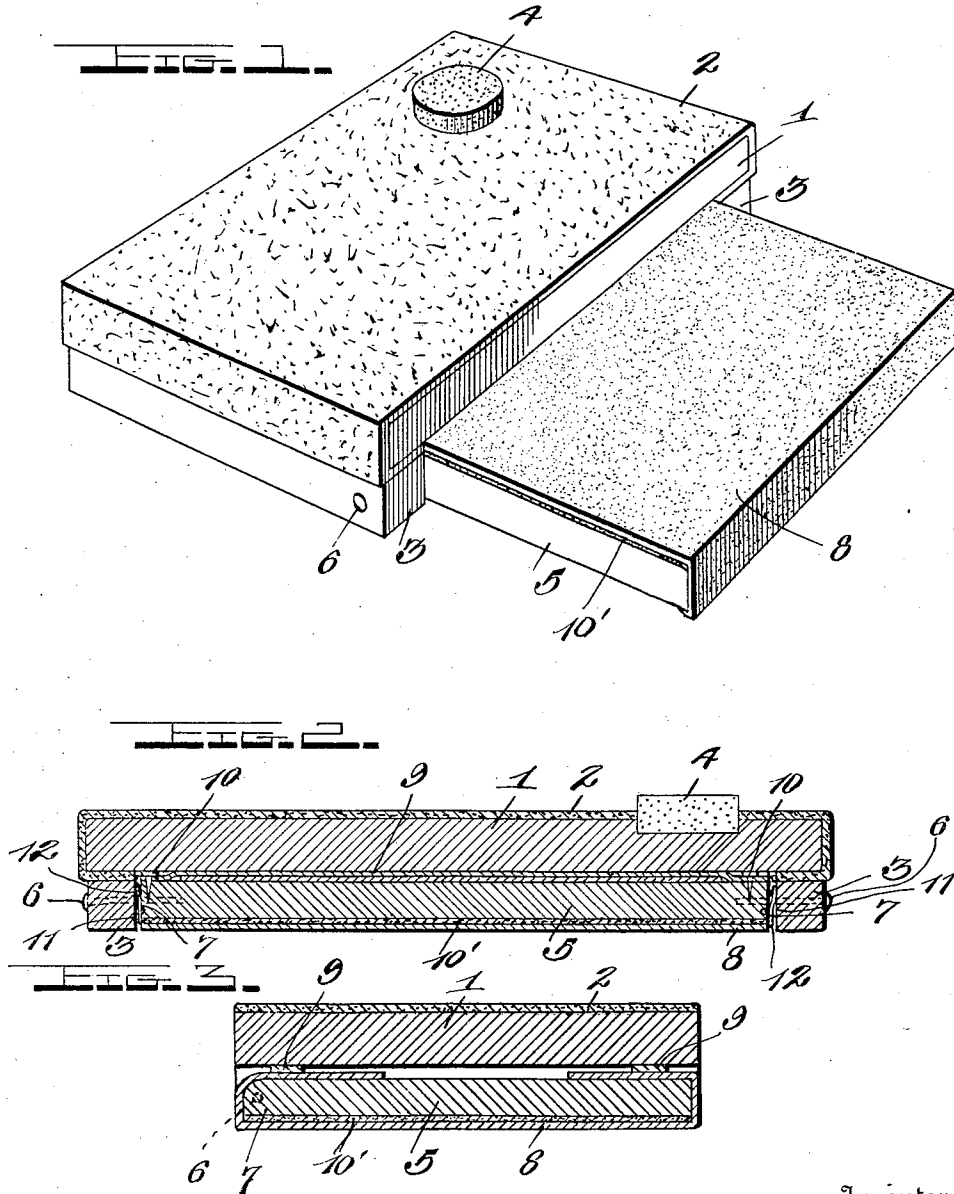


J. H. SOENNICHSEN.
 FLAT IRON CLEANER AND POLISHER.
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1,054,048.

Patented Feb. 25, 1913.



Inventor

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Witnesses

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UNITED STATES PATENT OFFICE.

JOHN H. SOENNICHSEN, OF DOBBS FERRY, NEW YORK.

FLAT-IRON CLEANER AND POLISHER.

1,054,048.

Specification of Letters Patent.

Patented Feb. 25, 1913.

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To all whom it may concern:

Be it known that I, JOHN H. SOENNICHSEN, a citizen of the United States, residing at Dobbs Ferry, in the county of Westchester and State of New York, have invented certain new and useful Improvements in Flat-Iron Cleaners and Polishers, of which the following is a specification, reference being had to the accompanying drawings.

This invention comprehends certain new and useful improvements in flat iron cleaners and polishers and has for its primary object to provide a device of this nature which shall be simple in structure and which may be folded into a compact form when not in use.

The invention also aims toward the general improvement of flat iron cleaners and polishers to render them more useful and commercially desirable.

With these and other objects in view, as will become apparent as the description proceeds the invention consists in certain novel constructions and arrangement of parts as I shall hereinafter fully describe and claim.

For a full understanding of the invention reference is to be had to the following description and accompanying drawing, in which,

Figure 1 is a perspective view of my device in its open position. Fig. 2 is a longitudinal sectional view through the device when closed. Fig. 3 is a transverse sectional view.

Similar parts are referred to in the description and designated in the drawing by like reference characters.

Referring to the drawing by numeral, 1 designates a platform made of wood or any other suitable material and covered on its upper surface with the asbestos cloth 2, which is held in position by having its ends bent over the ends of the platform 1 and clamped to the under side thereof by the transverse binding strips 3. These strips also serve as legs for the platform, supporting the same a suitable distance above a table top or any other surface on which the device may be placed. A cake of wax 4 is positioned on the face of the platform 1 in one corner thereof.

A plate 5 is hingedly secured to one side of the platform 1 by the pins 6 which pass transversely through the strips 3 near their inner ends and engage the ends 7 of the

plate near its inner edge. The plate is slightly less in width than the platform and its thickness is slightly less than the thickness of the strips 3. Its upper face is covered with the emery cloth 8, which is retained thereon by having its ends turned under the plate 5 and passed under the clamping strips 9. These strips run longitudinally of the plate 5 and are secured thereto at their end portions by the fasteners 10. A sheet 10' of any suitable material such as asbestos is interposed between the emery cloth 8 and the plate 5 to protect the latter from the heat of an iron. It will be noticed that the pins 6 pass through the longitudinal centers of the ends 7 of the plate 5 and through the longitudinal centers of the sides 11 of the strips 3, so that when said plate is in its open position, the clamping strips 9 may rest flatly against a plane supporting surface. Thus it will be seen that when the plate 5 is open for use, the pressure of a flat-iron on the emery cloth 8 will bind the ends of the cloth tightly against the under side of the plate and so assist the strips 9 in holding the cloth firmly. When the plate 5 is not in use and is folded under the platform 1 between the strips 3, the clamping strips will contact with said platform. Retaining springs 12 are secured at their inner ends to the inner sides of the strips 3 and extend transversely across these strips near the outer ends thereof. When the plate 5 is closed these springs bind against the ends 7 of the plate and hold it in position.

In using this device the flatiron is first cleaned by rubbing it on the emery cloth 8, next it is waxed and then polished by rubbing it on the asbestos cloth 2. The platform 1 may be used as a rest for the iron if so desired.

From the foregoing description in connection with the accompanying drawing, it will be seen that I have provided a simple and useful device which may be cheaply manufactured and sold.

Having thus described my invention what I claim is:

1. A flat iron cleaner and polisher comprising a platform covered on its upper side with a suitable polishing material, parallel supporting strips secured across the under side of the platform adjacent its ends, a plate pivotally secured at its ends near its inner side, between the supporting strips ad-

5 jacent their inner ends, said plate being adapted to swing outwardly into a plane parallel to the platform and inwardly between the supporting strips and parallel the
10 under side of the platform, a piece of roughened material covering one side of the plate and having its ends turned over the edges of the plate against the other side thereof, securing strips for the holding the rough-
15 ened material on the plate and means for holding the plate between the supporting strips.

2. A flat iron cleaner and polisher comprising a platform, parallel supporting
15 strips secured across the under side of the platform adjacent the edges thereof, a polishing cloth covering the upper face of the platform and held in position by having its ends fixed between the supporting strips and
20 the under side of the platform, a plate

hingedly secured at its ends adjacent its inner edge between the supporting strips on the platform, a piece of cleaning material covering the upper side of the plate and having its ends turned thereunder, parallel
25 securing strips fastened at their end portions to the under side of the plate, said strips passing over the ends of the cleaning cloth, and holding the same in position, and springs positioned on the inner faces of
30 the supporting strips on the platform for holding the said plate in its closed position between the supporting strips.

In testimony whereof I hereunto affix my signature in the presence of two witnesses. 35

JOHN H. SOENNICHSEN.

Witnesses:

JAMES JENNINGS,
EDWARD DE REVERE.

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