J. T. YOUNGS.

FLAT IRON CLEANING, WAXING, AND POLISHING PAD.

APPLICATION FILED DEC. 23, 1916.

1,232,158. Patented July 3, 1917.

Fig. 1.

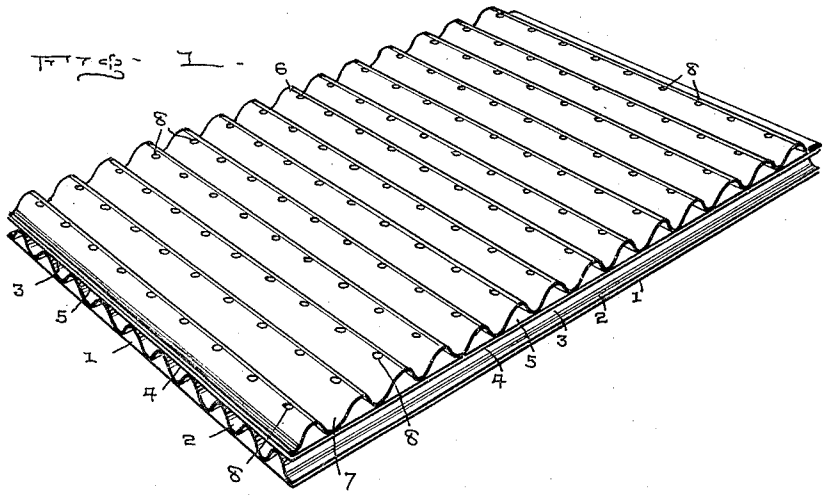


Fig. 2.

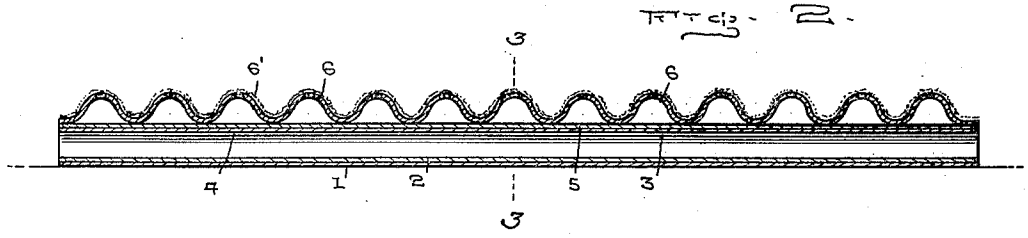


Fig. 3.

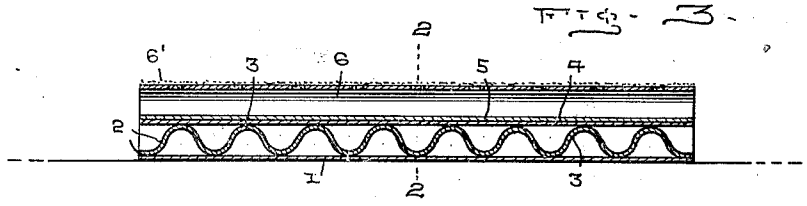
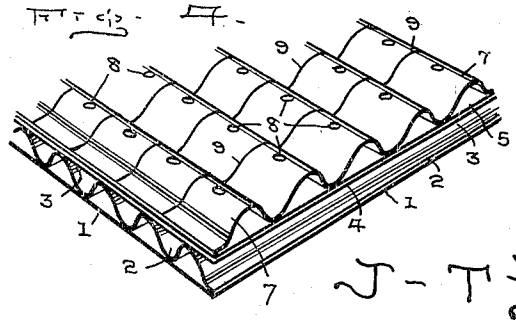


Fig. 4.



Inventor

J. T. Youngs

Witness

Thos. W. Riley

Frank B. Hoffman

By W. J. Fitzgerald & Co.

Attorneys

UNITED STATES PATENT OFFICE.

JOSHUA T. YOUNGS, OF BAY SHORE, NEW YORK.

FLAT-IRON CLEANING, WAXING, AND POLISHING PAD.

1,232,158. Specification of Letters Patent. Patented July 3, 1917.

Application filed December 23, 1916. Serial No. 138,527.

To all whom it may concern:

Be it known that I, JOSHUA T. YOUNGS, a citizen of the United States, residing at Bay Shore, in the county of Suffolk and State of New York, have invented certain new and useful Improvements in a Flat-Iron Cleaning, Waxing, and Polishing Pad; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to a flat iron cleaning, waxing, and polishing pad and has for its main object to provide a device of this character whereby a flat iron may be quickly and readily cleaned, waxed and polished while it is being used for ironing purposes.

Another object of the invention is to provide a flat iron pad of the above stated character which embodies superimposed layers of corrugated paper, the corrugations of one layer being disposed at right angles to the corrugations of the other layer, whereby a free circulation of air may pass under and between the corrugations of each layer at right angles to each other.

Another object of the invention is to provide the upper surface of the uppermost layer of corrugated paper with a coating of wax, over which the flat iron may be rubbed from time to time as desired, the cross currents of air passing through the layers of corrugated paper at right angles to each other serving to quickly cool the waxed surface and also to prevent the heat from penetrating the pad.

A further object of the invention is to construct the pad of deep corrugated paper, preferably of brown straw paper, the texture of which serves to effectively clean the iron of any starch or other foreign material that may adhere to it, while the upper waxed surface serves to stiffen the corrugated paper and at the same time to provide means for waxing the iron with the least possible pressure upon the pad.

A still further object of the invention is to completely cover the upper surface of the pad with wax by the immersion of it in a wax bath, whereby when the tops of the corrugations become worn or waxless, they may be gently pressed over in either direction so as to present an additional waxed surface formed by the waxed sides of the corrugations, thus presenting additional waxed surfaces which will greatly increase the durableness and life of the pad.

A still further object of the invention is to arrange the corrugated papers at right angles to each other so as to stiffen the pad in such a manner that it will not curl but will lie perfectly flat under the application of a hot iron to it when not in use.

A still further object of the invention is to provide the tops of the corrugations of the upper pad layer with indentations, or with incisions that extend longitudinally of the pad and transversely across the corrugations which are designed to receive a certain amount of wax in addition to the wax coating arranged over the entire upper surface of the pad, so as to lengthen the life of the pad for waxing purposes.

With these and other objects in view as will appear as the description proceeds, the invention comprises the various novel features of construction, combination and arrangement of parts as will be more fully described hereinafter and set forth with particularity in the appended claim.

Referring to the drawings,

Figure 1 is a perspective view of my improved and novel construction of flat iron cleaner, waxer and polishing pad.

Fig. 2 is a vertical longitudinal sectional view taken on the line 2—2 of Fig. 3.

Fig. 3 is a vertical longitudinal transverse sectional view taken on the line 3—3 of Fig. 2.

Fig. 4 is a fragmentary perspective view showing a slightly different way in which my improved flat iron pad may be constructed.

Similar characters of reference are used to denote like parts throughout the accompanying drawings and the following description.

Referring more particularly to the drawings, it will be seen that my improved flat iron cleaner, waxer, and polishing pad is shown to be of substantially rectangular construction but I desire to have it understood that this pad may be of any shape, design, size or construction found most desirable and best suited for the purpose. The pad consists of a paper base 1 upon which is arranged a layer of corrugated paper 2, the corrugations 3 of which extend longitudinally of the rectangular base 1. Arranged upon the corrugations 3 is a separator sheet

of paper 4, and arranged upon this separator sheet 4 is an upper paper base 5 upon which is arranged another or upper layer of corrugated paper 6 which embodies corrugations 7 that extend transversely of the pad and are disposed at right angles to the corrugations 3 of the lower layer.

The upper surface of the upper corrugated paper layer 5 is provided with a waxed coating 6′, preferably, by immersing it in a waxed bath, this waxing of the upper surface tending to stiffen the corrugations and to provide means whereby the flat iron can be easily and quickly waxed with the slightest possible pressure upon the pad.

If desired, as shown, the corrugations 7 may be provided throughout their length with a series of spaced apertures or indentations 8 that are designed to receive and hold a certain amount of wax in addition to that arranged over the upper surface of the corrugations. These wax filled depressions will greatly increase the waxing life and efficiency of the pad.

In Fig. 4 will be seen another way in which the upper layer of corrugations may be constructed, in this instance the corrugations 7 are not only provided with the indentations or apertures 8, but are also provided with incisions or depressions 9 that extend longitudinally of the pad and transversely over each of the corrugations and are arranged in spaced relation intermediate the indentations or apertures 8, these incisions or longitudinally extending indentations serving to hold and retain an additional amount of wax in addition to that arranged as a coating upon the upper surface of the corrugations and that held by the indentations 8. This will provide additional means for further increasing the waxing life of the pad.

From the foregoing construction it will be apparent that by arranging the layers of corrugated paper in superimposed relation so that the corrugations of one layer are disposed at right angles to the corrugations of the other layer, that means is provided in addition to the waxed upper surface of the top layer of corrugations for stiffening the pad in such a manner as to prevent it from curling when in use or not in use.

It is to be further noted that by arranging these corrugations at right angles to one another that air passages are provided through the pad whereby a free circulation of air may pass through between and under each corrugation which will serve to quickly cool the upper waxed surface and at the same time prevent the heat from the iron penetrating the pad.

It is also to be noted that by making the upper waxed corrugations 7 deep in formation, that as the tops of these corrugations become worn and the wax thereupon completely used, that by a slight and gradual pressure of the flat iron in either direction over the corrugations, that they will be gently pressed in overlapping relation so as to present the waxed sides of the corrugations and thus form a new waxing surface for the iron. In this manner it will be obvious that my improved flat iron pad comprises substantially three independent and distinct waxing surfaces, namely that normally presented by the tops of the corrugations 7 and that presented by the sides of the corrugations being pressed first in one direction and then in the other as desired.

The pad preferably is to be constructed of brown straw paper, the upper surface of which is provided with waxed coating, the texture of this particular paper in conjunction with the wax serving to more effectively clean and wax the flat iron.

What I claim is:—

A flat iron pad of the class described, comprising superimposed layers of deep corrugated paper, the deep corrugations of the upper layer being disposed at right angles to the deep corrugations of the lower layer to provide a cross circulation of air under and between each corrugation of each layer, a separator sheet disposed between said layers of deep corrugated paper, indentations formed in the tops of the deep corrugations of the upper layer of corrugated paper, and a waxed coating for the upper surface of said upper corrugated paper layer, said waxed coating adapted to fill the indentations of said corrugations.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOSHUA T. YOUNGS.

Witnesses:
HERMAN H. RIESEL,
CHARLES W. DOUSEE.

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