

May 1, 1923.

A. ZIMMERMAN

1,453,777

HOUSEHOLD UTENSIL

Filed Feb. 8, 1922

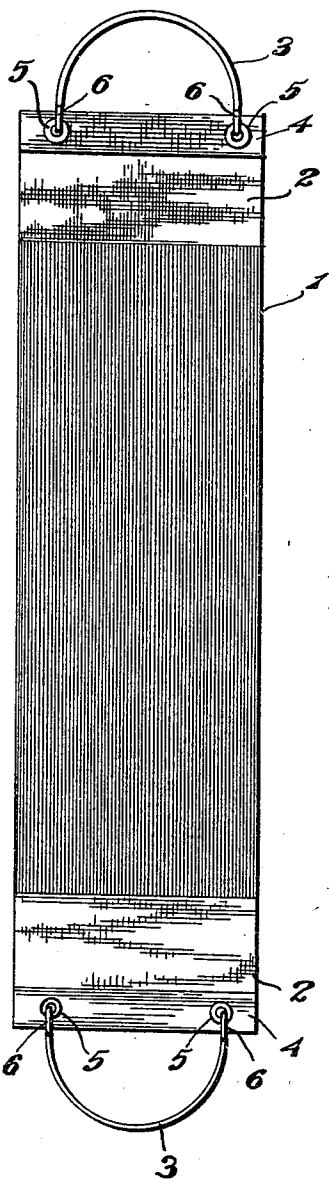


Fig. 1.

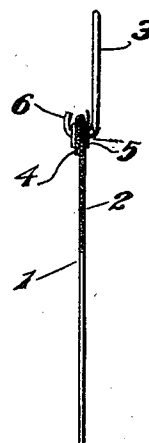
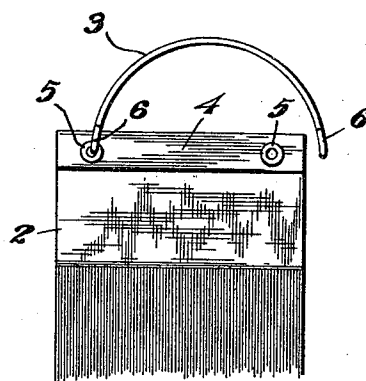


Fig. 2.

Fig. 3.



INVENTOR:-
ARTHUR ZIMMERMAN
BY *Mason Fenwick Lawrence*
ATTORNEYS.

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UNITED STATES PATENT OFFICE.

ARTHUR ZIMMERMAN, OF BROOKLYN, NEW YORK.

HOUSEHOLD UTENSIL.

Application filed February 8, 1922. Serial No. 535,111.

To all whom it may concern:

Be it known that I, ARTHUR ZIMMERMAN, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Household Utensils; 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 more particularly to cleaners for combs, brushes and other articles where it is desired to clean between projections, teeth or bristles, but may be used for cleaning or polishing any article as found desirable.

The objects of the invention are to provide a device of this character which may be washed at will; to remove the metallic portions while the fabric is being washed; to enable the user to readily remove or re-apply the metallic portions without use of tools or requiring any mechanical skill; to provide a device readily assembled; to avoid the necessity of stitching the fabric; to employ means for receiving metallic portions which will also hold the hem in the fabric; to secure simplicity of construction and operation; and to obtain other advantages and results as may be brought out in the following description.

Referring to the accompanying drawing in which like numerals of reference indicate similar parts throughout the several views;

Figure 1 is a face view of the cleaner assembled;

Figure 2 is a longitudinal edge view of a portion of the same; and

Figure 3 is a plan view of a portion of the cleaner showing the same partially assembled.

In the specific embodiment of the invention illustrated in said drawing, the reference numeral 1 indicates in general the fabric formed with webbing 2 at each end thereof and an intermediate portion therebetween consisting of longitudinal strands only. Handles 3 are detachably secured to the outer ends of the webbings 2 by means of which the fabric may be drawn taut.

The webbing 2, at its outer end, is preferably doubled to form a hem 4, and the hem is preferably held by means of a plurality

of eyelets 5. These eyelets are also positioned in such relation as to receive the ends of the handle 3 as will be next described.

The handle 3 is preferably metallic and comprises a spring formed from an arcuate piece of wire herein shown as substantially semi-circular with its ends bent up out of the plane of the arc to form hooks 6. These hooks are for engagement in eyelets 5 of the webbing. In order to prevent the handle from falling off and also to keep the webbing transversely straight, the normal distance between said hooks 6 is preferably greater than the distance between the eyelets as clearly shown in Figure 3. To assemble the parts, the handle is sprung together until the hooks register with the eyelets and inserted therein. The tendency of the handle to spring back to its normal span will then act to hold the handle in place. Obviously it will also act to hold the webbing transversely tight and straight.

When it is desired to wash the fabric, the metallic handle may be very readily removed without tools or mechanical skill. Furthermore, it is to be noted that the handle may be easily unhitched at one hook to pass the same around a pipe or the like if desired to support the device by such means.

While I have shown and described one embodiment of the invention, it is to be understood that various modifications and changes may be made in the manufacture and use thereof, and I do not restrict myself to the exact structure disclosed except as set forth in the following claims when construed in the light of the prior art.

Having thus described my invention, I claim.

1. A device of the character described comprising a fabric portion for cleansing purposes, and a resilient handle removably attached thereto adjacent the corners whereby the fabric portion is placed under transverse tension.

2. A device of the character described comprising a fabric portion for cleansing purposes and a resilient handle having attachment members and adapted to be placed under tension in attachment for stretching the fabric and retaining the parts together.

3. A device of the character described comprising a fabric portion having spaced eyelets near its end, and an arcuate resilient wire handle having hooks formed on its

ends for engaging in said eyelets, said handle having a normal span greater than the distance between the eyelets.

4. A device of the character described
5 comprising a fabric portion having spaced eyelets near its end, and a resilient handle said engaging eyelets having a normal span differing from the distance between the eyelets whereby the resiliency of the handle
10 will operate to retain the parts assembled.

5. A device of the character described comprising a fabric portion having a hem

at its end, a handle, and eyelets for both securing the hem and for engagement by the handle.

6. A device of the character described
15 comprising a flexible webbing, and a resilient handle attached to said webbing so as to normally draw the same transversely taut thereby both securing the handle to the
20 webbing and holding the webbing straight.

In testimony whereof I affix my signature.

ARTHUR ZIMMERMAN.