

G. K. NAKASHIMA.
BRUSH.

APPLICATION FILED MAY 4, 1916.

1,208,623.

Patented Dec. 12, 1916.

Fig. 1

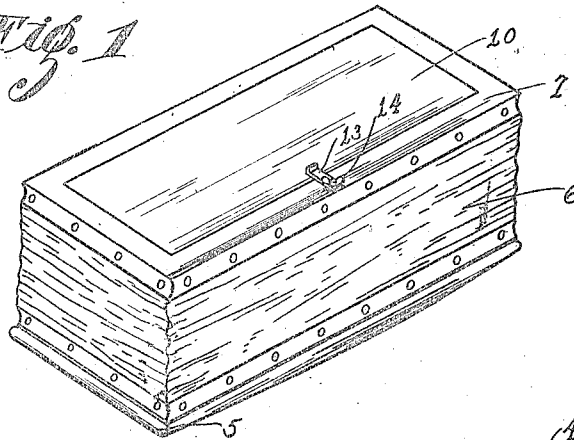


Fig. 2

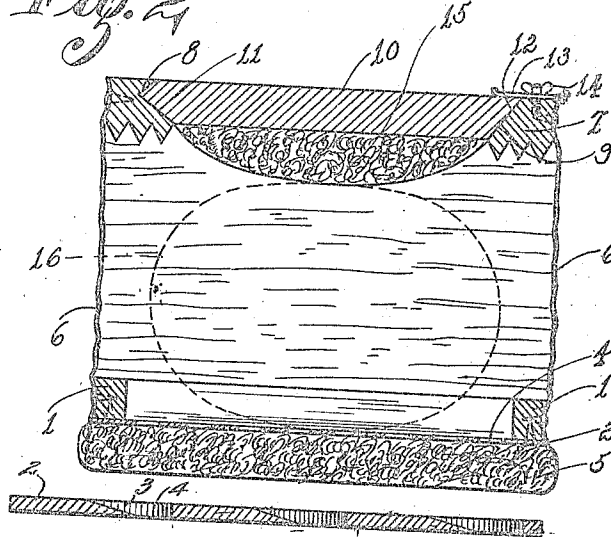


Fig. 3

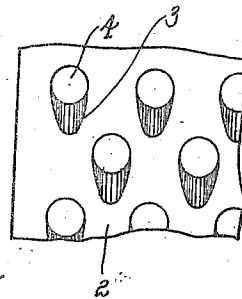


Fig. 4.

WITNESS.

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BRUSH.

1,208,623.

Specification of Letters Patent.

Patented Dec. 12, 1916.

Application filed May 4, 1916. Serial No. 95,358.

To all whom it may concern:

Be it known that I, GEORGE K. NAKASHIMA, a subject of Japan, residing at Stockton, in the county of San Joaquin, State of California, have invented certain new and useful Improvements in Brushes; and I do declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the characters of reference marked thereon, which form a part of this application.

This invention relates to improvements in scrubbing brushes and particularly to a combination brush and soap container wherein the soap will be held within the body of the brush and be lathered from the same in a smooth, even and effective manner. The brush is for adaptation to all classes of scrubbing work in connection with families, clubs, hotels and public houses, as well as military uses throughout the world. It is also used in connection with washing clothes, wood-work, walls, floors, plumbing fixtures, and in fact every possible use requiring soap cleanser.

The main object of the invention is to produce a soap containing brush so arranged that the soap will be lathered therefrom in a smooth manner and with the least possible consumption of the soap; also one in which all the soap will be used. Often when soap is used outside of the container it commences to chip and break into small pieces which are lost and no advantage gained from the use thereof, which of course results in a large amount of waste. With my device no matter how rapidly the soap may be worn away, decreased, or chipped, every particle of it will be passed to use through the brush.

A further object of the invention is to produce a simple and inexpensive device and yet one which will be exceedingly effective for the purposes for which it is designed.

These objects I accomplish by means of such structure and relative arrangement of the parts as will fully appear by a perusal of the following specification and claim.

In the drawings similar characters of reference indicate corresponding parts in the several views.

Figure 1 is a perspective view of the complete brush. Fig. 2 is a sectional view of the same. Fig. 3 is a detached view showing one form of perforated bottom outlet

for the brush. Fig. 4 is a cross-sectional view of a portion of the bottom plate of the brush showing the depressions against which the soap will be frictionally engaged to aid in working it up into a lather.

Referring now more particularly to the characters of reference on the drawings, the numeral 1 designates the bottom frame of the brush which is substantially rectangular and made up of any desired material. Across the under side of this frame 1 I provide a bottom plate 2. This plate 2 is provided with slight depressions 3 which terminate in perforations 4. These depressions 3 form a rough surface against which the soap will be frictionally engaged to aid in working it up into a lather.

On the outside of the perforated plate 2 is provided the bottom friction brush 5. This brush may be of sponge, bristles, rubber scrubber, or snake-gourd. Of all of these the snake-gourd is perhaps the most adaptable material for the lathering purpose as it is softer than the bristle brush and harder than the sponge, and consequently when applied is smoother and more suitable for the surfaces over which it may be passed. It will likewise have a much less wearing effect on clothes than when the clothes are scrubbed against the now commonly corrugated washing boards.

The sides 6 are of flexible material such as cloth or the like, and are connected at their upper ends with an upper frame 7 which is likewise rectangular, one of its sides being provided with a V-shaped recess 8 and its other side being an upwardly inclined side, as at 9.

The upper side 10 of the brush is removable and is provided with a pointed side 11 and sloping side 12 arranged for engagement with the sides 8 and 9 respectively in order to make a tight joint. The V-shaped recess 8 locks the top 10 on one side and the opposite side is held in place by a turnable clip 13 controlled by a thumb screw 14. The underside of the cover 10 is provided with friction material 15 similar to the material 5. The soap 16 is placed within the container and normally rests between the material 15 and the perforated bottom 2.

When it is desired to use the brush the entire structure is preferably dipped into a receptacle containing warm water which saturates the two friction members 5 and 15. Then by pressing down the top of the

brush it will bring the friction material 15 into contact with the soap and cause it to engage the perforated bottom 2 and by moving the same back and forth this will lather up the soap which lather will pass out the perforated plate 2 and through the friction member 5 where it will still be further lathered in a smooth, even and effective manner. This lather can be applied by the brush against any of the various materials to be cleaned as set forth in the preamble to this specification.

The device will be especially useful for general toilet purposes such as the bath and massage and can be used to good advantage on delicate skins for applying the soap lather thereto. Further the brush can be used in place of the now commonly used corrugated washboard by putting the cloth to be washed upon a plain board and rubbing my improved brush over the same, and it will be found to be far superior both from an economical standpoint and as a labor saving device, and will do a much superior quality of work in that respect due to the fact that the lather will be applied evenly over the cloth and not in chips or thick masses of the soap as is the common experience when using the ordinary corrugated washboard.

The container described can take any form of soap either liquid, powder, chips, crushed or bar, or in fact any form which the container can reasonably receive.

While I have set forth herein a few of the many advantages of the device, and the great saving which will be effected by its

use, still in practice this will be much greater than can be possibly described in a concise specification of this character and I merely state that its many uses and advantages in saving will be readily apparent by a careful perusal of the specification and drawings as herein set forth.

From the foregoing description it will readily be seen that I have produced such a device as substantially fulfils the objects of the invention as set forth herein.

While this specification sets forth in detail the present and preferred construction of the device, still in practice such deviations from such detail may be resorted to as do not form a departure from the spirit of the invention as defined by the appended claim.

Having thus described my invention what I claim as new and useful and desire to secure by Letters Patent is:

A brush comprising two opposed heads, one head being perforated, flexible sides connecting the heads and arranged to allow a free movement of each head toward or laterally of the other, such sides forming a receptacle between the heads for the reception of a cleansing material, the free movement of the heads allowing them to be moved toward each other to be closed in against said material and then oscillated laterally to work the material into a lather and force it through the perforated head.

In testimony whereof I affix my signature.

GEORGE K. NAKASHIMA.