

No. 840,328.

PATENTED JAN. 1, 1907.

J. S. HICKSON.
HORSE BRUSH.

APPLICATION FILED JAN. 29, 1906.

Fig. 1.

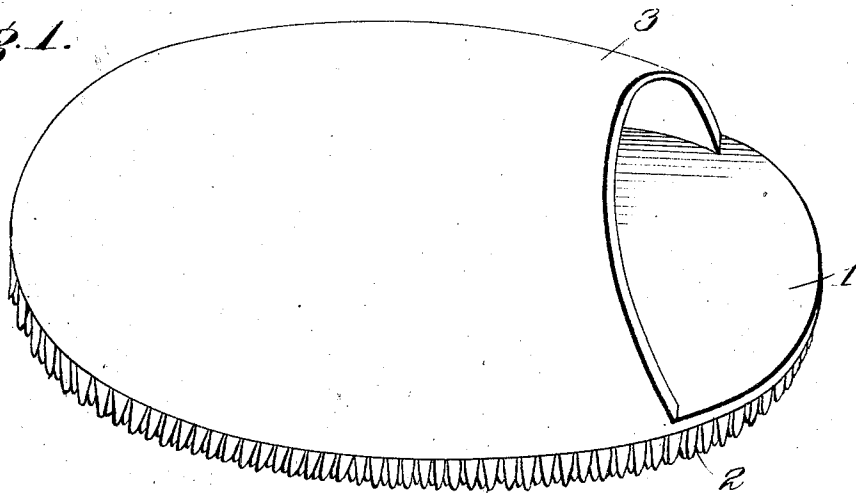


Fig. 2.

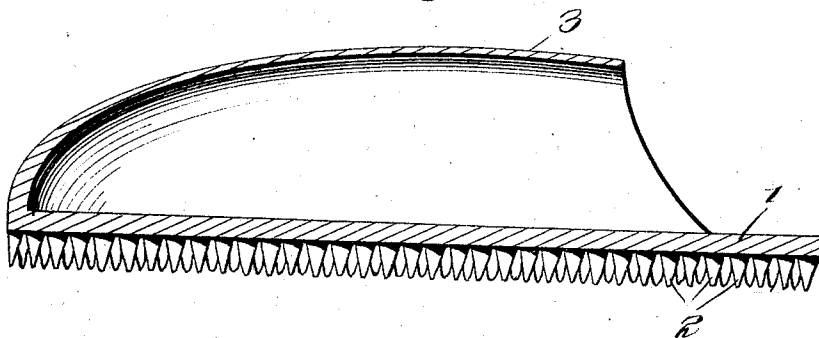
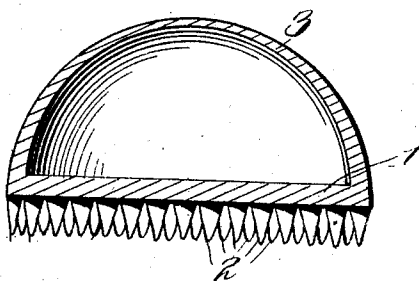


Fig. 3.



Witnesses

J. M. Mule
W. H. Woodson

Inventor
John S. Hickson

By *W. H. Macey*, Attorneys

UNITED STATES PATENT OFFICE.

JOHN S. HICKSON, OF CHARLOTTESVILLE, VIRGINIA.

HORSE-BRUSH.

No. 840,328.

Specification of Letters Patent.

Patented Jan. 1, 1907.

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To all whom it may concern:

Be it known that I, JOHN S. HICKSON, a citizen of the United States, residing at Charlottesville, in the county of Albemarle and State of Virginia, have invented certain new and useful Improvements in Horse-Brushes, of which the following is a specification.

This invention relates to grooming implements, being designed most particularly to provide a brush of novel specific structure comprising a back, teeth, and retainer of novel formation, the retainer constituting a closure to receive the hand and protect the same, and said retainer being contracted at the entrance to fit more closely about the wrist.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result reference is to be had to the following description and accompanying drawings.

While the invention may be adapted to different forms and conditions by changes in the structure and minor details without departing from the spirit or essential features thereof, still the preferred embodiment is shown in the accompanying drawings, in which—

Figure 1 is a perspective view of a brush embodying the invention. Fig. 2 is a vertical central longitudinal section of the brush. Fig. 3 is a central vertical transverse section of the brush.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

As stated, the brush comprising the back 1, teeth 2, and retainer 3, is a one-piece structure and is preferably formed of rubber molded or otherwise formed into the desired shape. The teeth 2 are tapered and project from the face of the back and may be of any length and number. The back 1 may be of any shape and size, depending upon the special use for which the brush is designed. In the most general construction the brush will be of oblong form, with the result that the retainer 3 will have the desired shape imparted, the open end being contracted to fit about the wrist without leaving a too great space for the entrance of dust or other foreign matter.

The retainer 3 has its middle portion spaced from the back 1 and is connected at its edges thereto, so as to provide a housing to completely encompass the hand and afford protection therefor. The edge portions of the retainer at their juncture of the back 1 are made thicker than the remaining portion and gradually taper in thickness as they recede from their juncture with the back, leaving the center portion comparatively thin and flexible, so as to yield slightly when a large hand is thrust into the retainer. The thickened edge portions of the retainer provide ample protection against injury and resist wear incident to the striking of the edge portion of the retainer against any part of the stall or other object.

While it is preferred to have the retainer spring from the outer edge of the back, it is to be understood that this arrangement is not essential and will depend in a great measure upon the outline of the brush-back, the purpose being to have the receiving or open end of the retainer somewhat contracted, so as to conform to and fit closely about the wrist when the hand is thrust into the retainer.

The open end of the retainer 3 is formed in a peculiar manner. Said retainer in order to provide the open or entrance portion is cut away on an incline toward the closed end of the retainer, and this is advantageous for the reason that though sufficient space is constituted whereby to give the wrist plenty of room in the play of the hand manipulating the brush, yet the portions of the retainer at opposite sides of the entrance-opening are firmly attached to the back of the brush in such a way as to afford a maximum area for the connected portion of the retainer and back 1, making the connection much more substantial than would otherwise be the case. Furthermore, the manner of cutting the entrance-opening of the retainer 3 on an incline permits of the contraction of the mouth of the opening at opposite sides of the wrist as well as giving plenty of room for the wrist when the brush is being operated at a right angle approximately to the line of the forearm.

Having thus described the invention, what is claimed as new is—

A new rubber article of manufacture comprising a brush consisting of a back having a plurality of integral tapering teeth project-

ing from its face, and provided with a re-
tainer for the hand extending from the rear
side of said back and integral therewith, said
retainer being adapted to completely house
5 the hand and having its edge portions thick-
ened at the point of jointure with the back
for the purpose specified, the retainer being
further provided with an entrance-opening
or receiving end formed by cutting a portion
10 of said retainer away on an incline toward

the closed end thereof, whereby the entrance-
opening is formed with a contracted mouth
and is adapted to permit of free play of the
wrist in manipulating the brush.

In testimony whereof I affix my signature 15
in presence of two witnesses.

JOHN S. HICKSON. [L. S.]

Witnesses:

FRED M. HICKSON;
BENJ. H. STACK, Jr.