

R. DE SENNEVOY.
BRUSH.

APPLICATION FILED OCT. 15, 1910.

1,062,041.

Patented May 20, 1913.

FIG. 1

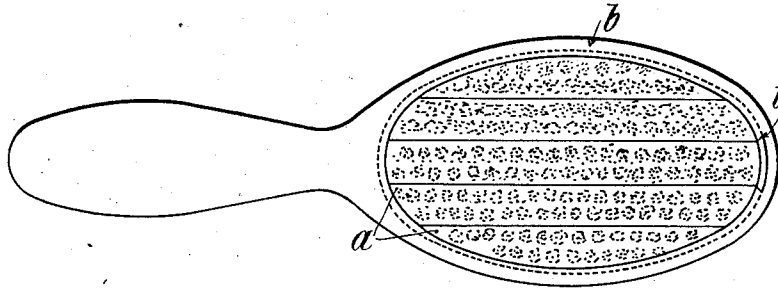


FIG. 2

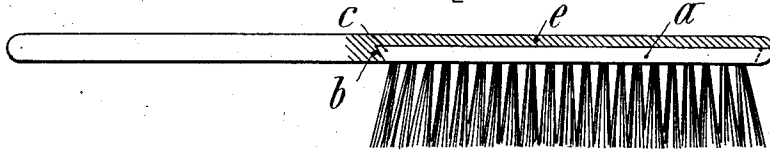


FIG. 3

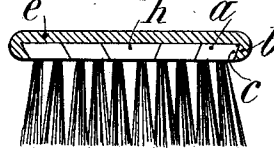
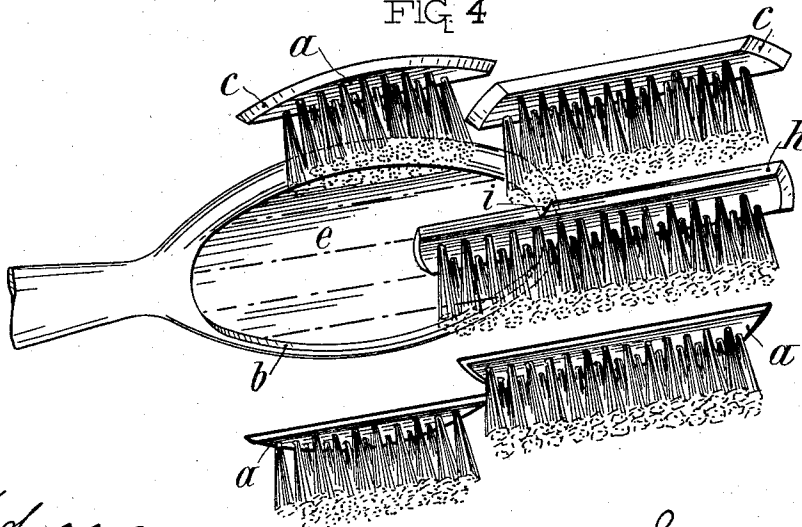


FIG. 4



Witnesses
M. H. Darg.
L. A. Price.

Inventor
Robert de Sennevoy
By M. E. Boulter.
attorney

UNITED STATES PATENT OFFICE.

ROBERT DE SENNEVOY, OF PARIS, FRANCE.

BRUSH.

1,062,041.

Specification of Letters Patent.

Patented May 20, 1913.

Application filed October 15, 1910. Serial No. 587,258.

To all whom it may concern:

Be it known that I, ROBERT DE SENNEVOY, a citizen of the French Republic, residing at Paris, France, have invented a certain new or Improved Brush, of which the following is a specification.

This invention relates to a brush with detachable series of tufts, in which all the brush sections are held set and secured in a brush back, by means of a key having the shape of an elongated wedge which, on being placed in position, forms one of the sections or elements of the brush and is itself held in place by jamming, without it being necessary to use either screws or pins or any other fixing parts.

In the construction in question, it is sufficient, for enabling the brush to be easily cleaned or for one of its series of tufts to be replaced, to withdraw the wedge for releasing the other elements of the brush back. The assembling of these elements is effected with the same ease.

In the accompanying drawing, Figure 1 shows a bottom view of a brush according to this invention, Fig. 2 is a longitudinal section of the same, Fig. 3 a cross-section, and Fig. 4 shows in perspective the various parts of the brush separately.

According to this invention, the frame or mount *e* of the brush comprises a recess arranged along one of its faces and constituted by a ledge *b* arranged near the circumferential edge of the part of the mount or back which is intended to receive the series of tufts. This ledge *b* is provided in the center of its end, opposite the handle, with an opening *i* in the shape of a dove tail.

The series of tufts are mounted on lateral elements *a* arranged in two rows symmetrically at each side of a central element *h*. The connection of the elements *a* and *h* side by side forms a sectional plate capable of filling exactly the recess formed in the back of the brush.

The lateral elements *a* are provided at their edge corresponding to the ledge *b* of

the mount, with an inclined tongue. The central element *h* comprises at one of its ends a tongue intended to coöperate with the corresponding portion of the ledge *b*, while its other end comprises a rounded off portion which, when all the elements are put in place in the mount, fills up the opening *i* and completes the removed portion of the ledge *b*. These lateral elements *a* are provided with longitudinal facets *c* inclined in opposite direction for the two series at either side of the central element *h*, the longitudinal facets of which are also inclined in the opposite directions, so as to have the dove-tailed shape of the opening *i*.

The fitting of the brush is very easily effected by first placing the lateral elements *a* so that their inclined edges *c* engage with the ledge *b* of the mount *e*, and then by introducing the central element *h* through the opening *i* into the interval or gap left between the two series of elements. After the element *h* has been pushed right in, its outer end closes the opening *i* and is flush with the edge of the mount. The element *h* then plays the part of a connecting key which itself remains fixed in the locking position in the mount, owing to the lateral pressure which it produces against the lateral elements *a*.

I claim:

In a brush, the combination with a back, having an undercut ledge arranged near the edge of the said back, and provided with a dove-tailed opening; a series of lateral brush sections provided with beveled ends adapted to engage said ledge; and a central wedge-shaped brush section adapted to be inserted among the lateral brush sections through the dove-tailed opening in the ledge.

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

ROBERT DE SENNEVOY.

Witnesses:

H. C. COXE,
GEORGES BONNEUIL.