

A. A. WEST & W. H. BENJAMIN.
HAIR PUFFER.

APPLICATION FILED MAR. 7, 1911.

1,013,346.

Patented Jan. 2, 1912.

Fig. 1.

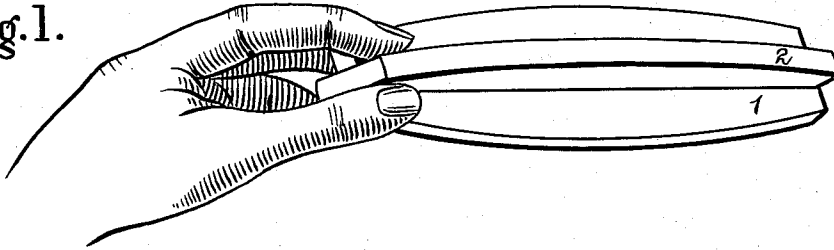


Fig. 3.

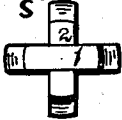


Fig. 2.

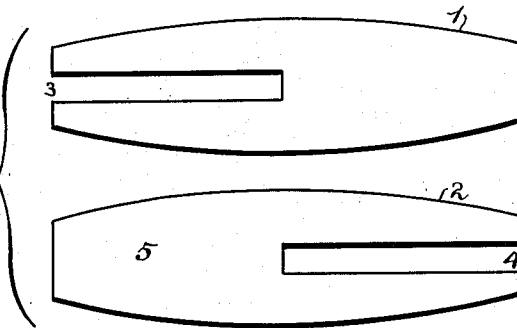


Fig. 4.

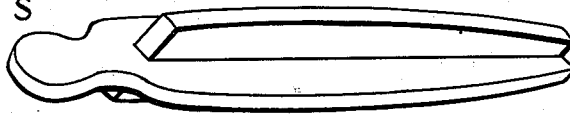
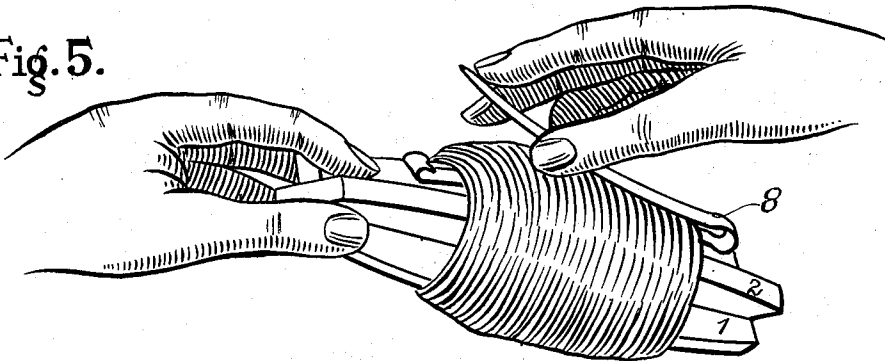


Fig. 5.



WITNESSES:

Alfred G. Bishop
William H. Lippell

INVENTORS,

Augustus A. West, William H. Benjamin
BY Arthur Phelps Marr
ATTORNEY.

UNITED STATES PATENT OFFICE.

AUGUSTUS ALBERT WEST, OF NEW YORK, N. Y., AND WILLIAM HALSEY BENJAMIN,
OF NEWARK, NEW JERSEY.

HAIR-PUFFER.

1,013,346.

Specification of Letters Patent.

Patented Jan. 2, 1912.

Application filed March 7, 1911. Serial No. 612,861.

To all whom it may concern:

Be it known that we, AUGUSTUS ALBERT WEST, a citizen of the United States, and resident of the borough of Brooklyn, county of Kings, city and State of New York, and WILLIAM HALSEY BENJAMIN, a citizen of the United States, resident of the city of Newark, county of Essex, and State of New Jersey, have invented certain new and useful Improvements in Hair-Puffers, of which the following is a specification.

The invention relates to certain improvements in the puffer proper which, although made of wood as other well known puffers, is so constructed that it may be disjointed or divided into two very similar parts, an advantage which is found of decided importance when great quantities of the puffers are to be shipped or transported.

Another important improvement is the shape of the parts which allows the puffer to be used from either end.

The handle usually supplied, but which is found to be of no material advantage has been omitted in our device, and the structure is such that the production of additional slots for the reception of certain metallic parts is unnecessary.

The following is a description of what we consider the best means of carrying out the invention.

The accompanying drawings form a part of this specification, in which—

Figure 1 is a view partly in perspective of the completed device ready for operation. The two parts of Fig. 2 show the principal members of the device separated one from the other. The members are shown in side elevation. Fig. 3 is an end elevation corresponding to Fig. 1, though on a somewhat smaller scale. Fig. 4 shows a modification. In this figure, one of the parts is provided with a handle, formed integral therewith. Fig. 5 shows the device in operation.

Similar reference numerals indicate like parts in all the figures where they appear.

The device is composed of two principal members, indicated at 1 and 2. In the preferred method of production, these parts are exactly similar. They are of wood that has been finished on its flattened sides. The upper and lower edges have been rounded to a small extent and curved. A slot 3 is produced in the part 1 and a similar slot 4 in the part 2, so that the parts may be easily

joined together by causing the slot 3 to slide upon the part 2 and the slot 4 to assume a similar position on the part 1. If care is taken to produce slots 2 and 3 of a width just sufficiently to fit snugly the full parts of the members 1 and 2, the device will be found to be held together with just sufficient firmness to allow use, and yet be readily separable when occasion requires.

In Fig. 5 we have shown a certain metallic member 8 in use in conjunction with the device, but we do not care to limit the use of this device to any particular metallic member. The one shown is described in Patent No. 785,844 March 28th, 1905, though any device of a like nature may be used with equal satisfaction.

In using the device the parts 1 and 2 are joined as described, and one end of the structure is then grasped by the fingers of one hand as shown in Fig. 1. A desired quantity of hair is then wound about the structure and the metallic clamp is slid beneath the hair through one of the hollows caused by the angle of the adjoining parts. The clamp is secured to the hair entirely independent of the wooden puffer and the puffer can then be removed. The puffed hair is now ready to be secured in place and spread out in the ordinary manner.

Modifications may be made within the scope of the appended claims without departing from the principle or sacrificing the advantages of the invention.

At Fig. 4 we have shown the device constructed in such a manner as to produce a handle. The handle is formed integral with one of the main parts. In this modification the hair can only be removed from the puffer from one end, the end opposite the handle. The curve is then produced in the part from a point adjacent to the handle to the end opposite. This device may be made of celluloid or metal if it is found desirable, though in our experiments we have found nicely finished wood to work with no little satisfaction. Means may be provided for securing the two main parts together permanently, as for instance, the parts may be glued, but this would ordinarily defeat the great advantage of having a compact device for shipment.

Other modifications may be made by a good mechanic.

Having carefully and fully described our

invention, what we desire to secure by Letters Patent, is:

1. In a new article of manufacture, a hair puffer composed of a plurality of flat members, each member being provided with a central longitudinal slot arranged to slide axially upon another member in a manner to bisect each said member and produce a plurality of hollows adapted to receive one link of a hair clamp, as specified.
2. A hair puffer composed of a plurality of independent flat parts, the edges of each said part being curved in such a manner as to produce a wider portion at mid-length the

part, each said member being provided with a central longitudinal slot and arranged to slide axially upon another member in a manner to bisect each said member and produce a plurality of deep hollows adapted to receive one link of a hair clamp as specified.

Signed at the city of New York, county and State of New York, this 3 day of February, 1911, in the presence of two witnesses.

AUGUSTUS ALBERT WEST.

WILLIAM HALSEY BENJAMIN.

Witnesses:

G. E. STERRETTE,
S. H. STODDER.