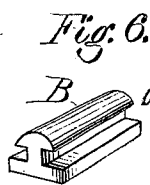
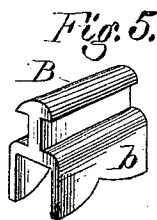
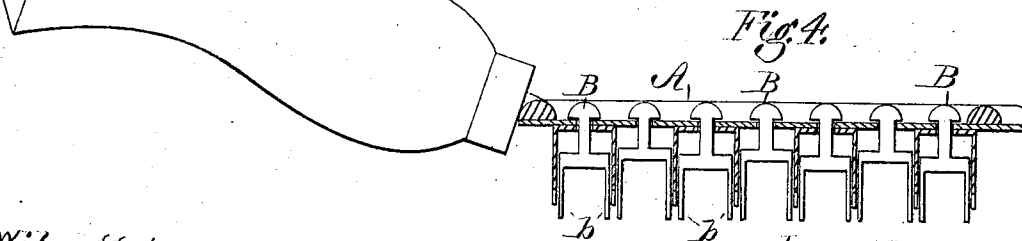
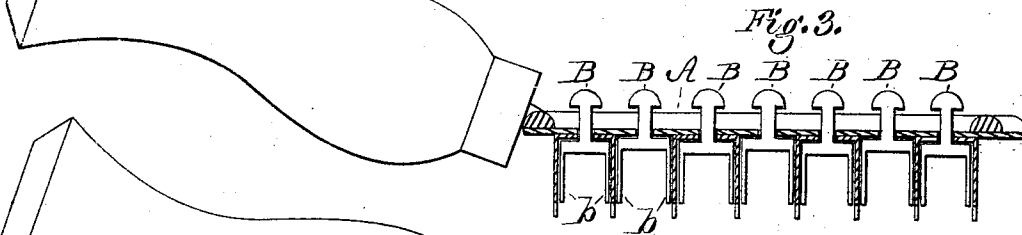
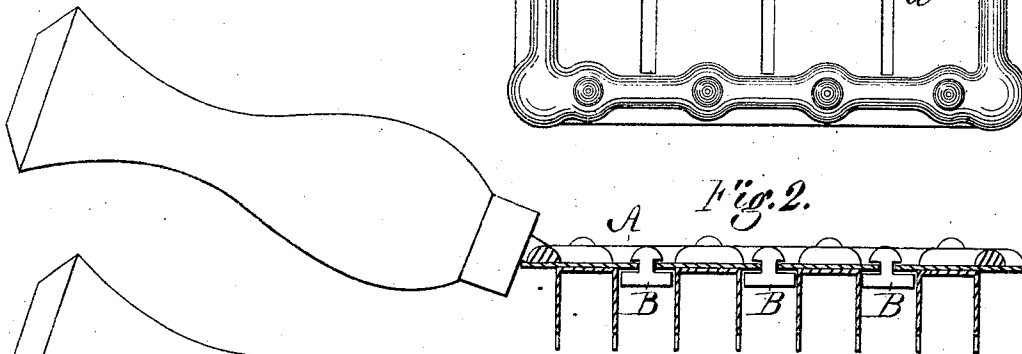
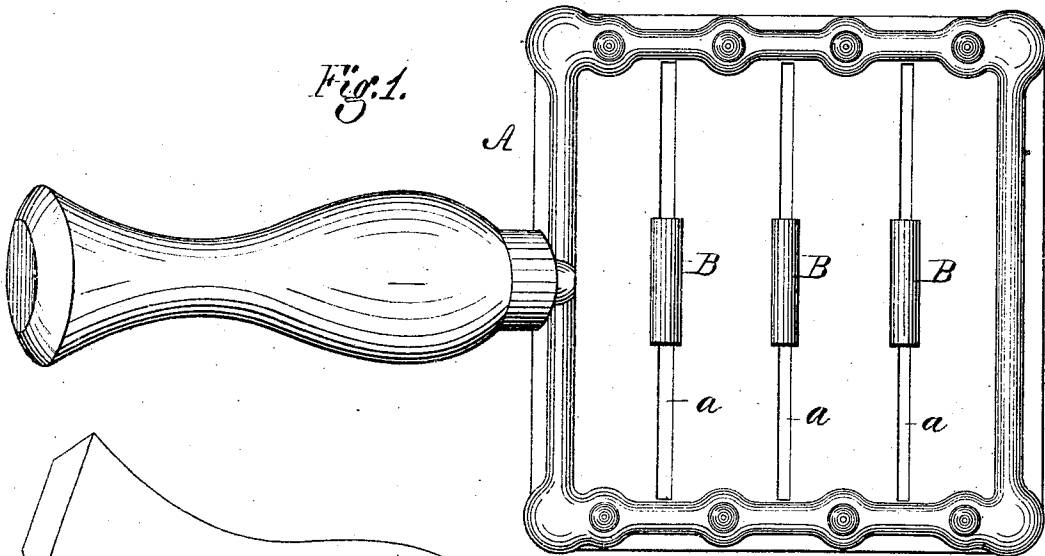


J. O. BERRY.
Curry-Comb.

No. 161,654.

Patented April 6, 1875.



Witnesses:
Hill H. Dodge.
W. E. Chaffin

Inventor:
James Owens. Berry.
By his attys.
Dodge & Son

UNITED STATES PATENT OFFICE

JAMES OWENS BERRY, OF VIENNA, VIRGINIA, ASSIGNOR OF ONE-HALF HIS
RIGHT TO RICHARD BERRY, OF GEORGETOWN, DISTRICT OF COLUMBIA.

IMPROVEMENT IN CURRY-COMBS.

Specification forming part of Letters Patent No. **161,654**, dated April 6, 1875; application filed
February 25, 1875.

To all whom it may concern:

Be it known that I, JAMES OWENS BERRY, of Vienna, in the county of Fairfax and State of Virginia, have invented certain Improvements in Curry-Combs, of which the following is a specification:

My invention consists in providing a curry-comb with one or more loose weights or knockers, to jar the dust and dirt therefrom; and also in providing said weights, when they are arranged to slide transversely in the comb, with lips to clear the adhering hair from the teeth of the comb.

Figure 1 represents a back view of my improved comb; Fig. 2, a vertical cross-section of the same with a series of the sliding weights, without the lips to remove the hair; Figs. 3 and 4, vertical sectional views of my comb, having the weights provided with the lips—the former showing the weights raised clear of the teeth, and the latter showing them down; and Figs. 5 and 6, perspective views of the two forms of weight.

The object of my invention is to so construct a curry-comb that the dust and hair adhering thereto may be removed by simply shaking the comb, without rapping it against the stall, as usual; and to this end it consists in providing the comb with movable weights of any suitable form and arrangement, to jar the dust loose when the comb is shaken, and in providing the weights, when suitably arranged, with lips to move past the teeth of the comb and remove the hair therefrom.

I prefer, under ordinary circumstances, to have the weights slide to and fro, but when it is not required to have them remove the hair they may be arranged in any suitable manner.

In the drawing, A represents a flat-backed comb of ordinary construction. In the back plate of this comb I cut any desired number of transverse slots, *a*, in each of which I mount a sliding weight, B, having flanges to retain it in place.

When the comb, thus constructed, is shaken sharply by the hand the weights are thrown to and fro in the slots and strike against the

ends of the same with such violence as to jar and shake the dust and loose hair from the comb. When it is desired to have the sliding weights remove all adhering hair with certainty I provide them with lips *b*, which extend down by the side of the teeth, as shown in Fig. 4, so that as the weight slides to and fro its lips push the hair from the teeth of the comb.

The lips *b* may be made of any suitable form, but that shown in Fig. 5 is considered the best.

In order that, when the comb is in use, the lips *b* shall not interfere with the operation of the comb-teeth, the weights are so arranged that they can rise until the lips are above the teeth, as shown in Fig. 3. When the comb is not in use the weights and lips drop down, as in Fig. 4, so that the lips pass closely by the teeth.

It is obvious that the lips may be made with beveled ends to ride under the hair and push it from the teeth, or with a square end having a sharp edge to sever the hair; or, if desired, the lip may be made to clasp over the edge of the teeth.

The comb may be provided with lips on one or both sides of each row of teeth. In short, the form, construction, and arrangement of the teeth may be varied as experience may dictate without departing from the limits of my invention.

When the lips are not used, a single heavy weight may be used, and it may be arranged in a tube or on a rod on the back of the comb, or it may, instead of sliding, be hinged or pivoted, the only requisite being that, when the comb is shaken, the weight shall shake or jar the same.

By means of my improvements I produce a comb which may be kept clean without knocking or brushing, which may be used with greater facility, and which will last a greater length of time than the ordinary comb.

Having thus described my invention, what I claim is—

1. In combination with a curry-comb, a movable weight or knocker, for the purpose of

jarring dust, &c., therefrom, substantially as set forth.

2. In combination with a curry-comb, A, one or more sliding weights, B, held and guided by slots or equivalent guides, as set forth.

3. In combination with a curry-comb, a

sliding weight, B, provided with a lip, *b*, to remove adhering hair from the teeth of the comb, as set forth.

JAMES OWENS BERRY.

Witnesses:

J. MCKENNEY,
P. T. DODGE.