

(No Model.)

C. A. FONERDEN.  
ATTACHMENT FOR BRUSHES, &c.

No. 360,872.

Patented Apr. 12, 1887.

Fig. 1.

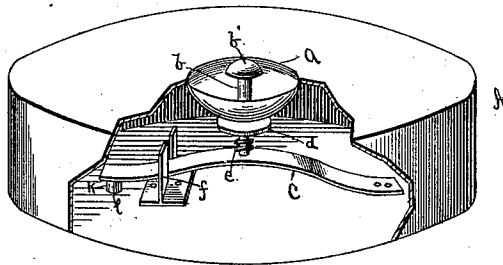
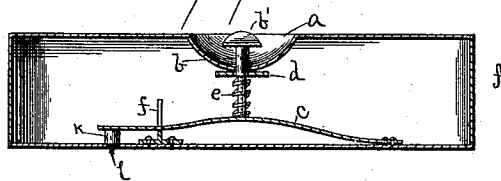


Fig. 2.



Witnesses  
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# UNITED STATES PATENT OFFICE.

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## ATTACHMENT FOR BRUSHES, &c.

SPECIFICATION forming part of Letters Patent No. 360,872, dated April 12, 1887.

Application filed April 12, 1886. Serial No. 198,567. (No model.)

*To all whom it may concern:*

Be it known that I, CLARENCE A. FONERDEN, a citizen of the United States, residing at New York, in the county of New York, State of New York, have invented certain new and useful improvements in an invention for applying and distributing liquids to the hair, body, or any surface whatever, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to a device to form part of or be an attachment for brushes, pads, sponges, &c., or may be made in and of itself such a device, the brushes, pads, sponges, &c., to be attached to or made solid with it.

The object it has in view is to obtain a device by the use of which any liquids—such as oils, water, tonics, lotions, liniments, &c.—may be applied or distributed to the hair, body, or any surface whatever through the article in connection with the device.

To the accomplishment of the above, the invention consists in certain novel devices and combination of devices, as will be described and claimed.

Reference will be made to the accompanying drawings, in which Figure 1 is a view in perspective of the device partly broken away, and Fig. 2 a longitudinal section through the same.

Like letters refer to like parts in both views.

Throughout the following description I will refer to the device as used in connection with a brush; but, as before stated, it may be used with other articles, this course being taken simply for convenience in description.

A represents the casing, box, or receptacle of the device, which may represent a box to be attached to a brush or such like article, or the receptacle may be formed on the back of the brush itself. At or about the center of casing A, preferably on top, there is formed a concavity, *a*, through which an opening is formed for the passage of a rod, *b*, said rod being provided at its upper end with a suitable knob, *b'*, which rests on a slightly lower plane than the top of the casing. This rod is passed through the concavity *a* and riveted to

or otherwise fastened to the spring *c*, and between such spring and the under side of the top of the casing there is interposed a washer or cork, *d*, and a rubber sleeve or spiral spring, *e*, as clearly shown. Spring *c* is riveted to the casing at one end, and is movable upward and forward at its other end, and rests upon or across a fulcrum, *f*, so that when rod *b* is pressed down upon the spring *c* the end of the spring, with the cork *k* attached thereto, is lifted from an opening, *l*, formed in the bottom of the casing or box.

The operation is as follows: The casing A, whether it forms a part of the brush or whether it is an attachment thereto, in which latter case the brush-back would have an opening or openings corresponding to the one, *l*, formed in casing A, is filled with the liquid to be used. This being done, and it not being desired to use the liquid, the normal position of the parts will be such as to close the opening *l* and prevent the escape of the liquid. When, however, it is desired to feed the liquid to the brush, the rod *b* is pressed down, whereby spring *c*, to which it is attached, is also pressed down and its stopper or cork end elevated. In this manner spring *c* is depressed near its center and elevated at its cork end, the cork *k* being thus carried from the opening *l*, whereby a free escape of the liquid is allowed. When sufficient of the fluid has been fed to the brush, the pressure is removed from rod *b*, when the action of the spring *c* will carry the parts to their normal positions.

I have already stated that I do not wish to confine myself to the use of the device in connection with brushes; nor do I wish to be confined to the exact arrangement and construction of parts described, as the same may be changed in many ways without departing from the spirit of my invention.

It will be understood that the device may be formed at any point with a suitable orifice, through which the liquid is to be fed.

What I claim is—

1. The combination, with casing A, provided with perforated depression *a* and orifice *l*, of leaf-spring *c*, riveted at one end to the bottom

thereof, bearing *f*, provided for said spring, cork *k*, secured to the free end of the spring, and operating-rod *b*, as set forth.

2. The combination, with casing A, provided  
5 with perforated depression *a* and orifice *l*, of leaf-spring *c*, riveted at one end to the bottom thereof, bearing *f*, provided for said spring, cork *k*, secured to the free end of the spring,

and operating-rod *b*, coiled spring *e*, and washer *d*, as set forth. 10

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

CLARENCE A. FONERDEN.

Witnesses:

HENRY BELL,  
SAUNDERS HONEY.