

No. 723,818.

PATENTED MAR. 31, 1903.

H. S. BREWINGTON.

BOTTLE WASHER.

APPLICATION FILED AUG. 22, 1902.

NO MODEL.

Fig. 1.

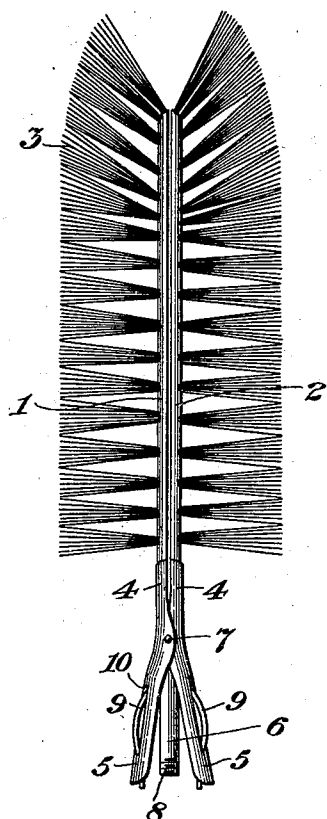
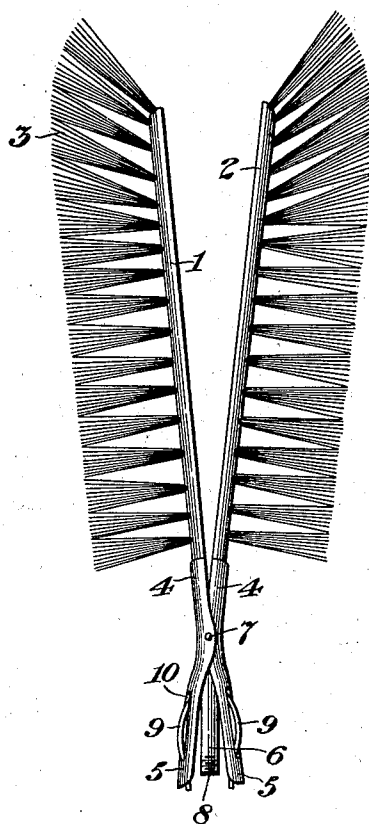


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

HENRY S. BREWINGTON, OF BALTIMORE, MARYLAND, ASSIGNOR OF ONE-HALF TO WILLIAM F. SEIM.

BOTTLE-WASHER.

SPECIFICATION forming part of Letters Patent No. 723,818, dated March 31, 1903.

Application filed August 22, 1902. Serial No. 120,652. (No model.)

To all whom it may concern:

Be it known that I, HENRY S. BREWINGTON, a citizen of the United States, residing at Baltimore city, Maryland, have invented certain new and useful Improvements in Bottle-Washers, of which the following is a specification.

My invention relates to bottle-washers; and its object is to provide a device of this character which will be adapted to thoroughly cleanse every portion of the interior of a bottle.

The improvement comprises a two-part brush, the members of which are pivotally secured together, in combination with a water-supply pipe between the brush members and a spring-connection between said members.

The construction of the improvement will be fully described hereinafter in connection with the accompanying drawings, which form part of this specification, and its novel features will be defined in the appended claims.

In the drawings, Figure 1 is an elevation of a bottle-washer embodying the invention in its normal or closed position, and Fig. 2 is a similar view showing the brush members of the washer spread apart in position for use.

Corresponding parts in both figures are denoted by the same reference characters.

The reference-numerals 1 and 2 designate the brush blocks or backs to which the bristles 3 are secured in the usual manner. To the lower end of each of the brush-backs is secured a handle 4 of concavo-convex form in cross-section and having a depending extension 5, projecting outward at an angle from the lower end of the brush-back. As clearly illustrated in the drawings, the two handle extensions 5 project at opposite inclinations, thus adapting them to be closed together, as will be explained later on. The two handles 4 are pivotally secured together and to the upper end of a water-pipe 6 by a cross-pin 7. The lower end 8 of the pipe is threaded for attachment to a water-supply pipe. (Not shown.)

9 designates a bow-spring extending through a transverse opening in the pipe 6 and having

its sides projecting through elongated slots 10 in the handle extensions 5 and its ends bearing against the inner surfaces of said extensions.

The utility and operation of the device constructed as thus described will be readily understood. Normally the two brushes rest in closed position back to back, as shown in Fig. 1, under the tension of the spring 9, acting against the lower ends of the handle extensions. When the brushes are inserted into a bottle, the contact of the extensions 5 with the walls of the bottle-neck compresses the spring and separates the brush members, as shown in Fig. 2, thus causing the bristles which are revolved by suitable mechanism to contact with all portions of the inner surface of the bottle to thoroughly cleanse the same, water being supplied through the pipe 6.

I would have it understood that the invention is not restricted to the exact construction shown and described, but includes all such modifications and variations in the details as may fall within the terms and scope of the following claims.

Having thus described my invention, I claim and desire to secure by Letters Patent—

1. A bottle-washer, comprising two brushes pivotally secured together, a water-pipe interposed between the brushes, and a spring connection between the brushes.

2. A bottle-washer, comprising two brushes arranged back to back, and pivotally secured together, in combination with a water-pipe interposed between the brushes, and a spring connection for opening and closing the brushes.

3. A bottle-washer, comprising two brushes each provided with a handle having an outwardly-inclined extension, a water-pipe interposed between the brushes, and a spring connecting the brushes and water-pipe.

4. A bottle-washer, comprising two brushes arranged back to back, a handle for each brush having an outwardly-inclined extension, said handles being pivotally secured together, a water-pipe interposed between the

brushes, and a spring extending through the pipe, and bearing against the lower ends of the handle extensions.

5 A bottle-washer, comprising two brushes arranged back to back, a handle for each brush having an outwardly-inclined extension formed with an elongated slot, said handles being pivotally secured together, a water-pipe interposed between the brushes, and
10 a bow-spring extending through the pipe and

into the slots of the handle extensions, and bearing against the lower ends of said extensions.

In testimony whereof I have signed my name in the presence of the subscribing witnesses.

HENRY S. BREWINGTON.

Witnesses:

E. WALTON BREWINGTON,

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