

No. 838,241.

PATENTED DEC. 11, 1906.

C. A. CONNERS.
FOUNTAIN BLACKING BRUSH.
APPLICATION FILED FEB. 7, 1906.

2 SHEETS—SHEET 1.

Fig 1

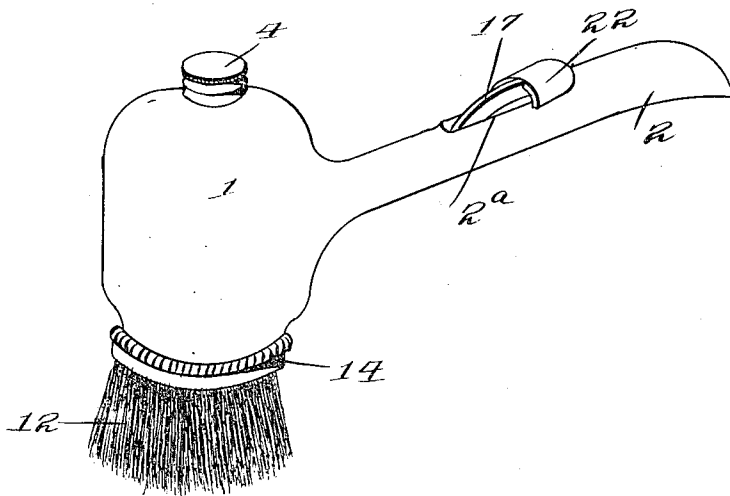
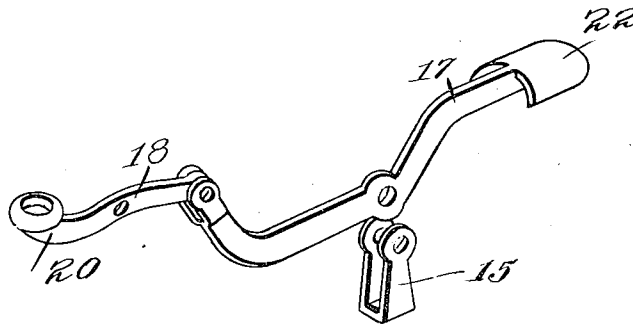


Fig. 3.



Inventor
C. A. CONNERS.

Witnesses
Mr. Muir
W. A. Woodson

By
H. B. Lacey, Attorney

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2 SHEETS—SHEET 2.

Fig. 2.

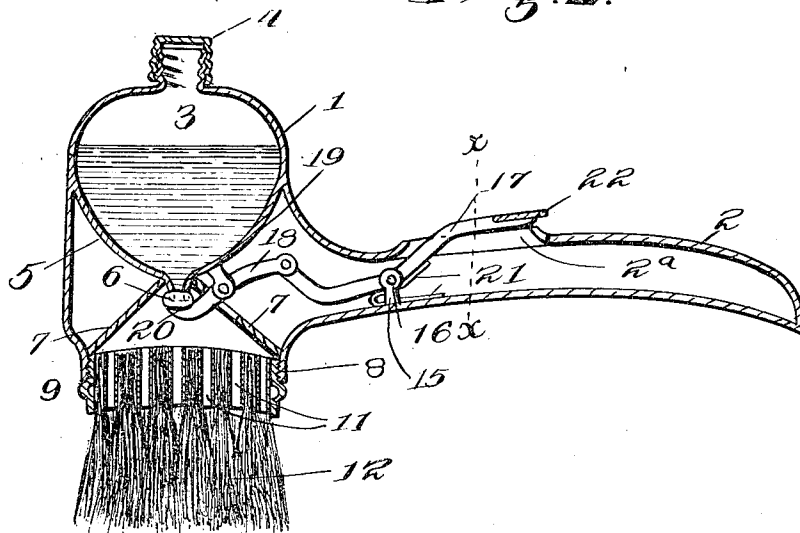


Fig. 4.

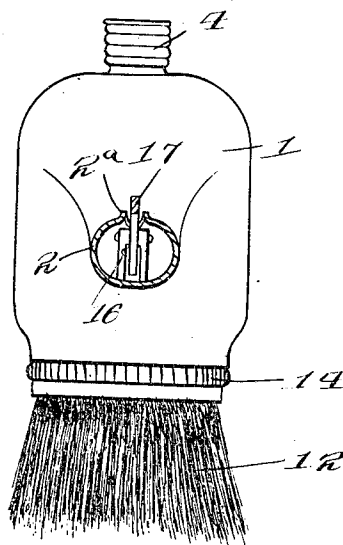
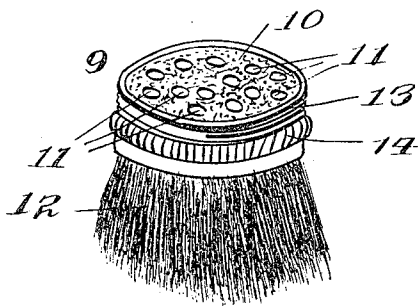


Fig. 5.



Inventor

C. A. CONNERS

Witnesses

W. A. Moore
W. A. Woodson

By

W. A. Moore, Attorney

UNITED STATES PATENT OFFICE.

CLARENCE A. CONNERS, OF ALTON, ILLINOIS.

FOUNTAIN BLACKING-BRUSH.

No. 838,241.

Specification of Letters Patent.

Patented Dec. 11, 1906.

Application filed February 7, 1906. Serial No. 299,966.

To all whom it may concern:

Be it known that I, CLARENCE A. CONNERS, a citizen of the United States, residing at Alton, in the county of Madison and State of Illinois, have invented certain new and useful Improvements in Fountain Blacking-Brushes, of which the following is a specification.

My invention relates to fountain-brushes, and particularly to that class that are designed to be used as daubers for applying blacking to a boot or shoe.

The object of my invention is to provide an improved device of this character in which the dauber proper is provided with a series of water-ports and is detachably secured in a casing that is provided with a funnel-shaped reservoir. The outlet of the reservoir is contracted and is closed by a cup-shaped end of a hand-operated lever that may be conveniently manipulated by pressure of a person's hand holding the handle of the brush. The contracted outlet of the reservoir is spaced somewhat above the body of the dauber proper that contains the water-passages, so that when the water is permitted to flow from the reservoir it will splash over the surface of the dauber and pass freely through the water-passages, so as to effectively wet the bristles of the dauber.

With this and other objects in view, as will hereinafter more fully appear as the description proceeds, my invention consists in certain details of construction and arrangements and combinations of parts, herein-after specifically described and claimed.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result reference is to be had to the following description and accompanying drawings, in which—

Figure 1 is a perspective view of my improved fountain blacking-brush. Fig. 2 is a longitudinal sectional view thereof. Fig. 3 is a detail perspective view of the controlling mechanism for the outlet of the water-reservoir. Fig. 4 is a sectional view, the section being taken across the handle on the line X X of Fig. 2. Fig. 5 is a detail perspective view of the dauber unattached.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

Referring to the drawings, the numeral 1

designates a casing which is preferably integral with a handle portion 2. A portion of the casing 1 constitutes a water-reservoir 3, which is provided with an inlet governed by a screw-cap or other closure 4. The water-reservoir is preferably funnel-shaped and is provided with sloping lower walls 5, which converge toward each other and a central lower point, where the outlet-opening 6 is formed. Preferably this outlet-opening is provided with a depending nipple, as shown. The said nipple and water-outlet opening are located in the upper end of a conoidal partition 7, the apex of which surrounds the outlet, as shown. The walls of the partition diverge downwardly toward the base of the casing 1 at its lower end. The casing 1 is internally threaded, as indicated at 8. The dauber 9 is provided with a wooden or other head 10, which is formed with any desired number of water ports or passages 11, extending entirely therethrough, so as to feed water to the bristles 12, and the said head is also provided at its upper end with exterior screw-threads 13, designed to mesh with the interior screw-threads 8 of the casing 1, so that the dauber may be screwed into the casing or detached therefrom whenever desired. Preferably the head of the dauber is provided with a milled flange 14, constituting a convenient finger-hold for use in unscrewing and screwing the dauber from or into the casing.

The handle 2 is substantially hollow throughout its length or a major portion thereof, and within the said handle there are secured two ears 15, which are spaced apart transversely, as shown. The ears 15 are both apertured to receive a pivot-pin 16, and a hand-lever 17 is embraced by said ears and mounted on said pin intermediate the ends of the lever, so that it may be rocked within the handle 2. The forward end of the lever is operatively connected to a second lever 18, which is preferably mounted intermediate its ends between two depending ears 19, secured to one side of the funnel-shaped reservoir 3, and the forward end of the lever 18 is provided with an upwardly-facing cup-shaped portion 20, designed to fit around and close the water-outlet 6. A bow-spring 21 is mounted in the handle 2 and is detachably held between the spaced-apart ears 15 below the lever 17, the tension of said spring being against the rear end of the lever 17, so as to rock the same in a direction to move

the lever 18 in the opposite direction, so that it will close the outlet 6. The normal position of the parts is such as to maintain the outlet 6 closed, so that no water will pass therefrom onto the upper surface of the dauber and thence through the ports or passages 11 to the bristles thereof.

The lever 17 is provided with a finger-bearing 22 at its rear end, and this end of the lever extends out through a slot 2^a in the handle 2 in convenient position for being pressed upon by the finger or hand of the operator while it is grasping the handle 2.

From the foregoing description, in connection with the accompanying drawings, it will be seen that when a person is holding the handle 2 the pressure of the finger upon the part 22, so as to depress that end of the lever 17, will effect the rocking of the lever 18 in an opposite direction, so as to remove the cup 20 from the outlet 6 and allow the desired amount of fluid to be discharged from the reservoir 3 and splash down upon the upper face of the dauber-head 10 and thence spread over the same and pass through the ports 11 and wet the bristles 12. As soon as the pressure upon the lever 17 has been released the spring 21 will restore the parts to their normal position, with the outlet 6 closed by the cup 20.

Having thus described the invention, what is claimed as new is—

1. A device of the character described, comprising a hollow casing provided with a water-reservoir having a feed-opening and a water-outlet, a handle secured to said casing, a lever mounted in said handle, a second lever mounted in said casing and provided at one end with a cup adapted to close the water-outlet of the reservoir, the other end of said second lever being operatively connected to the first-mentioned lever, and a dauber mounted in the lower end of the casing with its upper surface below the water-outlet, said dauber being provided with water-passages extending therethrough.

2. A device of the character described,

comprising a hollow casing provided with a funnel-shaped water-reservoir having a feed-opening and a downwardly-extending nipple, the latter constituting a water-outlet, a conoidal partition the walls of which diverge downwardly from said nipple toward the bottom of the casing, a dauber secured in the lower end of the casing and provided with water ports or passages extending there-through, a handle secured to said casing, a lever mounted in said handle, and a second lever mounted in the casing and extending through said partition, one end of said last-mentioned lever being provided with an upwardly-facing cup arranged to fit over said nipple, and the other end of said lever being operatively connected to said first-mentioned lever.

3. A device of the character described comprising a casing provided with a funnel-shaped water-reservoir having a centrally-located nipple, a water-outlet formed thereby, the lower end of said casing being internally screw-threaded, a dauber the head of which is provided with a plurality of water ports or passages and is interiorly screw-threaded to fit in the lower end of said casing; a handle secured to said casing, spaced-apart ears secured in said handle, a hand-lever fulcrumed intermediate its ends between said ears and projecting with one end from said handle, a second lever pivoted intermediate its ends in the casing and provided at one end with a cup arranged to close the water-outlet from the reservoir, the other end of said lever being operatively connected to said hand-lever, and a bow-spring inserted between said ears and underneath said hand-lever and arranged to hold the same so that it will in turn maintain the other lever with the cup closing said water-outlet.

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

CLARENCE A. CONNERS. [L. S.]

Witnesses:

GEORGE M. RYRIE,

EDMUND H. BLAIR.