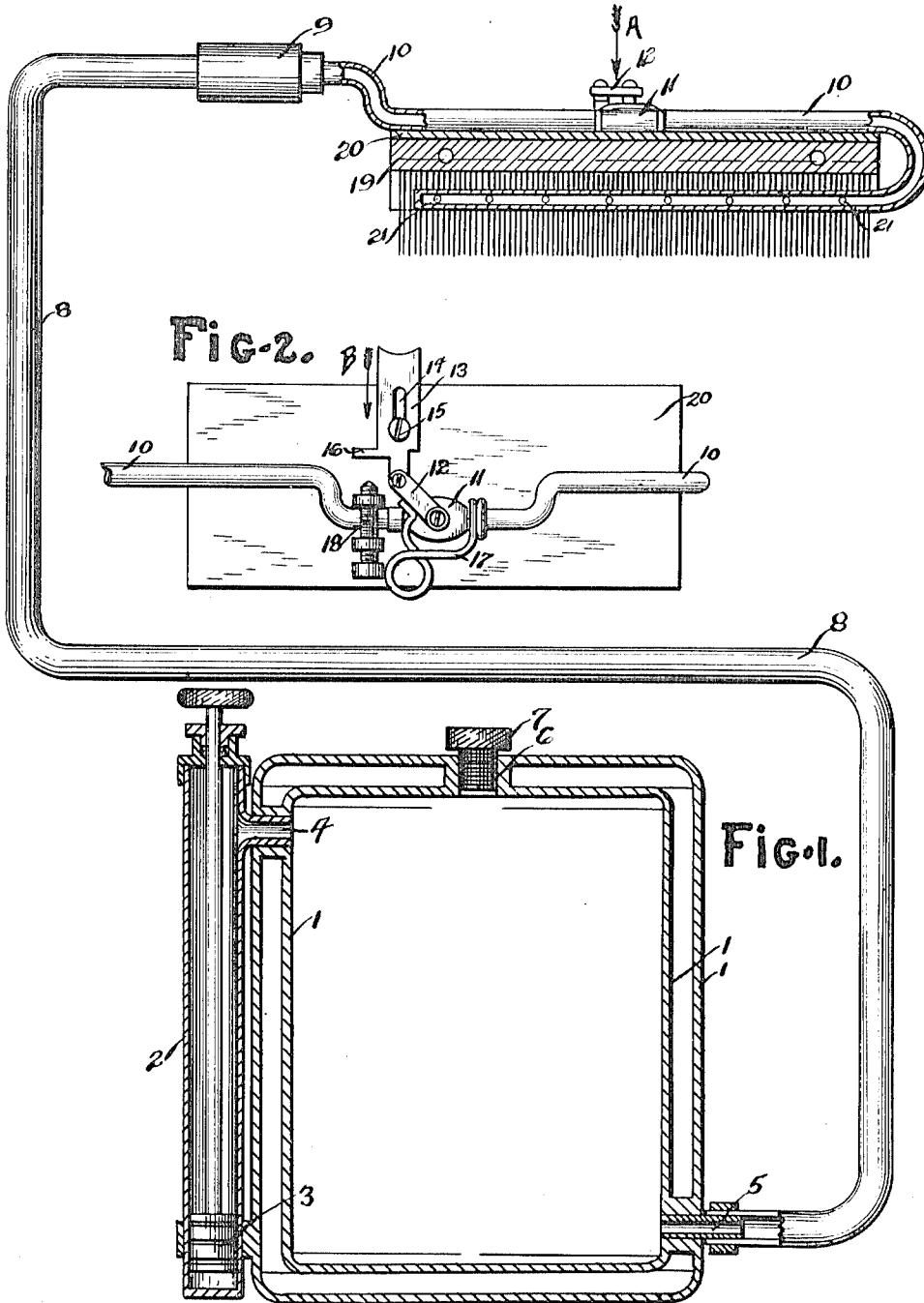


C. BENTON.
CLEANING BRUSH.
APPLICATION FILED MAY 8, 1912.

1,063,847.

Patented June 3, 1913.



WITNESSES:

J. D. Hawkins.
J. L. Vaughn.

INVENTOR:

Curtis Benton

UNITED STATES PATENT OFFICE.

CURTIS BENTON, OF SAN FRANCISCO, CALIFORNIA.

CLEANING-BRUSH.

1,063,847.

Specification of Letters Patent.

Patented June 3, 1913.

Application filed May 8, 1912. Serial No. 695,836.

To all whom it may concern:

Be it known that I, CURTIS BENTON, residing in the city and county of San Francisco, State of California, have invented certain new and useful Improvements in Cleaning-Brushes, whereof the following is a specification.

My present invention relates to a cleaning brush in which I combine a means of supplying gasolene, distillate or other cleaning fluid from a pressure tank to the said brush.

The object of my invention is to provide a brush equipped with a valve and a means of fluid connection by a flexible tubing for the purpose of cleaning type, metal surfaces, carpets, upholstery, clothes and the like.

A further object of my invention is to provide means for supplying the cleaning fluid to said brush from a pressure tank, thus obviating the necessity of keeping the supply of fluid suspended above the brush in order to obtain the flow of liquid.

I have illustrated my invention in the accompanying single sheet of drawing, in which—

Figure 1 is an elevation, partially in section, showing the brush and the pressure tank, and also the tubing connection between the two. Fig. 2 is the top plan of the portion of Fig. 1 looking in the direction of the arrow (A).

In these figures (1) is the casing of the tank; (2), the cylinder of the pump for creating a pressure in said tank; (3), the piston in said cylinder; (4), the inlet from said pump to the tank; (5), the outlet; (6), an aperture having therein a plug (7) to facilitate the filling of said tank; (8) is a flexible hose connection, constructed of any material that will resist the chemical effects of hydrocarbons, such as gasolene, etc.; (9) is a flexible joint connecting the hose (8) with the tubing (10), the purpose of which is to avoid the breaking and cracking of the hose (8) where jointed to the tubing (10), by

continual use. On the line of the tubing (10) is shown a valve (11); extending from this valve is a stem, an arm (12), connecting with a slide (13) having therein a guide (14) about a screw (15), and also an extension (16). The valve-stem and slide piece just mentioned are held in the position shown in Fig. 2 by a spring (17); (18) is an adjustment screw against which the extension (16) abuts, thus limiting the flow of fluid that may pass around the valve (11) when the slide piece (13) is moved inward in the direction of the arrow (B), Fig. 2.

At its outer end the tubing (10) is bent to return, as partly shown in section Fig. 1, and is enveloped by the bristles of a brush (19) screwed to a casing (20) in any suitable manner. The tubing (10) has a series of small outlet holes (21) on the sides thereof, which, when the valve (11) is opened, permits the fluid to spray from the same into the bristles of the brush.

While I am aware that a brush with a gasolene connection has been used before in the art, it is not my object to claim broadly a combination of a gasolene connection and a brush for cleaning purposes.

My invention for which I desire to secure United States Letters Patent is set forth in the appended claim.

Claim.

In combination with a scrubbing brush, a distributing member of elongated U-shape, one part being supported on the back of the brush and the other extending through the bristles and having perforations, substantially as described.

In testimony that I claim the foregoing I have hereto set my hand in the presence of witnesses, this 10th day of April, 1912.

CURTIS BENTON.

Witnesses:

L. D. HAWKINS,
J. L. VAUGHN.