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I. SACKS

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FOUNTAIN ATTACHMENT FOR PAINTBRUSHES

Filed March 22, 1928

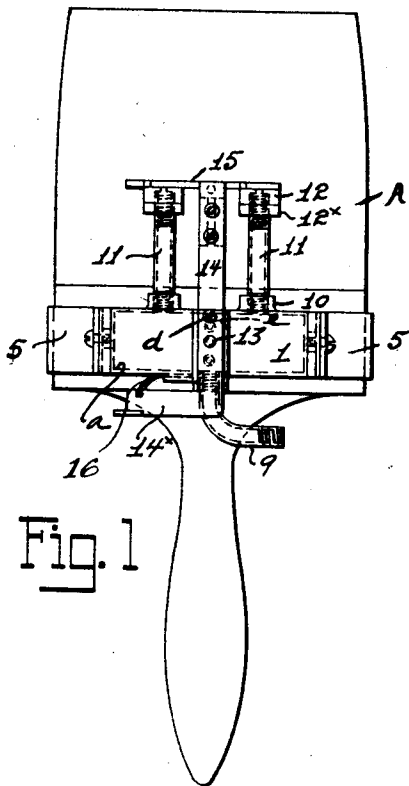


Fig. 1

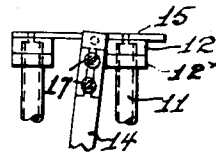


Fig. 2

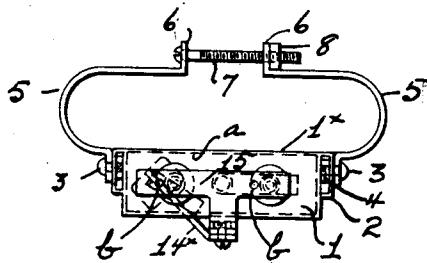


Fig. 3

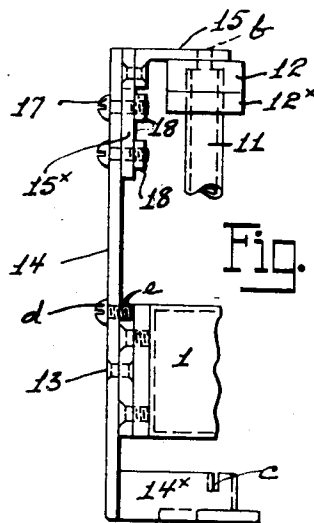


Fig. 4

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FOUNTAIN ATTACHMENT FOR PAINTBRUSHES.

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The object of the present invention is to provide a fountain attachment for paint brushes which shall be effective, non-cloggy, cheaply made, applicable to brushes of various sizes and adjustable. The device is particularly intended for use in conjunction with the flexible conduit leading to a source of paint supply such as a reservoir under air or other pressure.

The invention will be described with reference to the accompanying drawing, in which—

Figure 1 is a front elevation view of the device as applied to a brush, the brush being shown in dotted lines.

Figure 2 is an enlarged detail view, fragmentary in character, showing the end portions of the nozzles, the controlling plate actuating lever.

Figure 3 is a plan view of the device and

Figure 4 is an enlarged side elevation of the device.

In Figure 1 I have shown, in front elevation, my device, the same comprising a casing 1 which, as more particularly shown in Figure 3, is best formed rectangular so that one flat wall thereof 1^a may lie adjacent the brush below the bristle portion A. At each side of the casing is an ear 2 which is formed with an aperture for receiving a screw 3. Within each ear is seated a nut 4 into which the screw is threaded. The screws serve to hold in position the opposed clamping members 5, each clamping member having a bent or flange portion 6 apertured to receive an adjusting screw 7. The screw may coact with a nut 8 for the purpose of bringing the ends 6 toward each other in the clamping operation, reverse movement of the screw releasing the clamp for removal of the device from the brush or for changing its position.

Within the casing 1 is a chamber indicated by the dotted lines *a*, Figures 1 and 2, the chamber being for holding paint which is supplied via a pipe 9 adapted for connection with a flexible or other tubing leading to a container for the main supply of paint. This container (not shown) will be so arranged, as customary, to feed the paint to the chamber either by gravity or under the influence of air or spring pressure.

The top wall of the casing 1 is formed with the bosses 10 each of which is threaded to receive a nozzle 11. The nozzles project upwardly and preferably parallel with the

longitudinal axis of the brush when the device is applied to a brush. Each nozzle may be threaded to receive a threaded sleeve 12 which may be used with or without a lock sleeve 12^x.

Pivoted at 13 on the casing is a lever 14 and adjustably carried at the top of the lever is a cover plate 15. Cover plate 15 normally lies in such position as to close the outlet end of each nozzle 11. However, the cover plate is formed with two apertures *b*, one for each nozzle. The operator upon pushing upwardly upon a finger piece 14^x of lever 14, against the tension of a spring 16 will move plate 15 so as to carry apertures *b* into register with the nozzle openings so that the paint will pass through the nozzles and onto the bristles of the brush. Upon release of the finger piece 14^x spring 16 will restore lever 14 to its initial position as shown in Figure 1. In Figure 4 the cover plate is shown in such position that the nozzles are open.

Spring 16 may be seated within a slot *c* formed in finger piece 14^x and may be screwed or otherwise secured to the casing.

It will be seen by reference to the drawings that the cap plate 15 has a shank piece 15^x by which it is adjustably secured to lever 14. To this end the shank piece is formed with a vertical slot and screws 17 passing through the lever enter the slot and receive nuts 18 by which the shank piece, when in adjusted position, is held rigidly upon the lever. By such means the lever may, when constructed of a given length, be adapted for various lengths of nozzle. In order to effect fine adjustments between the nozzle and the plate, rotation of sleeves 12 upwardly followed by corresponding rotation of the lock sleeves 12^x will compensate for any abnormal distance between the cover plate and the sleeves so as to ensure air-tight closing of the nozzle. By such adjustments great leeway is had in the manufacture of parts, thus decreasing costs. I prefer that the casing, and in fact all of the parts, be made of aluminum, although the spring, screws and like members may be made of harder metal.

Having described my invention what I claim and desire to secure by Letters Patent is as follows, it being understood that changes can be made in the embodiment illustrated in the drawing without departing from the spirit of the invention. Stop screw *d* is adapted to engage a shoulder *e* on the

front casing wall in order to hold lever 14 against undue movement to the left inasmuch as such movement would cause dislodgment of the spring from the finger piece 14*.

I claim:—

1. In combination with a paint brush having a bristle portion and a handle portion of a casing, a clamp adapted to secure the casing upon the brush, a nozzle projected from the casing and communicating with a chamber in the latter adapted to hold paint, the nozzle extending longitudinally of the brush bristle portion and toward the outer end thereof, a lever pivoted on the casing and having a thumb piece, and a cover member carried by the lever and normally acting to cover the discharge end of the nozzle, and movable by the lever to a position exposing the discharge end of the nozzle.

2. In combination with a brush having a

handle portion, and a bristle portion of a casing having an inlet for paint, means for securing the casing to the brush, a plurality of nozzles projecting from the casing and communicating with a chamber formed in the latter, a lever having a thumb piece adapted to lie adjacent the handle portion of the brush and a cover member carried by the lever, said cover member lying in register with the nozzles to close the same and being movable by the lever to two positions, in one position bringing an apertured portion of the cover into register with each nozzle.

3. A device constructed in accordance with the preceding claim including means whereby the cover is adjustable relatively to the lever.

In testimony whereof I have signed my name to this specification.

IRVING SACKS.