May 16, 1950 E. L. BENNETT 2,507,881

BRUSH MOUNT

Filed Jan. 30, 1948

FIG. 1

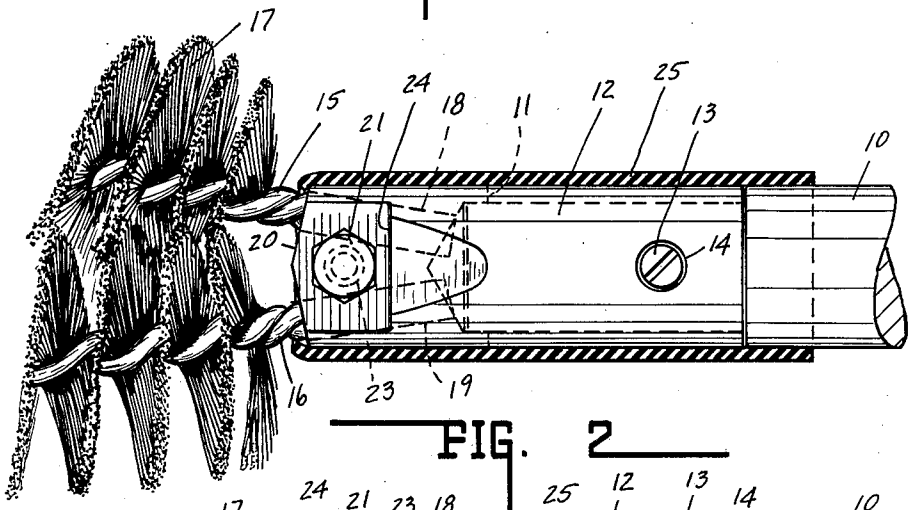


FIG. 2

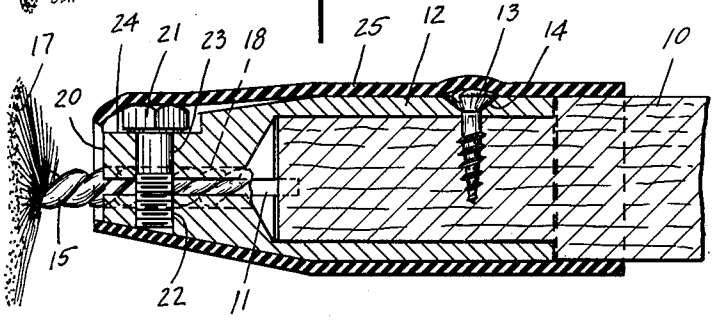
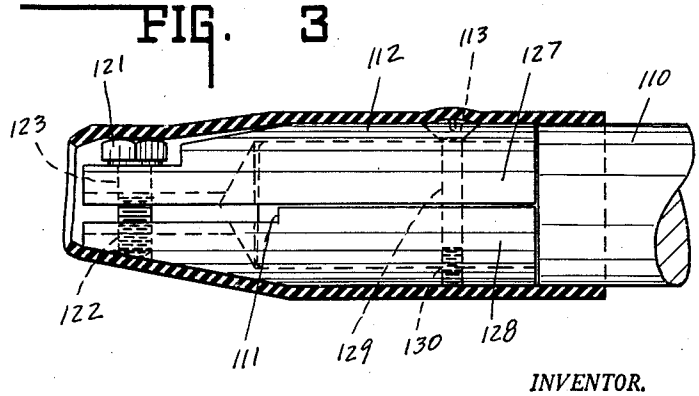


FIG. 3



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BRUSH MOUNT

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2 Claims. (Cl. 306—26)

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This invention relates to a brush mount.

The chief object of this invention is to provide a brush mount comprised of a tubular structure adapted for handle connection at one end, and the opposite end having an intermediate slotted opening along an appreciable portion of the sides permitting resilient clamping of brush ends, the clamping end also having brush end sockets.

Another object of this invention is to provide a resilient non-marring mount.

The chief feature of this invention resides in a brush mount comprised of one or two pieces, the one-piece brush mount being the preferred form. The brush mount is adapted for handle connection at one end, and the opposite end has an intermediate slotted opening along a portion of the sides for the resilient clamping of brush ends, the clamping end having brush end accommodating coplaner sockets that converge inwardly.

Other objects and features of the invention will be set forth more fully hereinafter.

The full nature of the invention will be understood from the accompanying drawings and the following description and claims:

In the drawing Fig. 1 is a top plan view of a one-piece brush mount with a resilient non-marring cover, the latter being shown in central section.

Fig. 2 is a longitudinal section of the brush mount and resilient non-marring cover shown in Fig. 1.

Fig. 3 is a side elevation of a modified form of the invention, the cover being shown in central section.

In Figs. 1 and 2 of the drawings a brush handle 10 is shown secured to the brush mount 12 by a screw 13 which is screwed into handle 10 through a countersunk hole 14. The wire brush ends 15 and 16 of the brush 17 are clampingly secured in the socket grooves 18 and 19 which enter the brush mount 12 through the curved front face 20.

The socket grooves 18 and 19 are coplanar and converge inwardly, for the distance between the socket grooves 18 and 19, where they enter face 20, is greater than the distance between said grooves at their inner terminations. These sockets are coincident with the slot or kerf 11.

In Fig. 2, 21 indicates a locking bolt which, when tightened, engages the threaded portion 22 of hole 23 and locks the brush ends 15 and 16 securely in the socket grooves 18 and 19. The locking action of the bolt 21, acting upon the ends formed by slot 11, provides additional clamping.

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When the locking bolt 21 is in a locking position, the head thereof fits into notch 24 so that the bolt 21 does not protrude above the brush mount 12 thereby allowing the non-marring rubber cover 25 to slip over the brush mount 12. Also such notch provides a flat bearing face.

Fig. 3 illustrates a two-piece form of the brush mount 112. 127 indicates one portion and 128 the other portion of such mount. Brush handle 110 is secured to brush mount 112 by a locking bolt 113 which is inserted into handle hole 129 and is screwed into the threaded aperture 130 in portion 128. The other parts of this mount are like those shown in Figs. 1 and 2. This two piece structure functions identical to that previously described and illustrated in Figs. 1 and 2.

While the invention has been illustrated and described in great detail in the drawings and foregoing description, the same is to be considered as illustrative and not restrictive in character.

The several modifications described herein, as well as others which will readily suggest themselves to persons skilled in this art, all are considered to be within the broad scope of the invention, reference being had to the appended claims.

The invention claimed is:

1. A brush mount comprising body means providing a tubular socket at one end for handle end reception, means on said portion for securing a handle end in the socket, the body means at the opposite end having a face biased to the longitudinal axis of the mount, said opposite end having two spaced tongues, the confronting faces of the tongue including a plurality of grooves disposed generally longitudinally thereof, one of the tongues having an exposed recess, a bolt having a head seated in the recess and extending through the recessed tongue and threaded into the adjacent tongue for clampingly mounting brush ends in the grooves in the body means and between said tongues, and a resilient non-marring cushion sleeve enveloping the entire body means, the bolt and the handle securing means.

2. A brush mount comprising body means of two complementary elements at one end forming therebetween a tubular socket for handle end reception, a single means simultaneously securing the handle and said elements together, the complementary elements at the other end forming longitudinally disposed spaced tongues, one of which has a biased exterior face, the con-

fronting faces of the tongues including a plurality of grooves disposed generally longitudinally thereof, one of the tongues having an exposed recess, a bolt having a head seated in the recess and extending through the recessed tongue and threaded into the adjacent tongue for clampingly mounting brush ends in the grooves in the body means and between said tongues, and a resilient non-marring cushion sleeve enveloping the entire body means, the bolt and the handle securing means.

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