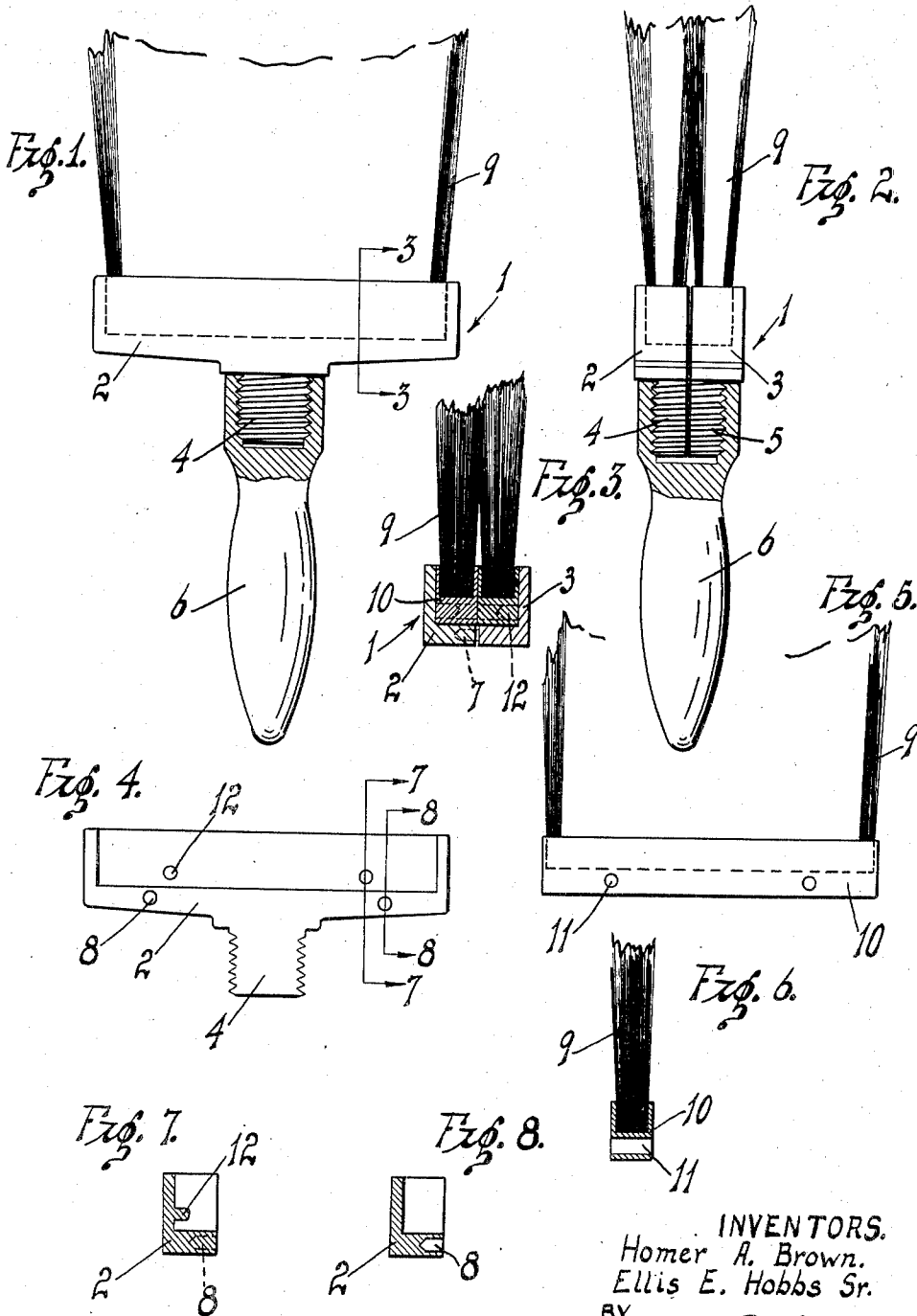


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H. A. BROWN ET AL
REMOVABLE BRISTLE BRUSH

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REMOVABLE BRISTLE BRUSH

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1

This invention relates to a novel removable bristle brush, particularly useful for paint brushes, and the prime object of our invention is to provide a brush in which the bristles are both removable from and reversible in the base of the brush. Paint brushes which have been used for some time will wear the outer bristles due to the abrasion against the painted surface, and an object of our invention is to provide means whereby the bristle pads can be reversed, thus placing the short worn bristles on the inside, leaving the unworn, full length bristles on the outside, and thus preventing the paint from splattering.

Another feature of our invention is to provide a relatively thin bristle section which can be easily and quickly cleaned.

Still another object of our invention is to provide a brush of the character stated, in which the hard heel caused by hardened paint in the center and base of the brush is eliminated.

Still another feature is to provide a brush of the character stated which can be quickly and easily disassembled and assembled for cleaning purposes.

Other objects, advantages and features of invention may appear from the accompanying drawing, the subjoined detailed description and the appended claims.

In the drawing

Figure 1 is a side elevation of our brush, the handle being broken away to show interior construction.

Figure 2 is an end view of our brush with the handle broken away to show interior construction.

Figure 3 is a transverse sectional view of the base and bristle pads in assembled position, taken on line 3-3 of Figure 1.

Figure 4 is a side elevation of one of the units of the base.

Figure 5 is a side elevation of the bristle section and ferrule.

Figure 6 is a transverse sectional view of one of the bristle pads.

Figure 7 is a sectional view taken on line 7-7 of Figure 4.

Figure 8 is a sectional view taken on line 8-8 of Figure 4.

Referring more particularly to the drawing, the numeral 1 indicates a brush base which is formed with two complementary sections 2-3. Each of these sections includes a half threaded pins 4 and 5, these pins when assembled form a complete threaded pin on to which the handle 6 is threaded, thus holding the base sections in as-

2

sembled position. The section 3 is provided with two or more dowel pins 7 and these pins extend into holes 8 in section 2 substantially as shown. The base sections are thus held in proper alignment and are clamped against the bristle sections as will be subsequently described.

Two or more bristle sections 9 are removably mounted in the base 1 and each of these sections include a ferrule 10 which is preferably formed of metal, although other substances may be used. The bristles are mounted in the ferrule in any usual and well known manner. The ferrules 10 are provided with transversely extending holes 11 and the base sections 2 and 3 are each provided with inwardly extending pins 12 which extend into the holes 11 and thus hold the ferrules 10 securely in position. It will be evident that the bristle pads can be reversed when necessary, that is, the inside bristles can be moved to the outside of the brush. Furthermore, the bristle sections can be quickly and easily removed for cleaning purposes by unscrewing the handle 6, thus enabling the base sections 2 and 3 to be pulled apart, and thus releasing the bristle pads.

Since the bristle pads are relatively thin transversely, it is easy to clean the bristles and no hard heel or accumulation of paint will occur at the base of the bristles.

Having described our invention, we claim:

1. A brush comprising a base, said base including a pair of complementary hollow sections facing each other, each of said sections having a threaded half pin extending therefrom, a handle threaded on to the pins in assembled position, a dowel extending from one of the base sections, the other base section having a hole therein to receive the dowel, bristle pads mounted in the hollow part of the base sections each of said pads including a ferrule, said ferrules having mount holes extending transversely therethrough, and each of said base sections having an inwardly projecting pin extending into said transverse holes in the ferrule, whereby the bristle pads are removably held in the base.

2. A brush comprising a base, said base including a pair of complementary hollow sections facing each other, each of said sections including a threaded half pin extending therefrom, a handle threaded onto the pins in assembled position, a dowel extending inwardly from one of the base sections, the other base section having a hole therein to receive said dowel, a pair of bristle pads mounted in the hollow base sections, each of said pads including a metal ferrule from which the bristles extend, said ferrules having mount

3

holes extending transversely therethrough, an inwardly projecting pin on each of said base sections, said pin extending into said transverse hole in the ferrule whereby the bristle pads are removably held in the base and are reversible in said base.

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4

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