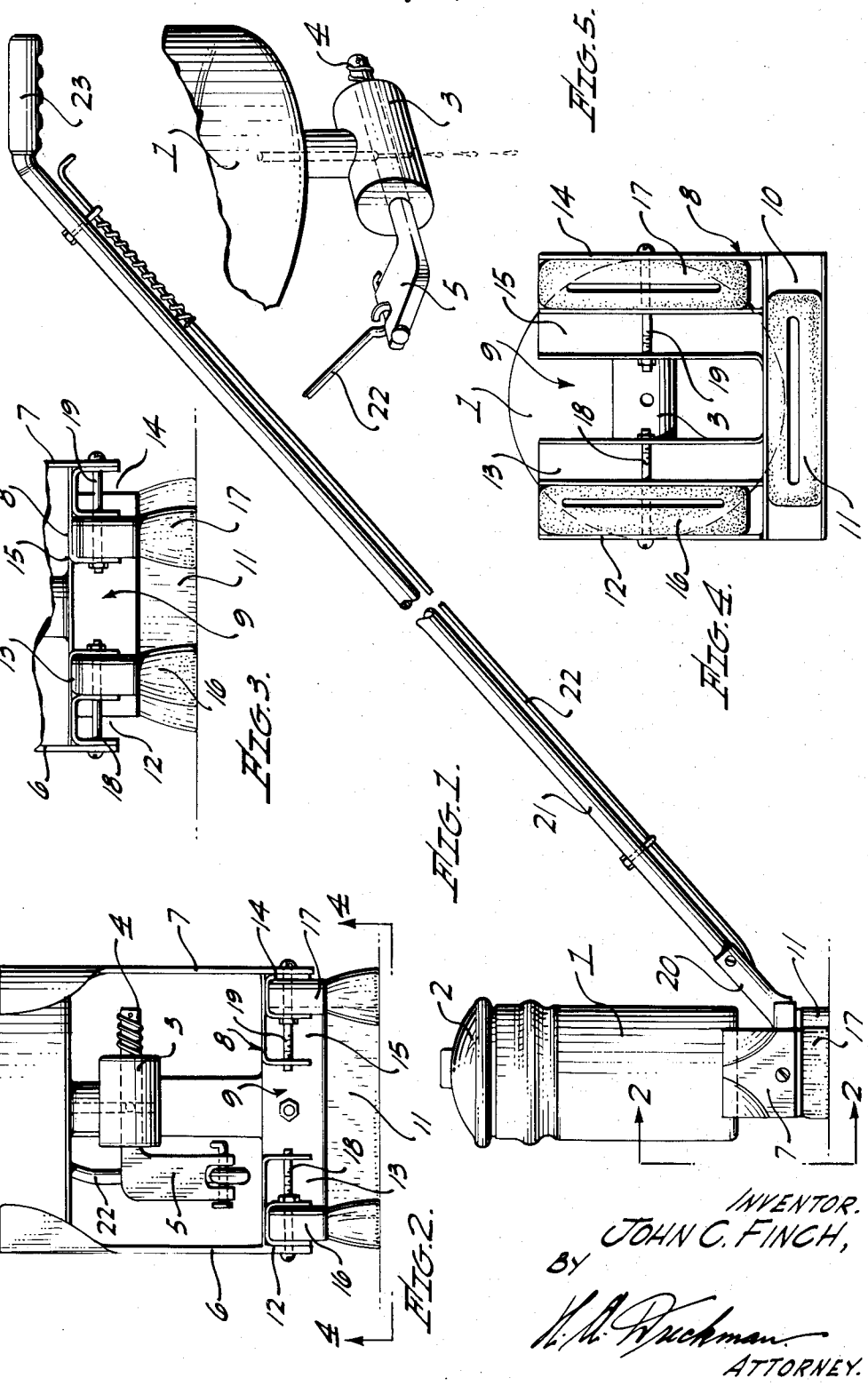
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STRIP PAINT APPLICATOR

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STRIP PAINT APPLICATOR

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3 Claims. (Cl. 15—131.05)

This invention relates to a strip paint applicator whereby paint stripes can be applied in such places as a parking lot, tennis and badminton courts, etc.

An object of my invention is to provide a novel strip paint applicator which includes movable brushes which engage the ground or courts surface for the purpose of wiping the paint on to the surface, these brushes being adjustable to vary the width of the stripe.

A feature of my invention resides in the novel means whereby the flow of paint is controlled so that a proper quantity of paint will flow on to the surface where the paint is being applied.

Still another object of my invention is to provide a novel strip paint applicator, which is simple in construction, inexpensive to manufacture, and effective in use.

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 my strip paint applicator.

Figure 2 is an enlarged fragmentary view taken from the line 2—2 of Figure 1.

Figure 3 is a fragmentary side elevation similar to Figure 2, but showing the brushes in another position.

Figure 4 is a bottom plan view taken from the line 4—4 of Figure 2.

Figure 5 is a perspective view of the paint container and control cock.

Referring more particularly to the drawing, the numeral 1 indicates a paint container which consists of a cylindrical can closed at the top by a cover 2. A control cock 3 is mounted in the bottom of the can 1, and the plug 4 of the cock is formed with an arm 5 to rotate the plug in a manner which will be subsequently described.

A pair of arms 6—7 depend from the container 1 and these arms are fixedly attached to the container by welding, riveting, etc., and extend a substantial distance below the bottom edge of the container 1.

A brush holder 8 is fixedly secured to the lower end of the arms 6—7 in a suitable manner, and this brush holder is substantially U-shaped, that is, it is provided with a central opening 9, arranged below the cock 3 so that paint will flow through this opening and on to the surface where the stripe is to be placed when the cock 3 is open. In other words, paint will continuously flow out of the cock 3 and through the opening 9, and thence on to the surface of the ground or court, to be brushed into a line or stripe, as will be further described.

The brush holder 8 is formed of metal and is provided with a transverse channel 10 which extends between the arms 6 and 7. A brush 11 is mounted in the channel 10 and this brush serves to smooth the paint into the strip as this paint flows from the cock 3. All of the brushes herein described are provided with metal bases from which the bristles extend, all of which is usual and well known in brush construction.

The brush holder 8 also includes a pair of channels 12—13, on one side of the opening 9, and a second pair of channels 14 and 15 on the other side of the opening 9. The channels 12, 13, 14 and 15 all extend at right angles to the transverse channel 10, as is shown in Figure 5, and

these channels receive the brushes 16 or 17 which serve to confine the paint and form a stripe of the desired width. By shifting the brushes 16 and 17 into the channels 12—13, or 14—15, the width of the stripe can be varied to suit the particular needs.

A bolt 18 extends horizontally through the channels 12 and 13, and through the base of the brush 16, thus holding the brush in the desired channel. Similarly, a bolt 19 extends through the channels 14 and 15, thus holding the brush 17 in the requirel position.

A handle ferrule 20 is fixedly attached to the brush holder 8 at the rear thereof, and a handle 21 is fixed in this ferrule, thus enabling the paint applicator to be moved along the surface where the stripe is being applied. A rod 22 is slidably attached to the handle 21 and at its lower end is secured to the arm 5, thus rotating the plug 4 of the cock 3 to open or close this cock as desired. The upper end of the rod 22 is positioned adjacent the handle 23 so that it is readily accessible to the user.

Having described my invention, I claim:

1. A strip paint applicator comprising a paint container, a cock in the bottom of said container, a brush holder mounted on said container and spaced from the bottom of the container, said brush holder having an opening therethrough below said cock, said brush holder having a transversely extending channel formed therein, a brush mounted in said channel, said brush holder having a pair of adjacently positioned channels formed therein on one side of said opening, and a second pair of adjacently positioned channels formed therein on the other side of said opening, and a brush mounted in one of the pairs of said channels.

2. A strip paint applicator comprising a paint container, a cock in the bottom of said container, a brush holder mounted on said container and spaced from the bottom of the container, said brush holder having an opening therethrough below said cock, said brush holder having a transversely extending channel formed therein, a brush mounted in said channel, said brush holder having a pair of adjacently positioned channels formed therein on one side of said opening, and a second pair of adjacently positioned channels formed therein on the other side of said opening, and a brush mounted in one of the pairs of said channels, a bolt extending through both of said adjacently arranged channels, said bolt extending through the brush mounted therein, to removably secure said brush in position.

3. A strip paint applicator comprising a paint container, a pair of arms depending from said container at the bottom thereof, a brush holder fixedly attached to said arms and spaced below said container, said brush holder being substantially U-shaped and having an opening at the center thereof, said container having a cock in the bottom thereof and above said opening, said brush holder having a transversely extending channel formed therein at the rear thereof, a brush in said channel, said brush holder having adjacently arranged pairs of channels on each side of said opening and extending at right angles to said first named channel, a brush in each of the pairs of channels, and a bolt extending through both of said adjacently arranged channels and through the brushes therein to hold said brushes in position.

References Cited in the file of this patent

UNITED STATES PATENTS

18,416	St. John	Oct. 13, 1857
1,735,358	Postel	Nov. 12, 1929
2,116,407	Nissly	May 3, 1938
2,262,497	Holesworth	Nov. 11, 1941
2,290,302	Terry	July 21, 1942
2,352,431	Hardy	June 27, 1944
2,566,624	Myers	Sept. 4, 1951