Feb. 25, 1958 G. L. BEDFORD 2,824,328

PAINT APPLYING DEVICE

Original Filed Oct. 31, 1952

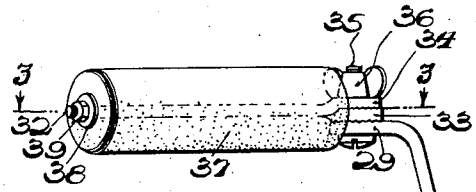


FIG. 1

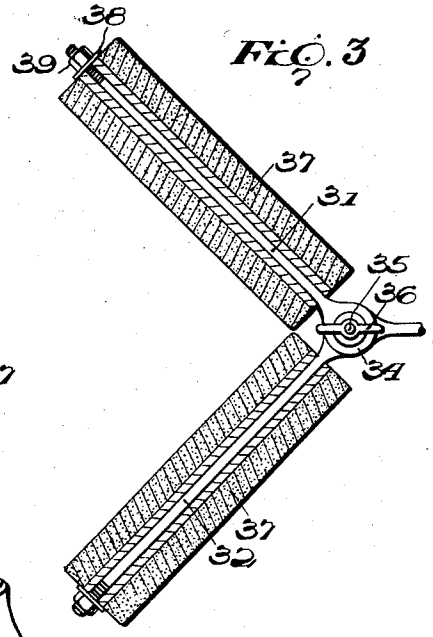


FIG. 3

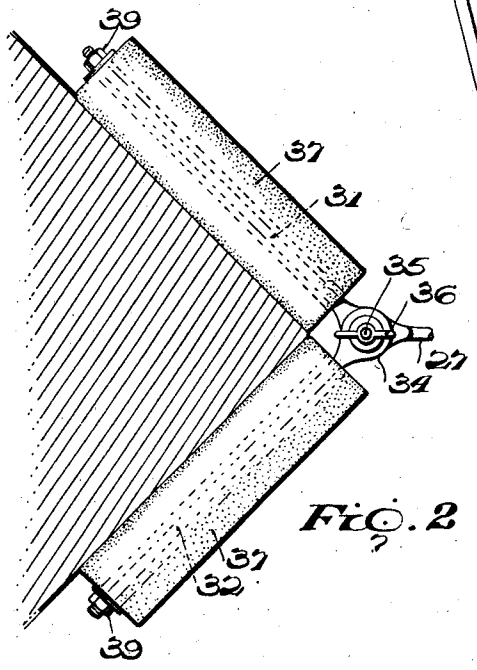


FIG. 2

FIG. 5

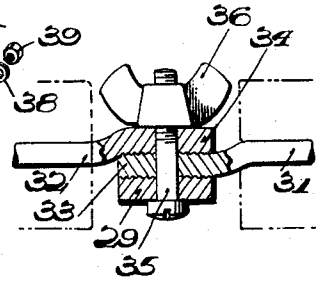
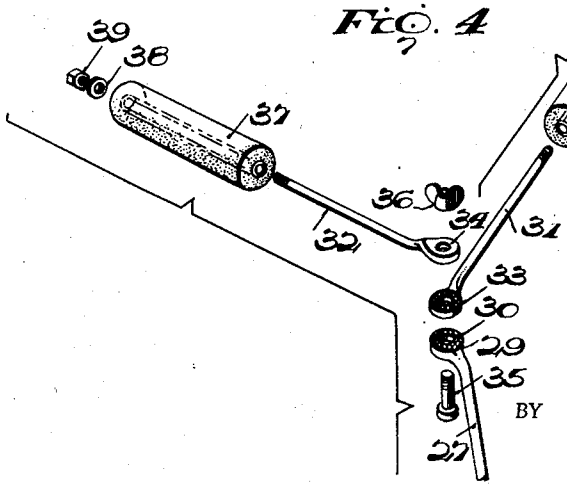


FIG. 4



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2,824,328

PAINT APPLYING DEVICE

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Original application October 31, 1952, Serial No. 318,151. Divided and this application February 6, 1956, Serial No. 568,143

2 Claims. (Cl. 15—230)

(Granted under Title 35, U. S. Code (1952), sec. 266)

The invention described herein, if patented, may be manufactured and used by or for the Government for governmental purposes without the payment to me of any royalty thereon.

This is a division of my copending application, Serial No. 318,151, filed October 31, 1952.

My invention relates to a paint applying device.

A primary object of the invention is to provide a highly simplified and inexpensive tool for applying paint to wall corners, and to the corners and mullions of window sashes and the like.

A further object is to provide a device of the above-mentioned character which is readily adjustable to facilitate the painting of surfaces arranged at various angles to each other.

A further object is to provide a device of the above-mentioned character which will aid greatly in the painting of angular puttied surfaces close to window panes.

Still another object of the invention is to provide a paint applying tool of the above-mentioned character which in some forms is cheap enough to be expendable.

Other objects and advantages of the invention will be apparent during the course of the following description:

In the accompanying drawings, forming a part of this application, and in which like numerals are employed to designate like parts throughout the same,

Figure 1 is a side elevation of a paint applying device embodying a further modification of the invention disclosed in said co-pending application,

Figure 2 is a plan view of the same illustrating the use of the device in painting a wall corner, or the like,

Figure 3 is a horizontal cross section on line 3—3 of Figure 1,

Figure 4 is an exploded perspective view of the device, part broken away, and,

Figure 5 is an enlarged cross sectional view of roller adjusting means.

Referring specifically to the drawing, this form of paint applying device differs from that of my copending application aforesaid in that it is adapted for use in painting larger angularly disposed surfaces such as the corners of plastered walls, woodwork corners and the like. The device illustrated is considerably larger than the two species of such copending application, is more costly to make and is not regarded as being expendable.

The present form of the paint applying device comprises an elongated straight rod or handle 27, provided at one end with a suitable hand grip 28, rigidly secured thereto. The other end of the rod 27 carries an integral lateral extension, in the form of a flat substantially circular apertured disk or head 29, which preferably has its front surface knurled or grooved as shown at 30. The head or disk 29 is preferably arranged at an obtuse angle of somewhat more than 90° to the rod 27, as shown, to facilitate convenient manipulation of the device.

Straight shafts or axles 31 and 32 are provided, and

have flat substantially circular apertured disks or heads 33 and 34 integrally secured to their inner ends, as shown. The disk 33 preferably has its opposite faces knurled or grooved, and the rear face of the disk 34 is likewise knurled or grooved, so that when the three disks 29, 33 and 34 are assembled in superposed contacting relation and clamped together, the same will be securely held against rotation about their common axis. As shown in Figure 5, the disks or heads 33 and 34 are slightly offset laterally in opposite directions with respect to the axles 31 and 32, so that the axles will lie in the same plane, in assembly.

A bolt 35 engages through the apertures of the disks 29, 33 and 34, and this bolt carries a winged nut 36 which bears against the outer side of the disk 34, for clamping the three disks together in superposed contacting relation, as indicated.

Felt or fleece covered rollers 37 are freely rotatably mounted upon the axles 31 and 32, and extend throughout substantially the entire lengths of the axles, the outer ends of the axles being screw-threaded, as shown. Flat washers 38 and nuts 39 are mounted upon the outer ends of the axles 31 and 32 for securing the rotatable rollers 37 thereto.

In use, the angular relationship of the cylindrical rollers 37 is adjusted by loosening the nut 36 and turning the axles 31 and 32 about the bolt 35. When the desired angle between the rollers 37 is obtained, the nut 36 is tightened and the three knurled disks 29, 33 and 34 are tightly clamped together. The rollers 37 are then dipped into the paint, and the device may then be used for applying paint to the corner of a plastered wall, rectangular post, woodwork or the like. By extending the handle 27 from the disk 29 at an angle slightly greater than a right angle, the application of a straight-line pull to the rollers 37 is facilitated. Also, overhead work is made easier.

It is to be understood that the form of the invention herewith shown and described is to be taken as a preferred example of the same, and that various changes in the shape, size and arrangement of parts may be resorted to, without departing from the spirit or scope of the invention, as hereinafter claimed.

I claim:

1. In a paint applying device, comprising a handle having a front end formed to provide a disk, said disk having a front face which extends from said handle at an obtuse angle which is but slightly greater than a right angle, a pair of axles each having a disk-shaped head, one of said heads being rearwardly offset and seated on said front face of said disk, the other of said heads being forwardly offset and seated on top of said first named head with said axles disposed in diverging relation, said heads being so offset that said axles lie in a common plane, said heads and axles being movable relative to each other and to said disk to vary the angle of divergence of said axles, adjustable clamping means securing said disk and said heads together in selected angularly adjusted positions, and paint applying rollers journalled on said axles.

2. In a paint applying device, comprising a handle having a front end formed to provide a disk, said disk having a front face which extends from said handle at an angle, a pair of axles each having a disk-shaped head, one of said heads being rearwardly offset and seated on said front face of said disk, the other of said heads being forwardly offset and seated on top of said first named head, with said axles disposed in diverging relation, said heads being so offset that said axles lie in a common plane, said heads and axles being movable relative to each other and to said disk to vary the angle

of divergence of said axles, adjustable clamping means securing said disk and said heads together in selected angularly adjusted positions, and paint applying rollers journalled on said axles.

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