Jan. 1, 1929. 1,697,756

J. CURRAN

STRIPING DEVICE

Filed June 27, 1927

Fig. 1.

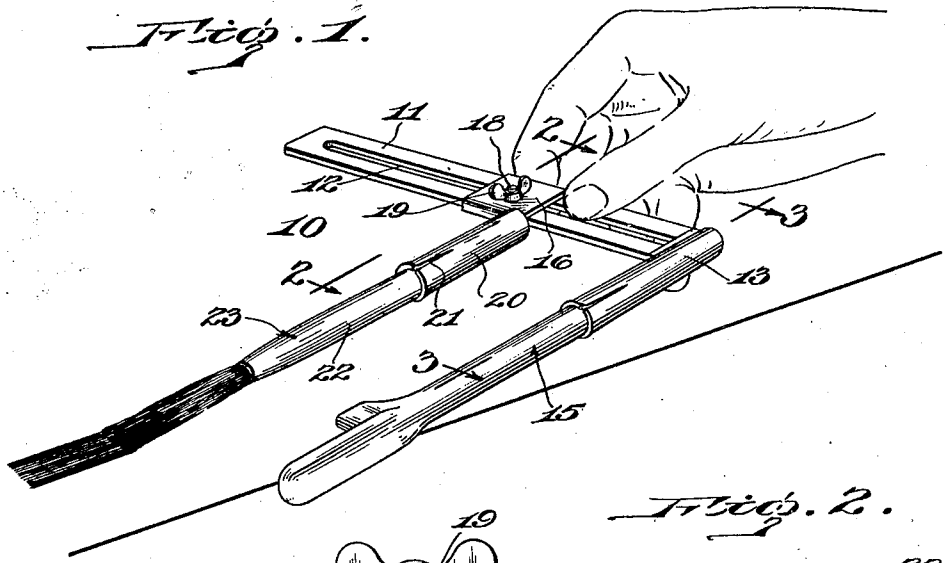


Fig. 2.

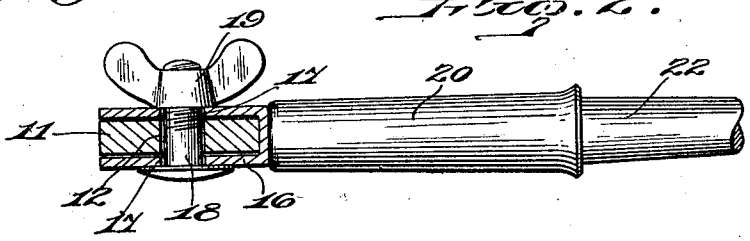


Fig. 3.

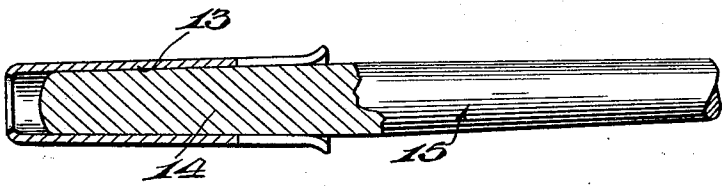
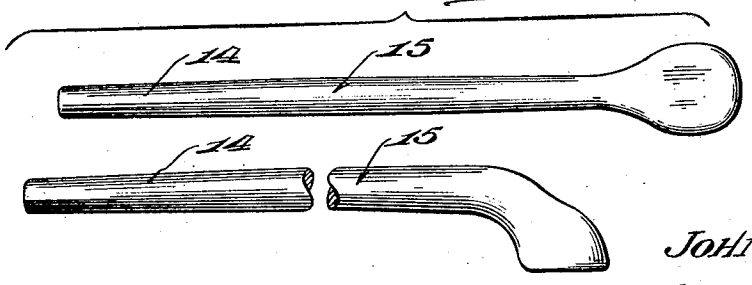


Fig. 4.



JOHN CURRAN
INVENTOR

BY Victor J. Evans
ATTORNEY

WITNESS:

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UNITED STATES PATENT OFFICE.

JOHN CURRAN, OF NEW YORK, N. Y.

STRIPING DEVICE.

Application filed June 27, 1927. Serial No. 201,859.

This invention relates to improvements in striping devices.

The primary object of the invention resides in a striping device by which a brush may be firmly held and guided over a surface to be striped to produce an even and uniform stripe in spaced parallel relation to a straight or curved edge on the article to be striped.

Another object of the invention is to provide a striping device in which the striping brush and the guide therefor are detachably mounted to facilitate the use of brushes of different widths and guide members of different constructions to suit the conditions under which the device may be called upon to operate.

A further object is the provision of a striping device which includes a handle member having a guide at one end thereof, and a brush holder adjustably mounted upon the handle for fixed adjustment toward or away from said guide.

A still further object is to provide a striping device which makes it possible for one unskilled in the art to operate and produce a neat and even line, the same being especially adapted for use in painting stripes upon automobiles bodies and the like.

With these and other objects in view, the invention resides in certain novel construction and combination and arrangement of parts, the essential features of which are hereinafter fully described, are particularly pointed out in the appended claims, and are illustrated in the accompanying drawing, in which:—

Figure 1 is a perspective view of my improved striping device in use.

Figure 2 is a vertical sectional view on the line 2—2 of Figure 1.

Figure 3 is a vertical sectional view on the line 3—3 of Figure 1.

Figure 4 is an elevational view showing the different forms of guide members which may be used in connection with my device.

Referring more particularly to the drawing, the reference numeral 10 designates my improved striping device in its entirety, which includes a flat elongated handle member 11 having a longitudinal slot 12 therein. One end of the handle member has a guide holder socket 13 fixedly mounted thereon and which extends at right angle to the longitudinal axis of the handle member 11. The side wall of the socket 13 is split inwardly from its outer open end to permit of a slight expansion of the walls of the socket when the shank 14 of any one of a plurality of different shaped guide members 15 is inserted therein. The guide member 15 is frictionally held within the socket in a firm condition to prevent any accidental movement of the same during the use of a device.

Slidably mounted on the handle member 11 is a bracket 16 which is substantially U-shape in cross section, the bight portion of the bracket overlying the inner edge of the handle member to prevent accidental swinging movement of the bracket, while the sides of the same straddle the handle member and engage the side flat faces thereof. The bracket is provided with aligned openings 17 for register with the slot 12 and through which the threaded shank of a headed bolt 18 extends. A thumb nut 19 co-acts with the threaded end of the bolt and when tightened down against the bracket, serves to clamp the same in an adjusted position along the nut of said handle member.

Extending from the bracket and disposed parallel to the guide socket 13, is a brush holder socket 20, the walls of the socket being split inwardly as at 21 to render them expansive to detachably receive the handle 22 of a paint brush 23. The brush is frictionally supported within the socket and may be removed for the substitution of a brush of a different spread or width, depending upon the thickness of the stripe desired.

In operation of the device, the same is grasped along the handle member 11 by the hand of an operator, who places the guide member 15 along the side edge of the surface to be striped. It will of course be understood that the brush holder is adjusted with respect to the guide member depending upon the distance desired between the stripe and the side edge. The operator then proceeds to draw the device along the surface maintaining the guide member against the side edge of the article with the brush engaging the surface. It will be seen that the device may be drawn rapidly and that an even and uniform stripe may be produced in spaced parallel relation to the guiding edge.

In Figure 4 of the drawing, I have shown several different designs of guide members which may be inserted into the socket 13 as needed to meet certain conditions under which the device may be used.

What is claimed as new is:—

1. A device of the class described compris-

ing a handle member having an elongated slot therein, a guide holder fixed to one end of said handle member, a bracket slidably mounted on said handle member, a brush holder extending from said bracket in parallel relation to said guide holder, and clamping means for holding said bracket in various adjusted positions along said handle member.

2. A device of the class described comprising an elongated handle member, a tubular socket terminally and right angularly mounted on said handle, a brush mounted on said handle parallel to and adapted to be adjustably spaced from said socket, and guide means adapted to be secured in said socket and having terminal means for slidably guiding said handle.

3. A device of the class described comprising a handle having an elongated slot therein, a tubular socket terminally and right angularly mounted on said handle, a bracket having a brush carrying socket slidably mounted on said handle, clamping means for the bracket, and terminal guide means secured in said first mentioned socket for slidably conducting a brush.

In testimony whereof I have affixed my signature.

JOHN CURRAN.