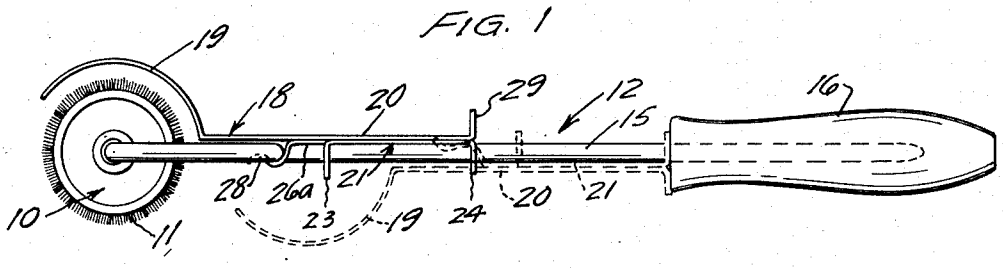
May 27, 1958 O. PEARSON 2,835,915

ROLLER BRUSH SPLASH GUARD

Filed Nov. 14, 1952

FIG. 1



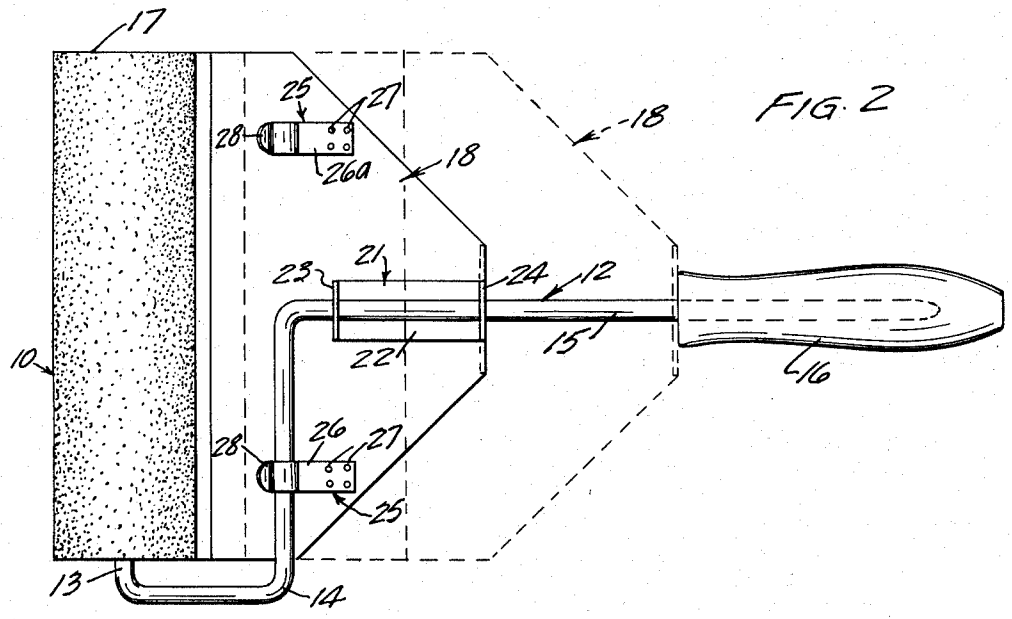


FIG. 2

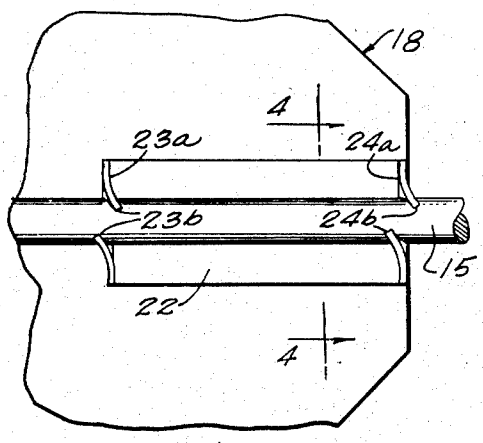
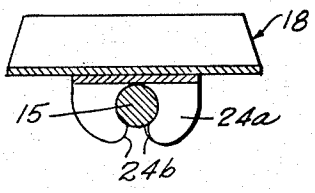


FIG. 3

FIG. 4



INVENTOR

OSCAR PEARSON

BY Williamson, Williamson, Schroeder & Adams

ATTORNEYS

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ROLLER BRUSH SPLASH GUARD

Oscar Pearson, Minneapolis, Minn., assignor of one-half to Vincent C. Hermstad, Minneapolis, Minn.

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4 Claims. (Cl. 15—248)

This invention relates to roller brushes adapted to apply to the surface of walls liquids such as paint without spattering and more particularly to a splash guard for a roller brush.

It is a general object of the invention to provide for a cheap and simple splash guard for roller brushes which may be furnished as an attachment for conventional roller brushes or may be supplied as a standard part thereof.

More specifically, it is an object of the invention to provide for a splash guard to be mounted upon a roller brush wherein the guard may be maintained in proper position to prevent splashing and spattering of paint regardless of whether the brush is being used with its edging position to the right or to the left.

It is another object of the invention to provide for a splash guard of the class described in which the guard will be secured in one position upon the roller brush and may be shifted easily and positively to another position at the reverse side of the brush, the novel construction comprising a minimum of parts and the body thereof lending itself to the imprinting of advertising literature thereon.

These and other objects and advantages of my invention will more fully appear from the following description made in connection with the accompanying drawings wherein like reference characters refer to similar parts throughout the several views and in which:

Fig. 1 is a side elevation of my roller brush and splash guard with the edging position to the rear and the splash guard in operative position over the outermost area of the roller. The dotted line configuration indicates the position of the splash guard when retracted and rotated to reverse position;

Fig. 2 is a bottom plan view showing the splash guard advanced from the dotted line reversed position to the new latched operative position and with the free roller edge likewise in a reversed position to that shown in Fig. 1;

Figure 3 is an enlarged fragment of the splash guard extension in mounted condition showing a modified form of securing member having split-flange means for gripping the rearward handle extension;

Figure 4 is a cross sectional view taken on the line 4—4 of Figure 3.

Referring now more particularly to the drawing, the roller brush proper may be a conventional brush having an applicator such as the cylindrical brush **10**, being covered at the outer surface thereof with such absorbent material as felt **11**. A reversible handle **12** terminates forwardly in a shaft **13** which is disposed axially within the cylindrical brush **10** for free rotation thereon. The handle has a bent portion **14** extending rearwardly beyond the diameter of roller brush **10** and merging into a straight portion **15** which is disposed in the general longitudinal direction of travel during the painting operation with the cylindrical brush **10** rolling forwardly about a

lateral axis. The reversible handle terminates in a grip **16** which is adapted to be held in the hand of the user. When normally employing the brush, the end **17** of the cylindrical brush is employed for edging, that is for running a line of paint to a corner or to decorative boundaries. If the edge to be formed is at the right hand side of the general area painted, then the end **17** is disposed likewise to the right hand side. If, on the other hand, the edge of the painted area is to be left then, the reversible handle **12** is turned over with the roller brush end **17** being likewise at the left hand side.

My invention comprises a splash guard which is mounted in a novel manner to the handle of a conventional roller brush in such a manner that it is adaptable to quick change whether the edging to be accomplished is at the right or left hand side. In either event, the guard may be positioned over the most outwardly extending surface of the cylindrical brush where particles and droplets of said paint would normally fly outwardly from centrifugal force and spatter areas which it is desired not to paint or may even spatter the clothing and skin of the painter. The splash guard will prevent such spattering and splashing and becomes a necessity where it is desired to utilize the roller type brush for rapid and efficient paint application. The splash guard has a sheet body **18** which in turn has a forwardly extending fender **19**. The fender **19** is adapted to overlie the cylindrical brush **10** and is preferably curved in an arcuate manner to conform to the curvature of the cylindrical brush surface. Rearwardly of the fender the sheet body **18** terminates in a plate **20**. Although the plate **20** need not have a large area it is preferred to extend the fender portion rearwardly in a manner such as to present a considerable flat area suitable for imprinting advertising literature. It is understood, of course, that this area does not materially assist in preventing spattering and splashing as does the forward fender portion **19**. The sheet body **18** is slidably and rotatably mounted upon the handle **12**. The mounting is accomplished by a combined sliding support and bearing element **21** which is preferably mounted at a medial position on the plate **20** with the flat back **22** secured to the plate **20**, preferably by soldering or other similar fastening means. Outwardly extending flanges **23** and **24** have openings therethrough for slidable mounting on the straight rearward extension **15** of the handle **12**. These flanges **23** and **24** may be slit from the outer edge of the central opening in order to be sprung for mounting on the handle of a conventional roller or may be placed upon the rearward extension **15** before the hand grip is secured thereto. It will be observed that the sliding support and bearing element makes it possible for the splash guard proper to be advanced and retracted slidably on the straight handle portion **15** and when in a retracted position as shown by the dotted line position of Fig. 2, may also be rotated about the rearward straight portion **15**. The split flange arrangement is shown in Figure 3 and Figure 4. Flange **23***a* is split at **23***b* for springing attachment to a rearward handle extension **15** and flange **24***a* is similarly split at **24***b*. With such modified arrangement, the entire splash guard may be removed from and replaced in gripping relation upon the rearward extension **15** even though the hand grip **16** remains secured in place thereon.

Also secured to the rearward extension **20** of the sheet body **18** is latch means **25**. The latch means **25** preferably comprises a pair of leaf spring latches **26** and **26***a* which are secured as by rivets **27** to the plate **20** and at the same side of the plate that bears the sliding support and bearing element **21**. The forwardly extending portion of each of the leaf springs **26** and **26***a* terminates in a curved end portion **28** which presents a spaced open-

ing with the surface of plate 20 for engaging the intermediate bent portion 14 of the reversible handle element 12. One of the latch members 26 is disposed to one side of the straight handle extension 15 and the other latch 26a is disposed similarly to the opposite side. A small upstanding finger grip 29 may be secured to the rear of plate 20 for manipulating the splash guard and for pushing the spring latch into and out of engagement with the bent portion 14 of the reversible handle 12.

In the use and operation of my roller brush, the sheet body 18 of the splash guard may be pushed into the position as shown in Fig. 1 with the spring latch 26a in engagement with the bent portion 14 of the reversible handle 12. In this position the roller edge 17 will be disposed at the right hand side when viewed from the top and when in operative position for the application of paint. When it is desired to reverse the roller brush for edging at the left hand side, the user grasps finger grip 29 and retracts the sheet body 18 while at the same time disengaging the spring latch 26a from the handle portion 14. It is to be noted that the sheet body is merely retracted by a sliding movement in order to effect the disengagement. After the sheet body has been retracted it is then rotated a half a turn about the straight rear extension 15 of the handle until it assumes the dotted line position shown in Fig. 2. At this point the latch 26 is aligned with the handle portion 14 and upon forward sliding movement will become engaged therewith as shown in Fig. 2. It will be noted that the edging position of the brush has now been reversed by an extremely simple maneuver and that the splash preventing characteristics of the roller brush have been preserved.

It will, of course, be understood that various changes may be made in the form, details, arrangement and proportions of the parts without departing from the scope of my invention.

What I claim is:

1. A splash guard for roller paint brushes having an elongated handle terminating forwardly in a shaft disposed axially within a cylindrical rotary brush and extending rearwardly and reversely in an intermediate handle portion parallel to the roller axis, thence extending rearwardly and normally of the midportion of the roller and terminating in a rearward hand grip, said splash guard comprising a sliding support and bearing element mountable on said rearward extension of the elongated handle for rotating thereabout and sliding therealong, a plate secured to said sliding support and bearing element, a fender formed forwardly of the plate for overlying the abutment area of said roller brush when in operative position, and a double latch means having a first latch on one side of said plate attached adjacent to one lateral edge thereof, and a second latch attached to the same side adjacent the other lateral edge of said plate, each of said latches being selectively engageable with the intermediate handle portion upon rotation of the guard about the rearward extension of the handle.

2. The subject matter set forth in claim 1, in which each of said latches comprises an outwardly flared spring member capable of snapping into fastened engagement with the intermediate handle portion upon pushing thereagainst.

3. A splash guard for a roller paint brush of the type having an elongated rearward handle substantially normal to the axis of the roller element and attached to an elongated interconnecting member lying substantially parallel to and rearwardly of the axis of said roller element, said splash guard comprising a fender member for overlying in spaced clearance the transverse length of the roller and having a rigid rearwardly formed extension, and mounting means for securing the splash guard to the roller brush, said mounting means consisting of a latch positioned medially of the extension for gripping the elongated rearward handle, a first laterally positioned latch adjacent one side edge of the splash guard for gripping the elongated interconnecting member, and a second lateral latch member positioned adjacent the opposite side edge for gripping said interconnecting member when the roller paint brush is inverted side-for-side with respect to the splash guard.

4. A splash guard for a roller paint brush of the type having an elongated rearward handle substantially normal to the axis of the roller element and attached to an elongated interconnecting member lying substantially parallel to and rearwardly of the axis of said roller element, said axis, handle and interconnecting member all lying substantially in the same plane, said splash guard comprising a fender member for overlying in spaced clearance the transverse length of the roller and having a rigid rearwardly formed extension, and mounting means for securing the splash guard to the roller brush, said mounting means consisting of a flanged member secured medially of the extension and provided with a slot having opposed spring lips for retention upon the elongated rearward handle, a first laterally positioned latch on one side of said extension adjacent one edge thereof for frictionally engaging the elongated interconnecting member, and a second lateral latch member on the same side of said extension and adjacent the opposite edge thereof for frictionally engaging said interconnecting member when the roller paint brush is inverted side-for-side with respect to the splash guard.

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