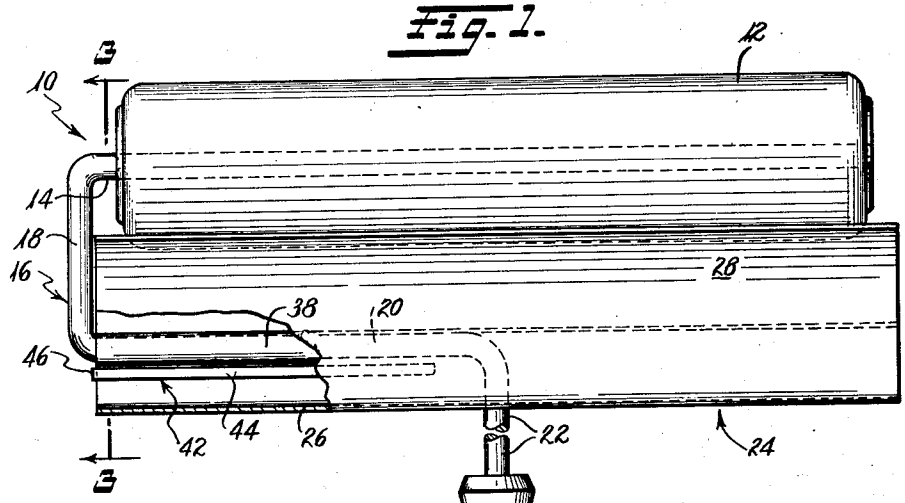
July 28, 1959 H. W. CROSH 2,896,244

DRIP AND SPATTER GUARD ATTACHMENT FOR A PAINT ROLLER

Filed Jan. 29, 1957

Fig. 1.



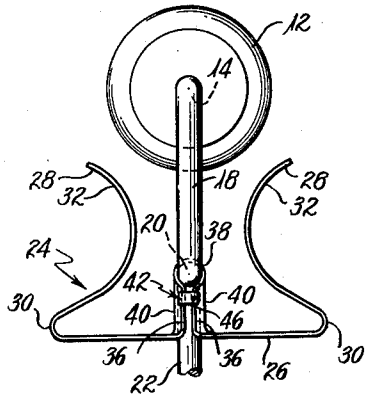
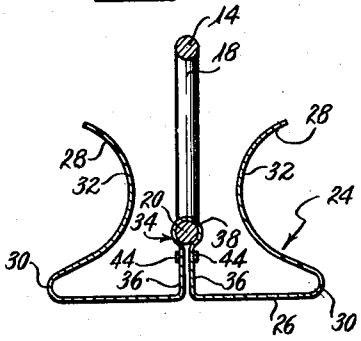


Fig. 2.

Fig. 3.



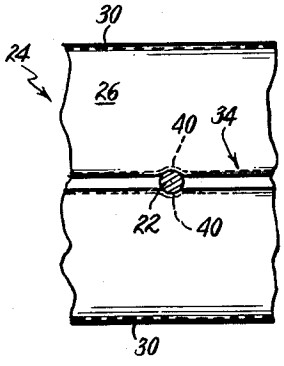


Fig. 4.

INVENTOR.
Harry W. Crosh
BY Cornelius & Kolb
ATTORNEYS

United States Patent Office 2,896,244 Patented July 28, 1959

2,896,244

DRIP AND SPATTER GUARD ATTACHMENT FOR A PAINT ROLLER

Harry W. Crosh, Pasadena, Calif.

Application January 29, 1957, Serial No. 636,912

3 Claims. (Cl. 15—248)

This invention relates to a drip and spatter guard attachment for a paint roller applicator, and more particularly to a drip and spatter guard which is easily attached to and removed from a conventional roller type applicator.

It is an object of this invention to provide a combined spray or spatter guard and a drip guard for a paint roller which is readily attachable to and removable from the frame supporting a roller type applicator.

Another object of this invention is to provide a drip and spatter guard of the type described which snaps into place on an arm attached to the roller applicator handle, and the provision of means to prevent rotation relative to such arm.

An additional object of this invention is the provision of a drip and spatter guard of the type described which is attached to a roller type applicator and is in operative position and permits painting on any surface, vertical, horizontal or otherwise.

A further object of this invention is the provision of a drip and spatter guard of the type described which is snapped onto an arm of the paint roller handle and includes securing means preventing accidental removal therefrom.

These and other objects will appear in the following specification taken with the accompanying drawing forming a complete disclosure of my invention.

In the drawing, wherein like characters of reference indicate like parts throughout the several figures;

Fig. 1 is a side view of a roller type applicator with the guard of this invention attached thereto;

Fig. 2 is an end view looking toward the right in Fig. 1;

Fig. 3 is a sectional view taken substantially on the line 3—3 of Fig. 1, looking in the direction of the arrows; and

Fig. 4 is a fragmentary view of the under side of the device.

Referring now to Fig. 1, wherein there is shown a roller type applicator **10**, which includes a roller **12**, rotatably journaled on an axle **14**, which forms a part of a half bail type supporting means **16** having an arm **18** substantially normal to the axle **14** and also having the bail portion **20** parallel to the axle **14**. A handle H is attached to a stem **22** perpendicular to the bail portion **20**. The structure thus far described is conventional and forms no part of my invention. The roller mounting means is described as a half bail, but it will be apparent that the drip and spatter guard to be described can be used with a full bail type roller mounting in which the parts **14**, **18** and **20** would be duplicated in reversed position.

A drip and spatter guard **24** is mounted on the bail **20** and stem **22** in a manner later to be described. The drip and spatter guard **24** is preferably formed of sheet metal, although plastic or other materials may be used. The drip and spatter guard comprises a bottom portion **26** and upwardly extending sides **28**, **28**. The sides **28**, **28**, are preferably in the form of arcs joined at one end to

the ends of the bottom member, as at **30**, **30** and preferably have their convex surfaces **32**, **32**, note Figs. 2 and 3, facing each other.

A crimp is formed in the bottom member **26** to constitute an inwardly extending or reentrant longitudinal clip means **34**, having spaced substantially parallel sides **36**, **36**, and a rounded upper portion **38** connecting the sides **36**, **36** forming a relatively deep outwardly facing groove. The effect is that the space encompassed by the sides **36**, **36** and the rounded portion **38** is substantially keyhole shape in cross section.

Substantially midway of the ends of the clip means **34** the sides **36**, **36** are provided with shallow outwardly extending indentations **40**, **40** for a purpose later to appear.

In use the drip and spatter guard **24** is moved in between the applicator roller and the arm **16** and the clip means **34** is forced over the bail **20**. Due to the resilience of the material of which the drip and spatter guard **24** is made, the rounded portion **38** snaps over the bail **20** with the indentations **40**, **40** partly embracing the stem **22**. The drip and spatter guard **24** will normally be secured against accidental removal, but to further secure it against removal, I provide a hairpin type keeper **42** having substantially parallel sides **44**, **44**, and an end loop **46**. The sides **44**, **44** of the keeper **42** embrace the sides **36**, **36** of the clip means **34** with sufficient tension to prevent accidental displacement, and effectively prevent accidental removal of the drip and spatter guard **24**. The stem **22** being embraced by the portion of the clip means **34**, the drip and spatter guard **24** cannot rotate about the bail **20**.

The drip and spatter guard **24** does not interfere with operation of a paint roller on a ceiling, a wall or a floor. Furthermore the curved portions **32** act as catchers for any mist not caught within the guard. Such mist may be easily wiped off. The shape and position of the guard also facilitate application of paint to the roller without the guard engaging the pan.

It should be apparent that I have provided an effective, efficient spatter guard easily applied to and removed from a conventional paint roller.

It is to be understood that various modifications may be made within the skill of the art and scope of the appended claims.

I claim:

1. A drip and spatter guard attachment for use with a paint roller applicator of the type having an offset handle extending laterally from the roller mid portion and connected to one end of the roller journalling axle by means of a rod segment extending laterally from the end of the handle nearer the roller and parallel to the roller, said guard attachment comprising an elongated resilient sheet material trough member, clip means comprising a reentrant crimp in the bottom of the trough member and defining an outwardly disposed relatively deep groove, the inner end of the groove being of enlarged and rounded cross section to resiliently embrace said rod segment, and a pair of opposed transversely extending indentations in the walls of said groove to receive the handle portion adjacent the rod segment, whereby the guard may be detachably mounted adjacent the roller periphery without danger of accidental pivotal or translational dislodgment.

2. The structure as set forth in claim 1, wherein said guard has a substantially flat bottom portion and transversely spaced radially inwardly projecting sides, and with said sides having convex transversely inwardly projecting face portions.

3. The structure as set forth in claim 1 together with a keeper means, said keeper means engaging said clip

means intermediate the enlarged radial inner portion and the open radial outer portion thereof.

References Cited in the file of this patent

UNITED STATES PATENTS

67,100	Brinkerhoff	July 23, 1867
84,448	Watson et al.	Nov. 24, 1868
2,778,050	Meinhardt	Jan. 22, 1957
2,807,040	Adams et al.	Sept. 24, 1957
2,817,868	Pharris et al.	Dec. 31, 1957
2,817,869	Hughes	Dec. 31, 1957
2,835,915	Pearson	May 27, 1958

FOREIGN PATENTS

494,006	Italy	May 15, 1954