

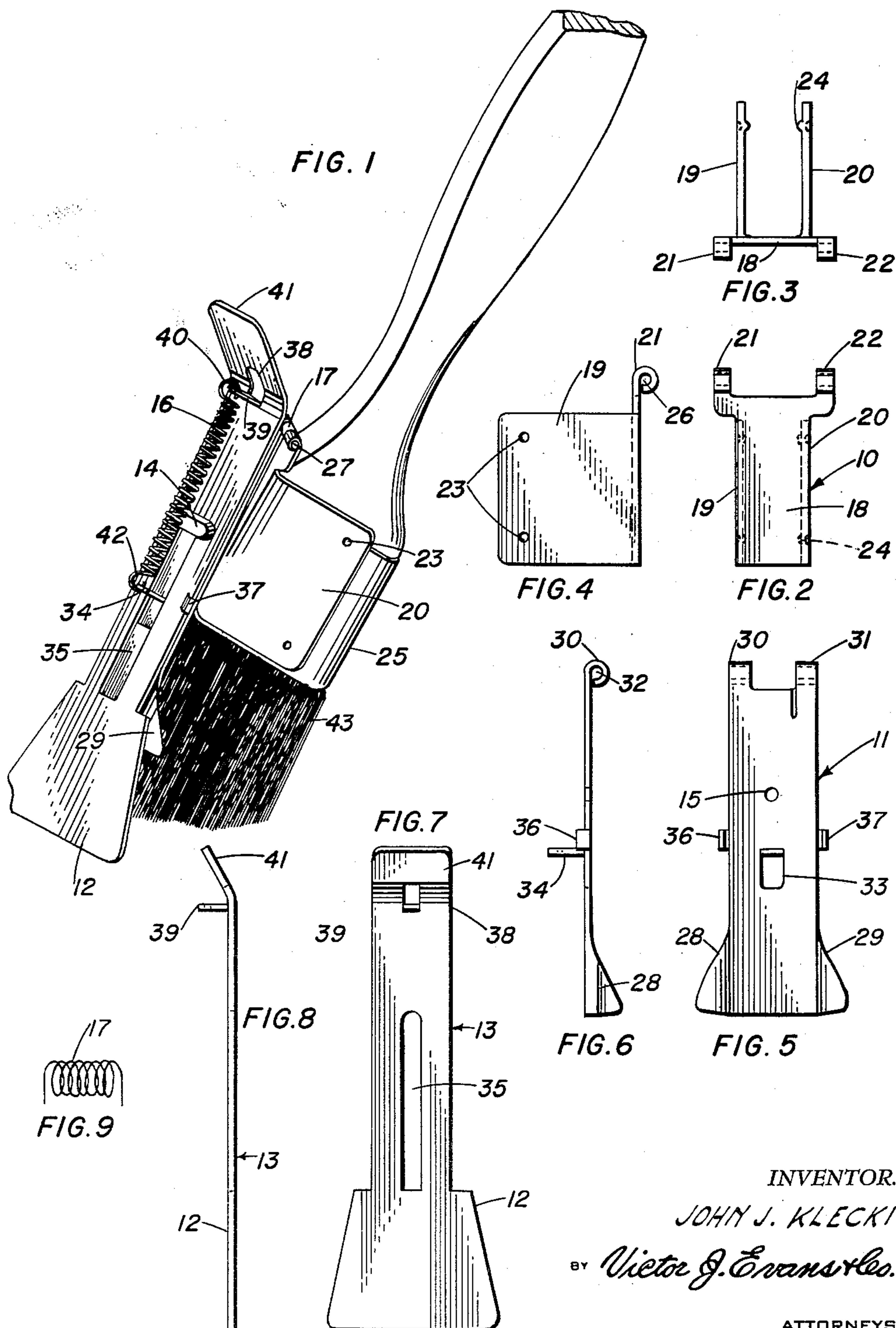
Sept. 20, 1960

J. J. KLECKI

2,952,863

PAINTER AID

Filed Aug. 25, 1959



INVENTOR.

JOHN J. KLECKI

BY *Victor J. Evans & Co.*

ATTORNEYS

1

2,952,863

PAINTER AID

John J. Klecki, 3307 W. Beach Ave., Chicago, Ill.

Filed Aug. 25, 1959, Ser. No. 835,861

3 Claims. (Cl. 15—248)

This invention relates to attachments for paint brushes wherein a scraping edge is adjustably mounted on an edge of a paint brush, and in particular a scraper or gage carried on the lower end of a bar having an elongated slot therein with the bar mounted by a hinge on a spring clip positioned on the handle of a paint brush and with the blade forming the scraper or gage urged downwardly by a spring.

The purpose of this invention is to provide means for mounting a sliding, hinging, and masking edge or blade on the edge of a paint brush which will eliminate free hand painting, such as around window panes, window slides, moldings, and trims and, consequently, also eliminating handwiping, masking, or scraping.

Various types of scrapers and other devices have been attached to paint brushes, however, it is difficult to operate a paint brush with such an attachment on one edge and it is also difficult to dip the brush in a bucket, can, or container without covering the blade of the attachment with paint. With this thought in mind this invention contemplates a blade slidably mounted on a clip retained by friction on a paint brush with the blade hinged to facilitate snapping the blade outwardly and also with the blade urged by a spring to an extended position.

The object of this invention is, therefore, to provide means for mounting a scraper blade or gage on a paint brush which provides a guide for retaining the painting edge of a brush in spaced relation to a window pane and wherein the blade may be snapped outwardly away from the brush to permit the brush to be dipped into a paint bucket or can.

Another object of the invention is to provide a scraper blade or gage for a paint brush in which the blade is readily snapped on a paint brush of conventional design without changing the brush.

A further object of the invention is to provide a combination hinge and spring mounting for a blade to be used on a paint brush in which the mounting is of simple and economical construction.

With these and other objects and advantages in view the invention embodies a substantially U-shaped spring clip having ears with openings therethrough extended from one end, an inner plate pivotally mounted by a pin between the ears of the clip and having a tab extended outwardly therefrom, a blade having an elongated bar with a slot therein positioned over the inner plate, and a spring positioned above the bar and mounted with one end secured in a tab extended from the upper end of the bar and the opposite end hooked in a tab extended from the inner plate through the slot in the bar on which the blade is mounted.

Other features and advantages of the invention will appear from the following description taken in connection with the drawing, wherein:

Figure 1 is a view showing a paint brush with the combination scraper and gage attachment positioned thereon.

2

Figure 2 is a front elevational view of a U-shaped spring clip for mounting the attachment on a paint brush.

Figure 3 is a plan view of the clip shown in Figure 2.

Figure 4 is a side elevational view of the clip shown in Figure 2.

Figure 5 is a plan view of an inner plate formed to be hinged to the clip shown in Figure 2.

Figure 6 is an end elevational view of the inner plate shown in Figure 5.

Figure 7 is a front elevational view of the blade with the slotted bar or shank extended therefrom and with a tab extended from one end.

Figure 8 is an edge view of the blade and bar shown in Figure 7.

Figure 9 is a view showing a spring for use on the hinge connecting the inner plate to the clip.

Referring now to the drawing wherein like reference characters denote corresponding parts the improved paint brush attachment of this invention includes a U-shaped spring clip 10, an inner plate 11 designed to be hinged to the clip 10, a blade 12 carried by a bar 13 positioned on the inner blade and secured in position by a button 14 secured by a pin in an opening 15 of the inner plate, a spring 16 for urging the blade 12 downwardly and a hinge spring 17 for urging the blade inwardly against the brush.

The mounting clip 10 is provided with a back 18 with side arms 19 and 20 extended from edges thereof and with ears 21 and 22 extended from the upper end. The sides 19 and 20 are provided with indentations 23 providing projections 24 on the inner surface that form gripping elements for retaining the clip in position on the edge of a paint brush, such as the brush 25. The ears 21 and 22 are provided with openings 26 for receiving a hinge pin 27.

The inner plate 11 is provided with brush engaging wings 28 and 29 on the lower end and hubs 30 and 31 extended upwardly from the upper end. The hubs are provided with openings 32 through which the hinge pin 27 extends and the intermediate part of the plate is provided with an opening 33 from which a tab 34, which extends through a slot 35, in the bar 13, projects. The edges of the inner plate 11 are provided with spring clips 36 and 37 that extend around the edges of the bar 13 for retaining the bar in position upon the inner plate. The upper part of the bar 13 is provided with an opening 38 from which a tab 39 is struck and the tab 39 is provided with an opening in which an end loop 40 of the spring 16 is secured. The upper end 41 which extends from the bar 13 projects outwardly providing a thumb gripping element by which the blade 12 may be actuated. The lower end of the spring 16 is provided with a hook or loop 42 that extends through an opening in the tab 34 extended from the inner plate 11 through the slot 35.

The spring 17 extends around the hinge formed by the members 21 and 22 and 30 and 31 providing means for urging the blade 12 inwardly against bristles 43 of the brush 25.

The key 14 is pivotally mounted in the opening 15 of the inner plate 11 and by turning the key to a longitudinally disposed position the bar 13 may be moved upwardly above the spring clips 36 and 37 and turned to an angle of 90 degrees whereby the bristles 43 may be dipped into a paint can without the blade 12 coming in contact with the paint.

With the blade 12 turned to the position shown in Figure 1 it provides a guide facilitating holding a paint brush on the strip between glass panes of a window so that the brush may be accurately held thereby obviating

the possibility of paint being smeared on the glass. By the same means trim of a window or door frame or other object or device may be painted with the blade 12 providing a guide making it possible to hold the brush on a straight line.

The edge of the blade 12, when pressing on the brush allows the blade to slide on the inner plate 11 until the brush touches work to be painted.

The improved scraper blade is very useful in preventing paint being smeared on window panes, fancy woodwork, doors, ceilings, walls, floors, and the like and hand wiping, washing or scraping is unnecessary.

It will be understood that modifications, within the scope of the appended claims, may be made in the design and arrangement of the parts without departing from the spirit of the invention.

What is claimed is:

1. A paint brush attachment comprising a U-shaped spring clip designed to be resiliently mounted on the edge of a paint brush, an inner plate positioned with the upper end hinged to the spring clip and having brush bristle restraining wings on the lower end, a blade slidably mounted on the inner plate and having an elongated slot therein, a pivotally mounted key extended from the inner plate through the slot of the blade, said key being adapted to be pivoted to a position transversely of said slot to retain the blade in longitudinal alinement with the brush and to be pivoted to a position in alinement with the slot to permit the blade to be rotated to an angle of 90 degrees, and a spring attached to the upper end of the blade and also to a tab extended from the inner plate through the slot of the blade for urging the blade to an extended position.

2. In a paint brush attachment, the combination which comprises a U-shaped spring clip designed to be positioned on a handle of a paint brush and having hinge elements on the upper end, an inner plate positioned on the spring clip and having hinge elements on the upper end designed to mesh with the hinge elements of the clip, a hinge pin extended through the hinge elements of the clip and inner plate, a blade carried on the lower end of a bar having an elongated slot therein and positioned on the upper surface of the inner plate, the inner

plate having a key extended through the slot of the bar for mounting the bar with the blade on the inner plate and spring clip, said bar having an upwardly extended upper end providing a thumb gripping member, and a spring attached to the upper end of the bar and also to a tab extended through the slot in the bar for urging the blade on the lower end of the bar to an extended position.

3. In an attachment for a paint brush, the combination which comprises a spring clip U-shape in cross-section having hinge elements extended from the upper end and having brush gripping elements on inner surfaces thereof designed to be frictionally retained on an edge of a paint brush, an inner plate also having hinge elements on the upper end and wings on the sides of the lower end positioned on the clip, a blade having a bar with an elongated slot therein and with an outwardly extended upper end thereon positioned upon the inner plate, spring clips on the sides of the inner plate and extended over edges of the bar for retaining the bar in position upon the inner plate, a key pivotally mounted on the inner plate and extended through the slot of the bar, said key being adapted to be pivoted to a position transversely of the slot for retaining the bar against the inner plate, said key being adapted to be pivoted to a position in alinement with the slot for permitting the bar to be turned through an angle of 90 degrees, a tab extended from the upper end of the bar, a tab extended from the inner plate through the slot in the bar, a spring positioned with the ends secured to the tab of the upper end of the bar and to the tab extended through the slot thereof, a hinge pin extended through the hinge elements of the clip and inner plate for swinging the blade outwardly, and a spring extended around the hinge pin and hinge elements for urging the blade and bar to a nested position against the outer surface of the inner plate.

References Cited in the file of this patent

UNITED STATES PATENTS

2,820,237	Maslaney	Jan. 21, 1958
2,821,734	Carrabine	Feb. 4, 1958