Sept. 2, 1969 J. PALMERI 3,464,079

PAINT APPLICATOR

Filed March 21, 1968

FIG. 1

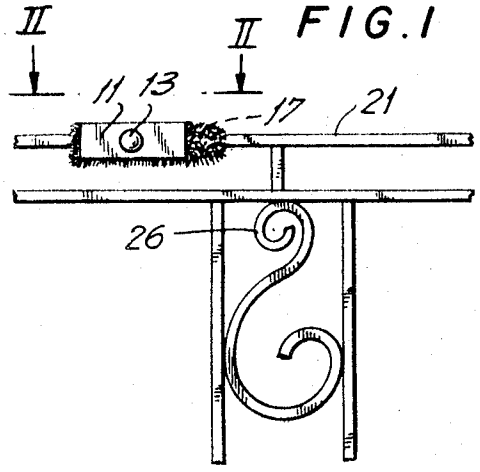


FIG. 2

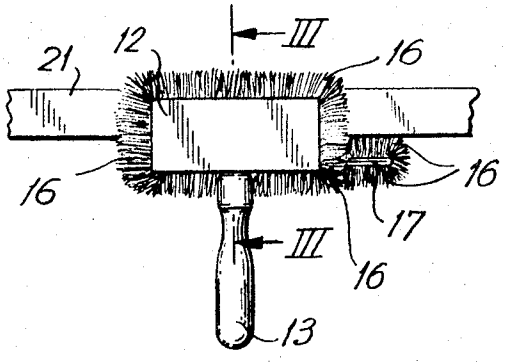


FIG. 3

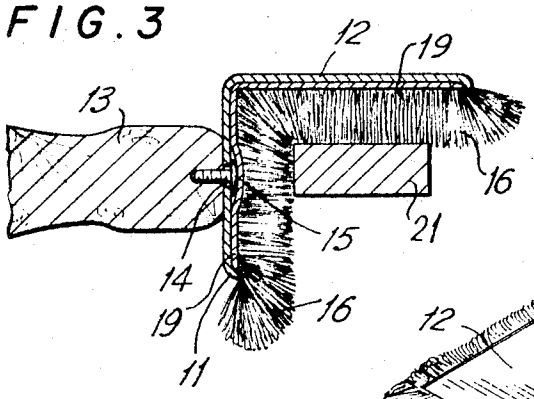


FIG. 4

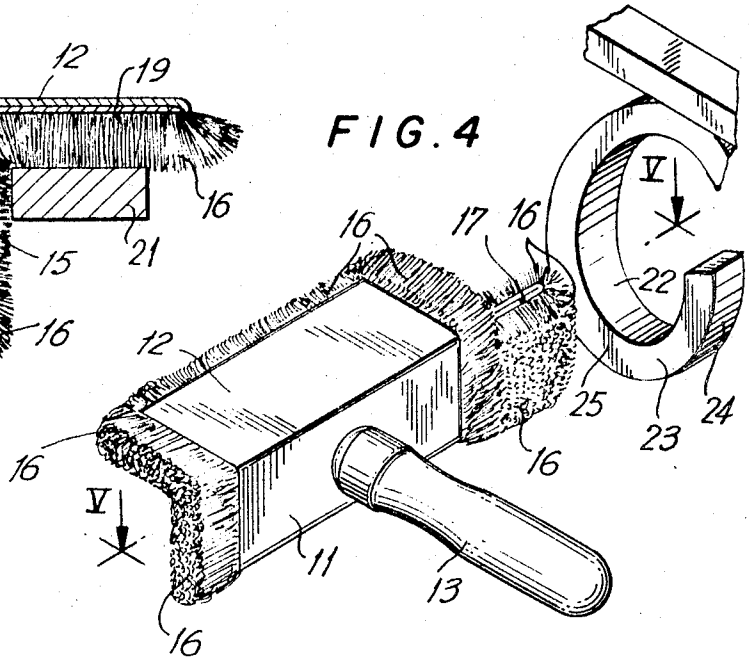
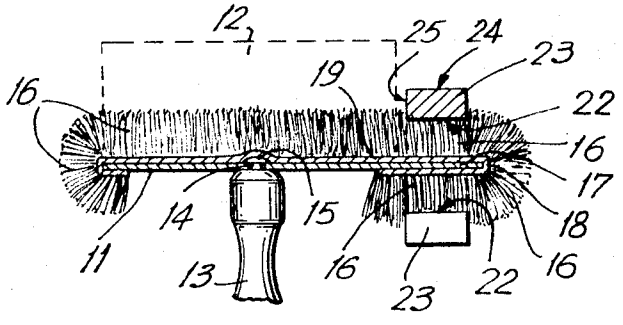


FIG. 5



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United States Patent Office

3,464,079
Patented Sept. 2, 1969

3,464,079

PAINT APPLICATOR

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Filed Mar. 21, 1968, Ser. No. 714,915
Int. Cl. A46b *15/00;* B44d *3/28*
U.S. Cl. 15—235 7 Claims

ABSTRACT OF THE DISCLOSURE

A pair of sides adjoining each other along a longitudinally extending line form a substantially dihedral back of a paint applicator. One of the sides has an extending portion in the longitudinal direction extending beyond the corresponding end of the other side. Paint applying material consisting essentially of fur nap is affixed to the inside surfaces of the sides and to the inside and outside surfaces of the extending portion. A handle is affixed to and extends from one of the sides.

Description of the invention

The present invention relates to a paint applicator. More particularly, the invention relates to a paint applicator for applying paint to surfaces which are difficult or impossible to paint with an ordinary paint brush or roller.

Iron railings are difficult to paint efficiently and rapidly with a brush or roller. This is especially true of ornamental iron work which includes several sections of curvilinear configuration. The curilinear sections may be of general S-shape with spirals at each end of the S, or said sections may be of closed or open circle configuration. It is impossible to paint iron work of the aforedescribed type with a roller. When such iron work is painted with a brush, the process is slow, tedious and inefficient. The paint drips on the undersurfaces so that there are drops of paint thereon after the painting is completed. The tediousness, inefficiency and poor quality of the finished work are due primarily to the inaccessibility of many of the surfaces of the railings.

The principal object of the present invention is to provide a new and improved paint applicator.

An object of the present invention is to provide a paint applicator for painting inaccessible surfaces with rapidity, efficiency, facility and good quality results.

Another object of the present invention is to provide a paint applicator for painting ornamental iron work with rapidity, efficiency, facility and good quality results.

Another object of the present invention is to provide a paint applicator which is of simple structure, inexpensive to manufacture and sturdy and strong.

Still another object of the present invention is to provide a paint applicator which is readily utilizable by skilled and unskilled painters with facility, rapidity, efficiency and good quality results.

In accordance with the present invention, a paint applicator comprises a pair of sides adjoining each other along a longitudinally extending line to form a substantially dihedral back. Each of the sides has an inside surface and an outside surface. One of the sides has an extending portion in the longitudinal direction extending beyond the corresponding end of the other of the sides. Paint applying material is affixed to the inside surfaces of the sides and to the inside and outside surfaces of the extending portion. A handle is affixed to and extends from one of the sides.

The paint applying material consists essentially of mohair or mouton fur nap. The back formed by the sides has a substantially L-shaped cross-sectional configuration.

The extending portion has a width which is less than the width of the one of the sides and an outer edge which is covered by the fur nap. The handle is affixed to the one of the sides having the extending portion. A rubber-like material may be cemented to the inside surfaces of the sides and the mohair is then cemented to the inside surfaces of the rubber-like material and to the inside and outside surfaces of the extending portion.

In order that the present invention may be readily carried into effect, it will now be described with reference to the accompanying drawing, wherein:

FIG. 1 is a top view of the paint applicator of the present invention as it appears in use on ornamental iron work;

FIG. 2 is a view, taken along the lines II—II, of FIG. 1;

FIG. 3 is a sectional view, taken along the lines III—III, of FIG. 2;

FIG. 4 is a perspective view of the paint applicator of the present invention prior to use in painting a curvilinear section of ornamental iron work; and

FIG. 5 is a view, partly in section, taken along the lines V—V of FIG. 4.

In the figures, the same components are identified by the same reference numerals.

The paint applicator of the present invention has a back of substantially L-shaped cross-sectional configuration having a first side **11** of substantially planar configuration and a second side **12** of substantially planar configuration bent at right angles to said first side. The back **11, 12** of the paint applicator thus comprises a substantially rectangular dihedral.

The sides **11** and **12** of the back comprise any suitable material such as, for example, aluminum, tin, plastic, wood, and the like. The back **11, 12** is preferably a single sheet of material bent along a longitudinally extending line to form a dihedral having the substantially planar sides **11** and **12** which extend from such line.

A handle **13** of any suitable type is affixed at one end to the central area of the side **11** of the back **11, 12** by any suitable means such as, for example, socket, rivet, nail, wood screw, nut and bolt, or the like. In FIGS. 3 and 5, the handle **13** is shown affixed to the side **11** by an elongated member **14** of any suitable type, threaded or unthreaded, which extends from said handle, passes through an aperture formed through said side and has a head, nut, or the like **15** affixed thereto at its free end beyond said side. The handle **13** comprises any suitable material such as, for example, wood, plastic, or the like. The member **14** is preferably threaded at one end, firmly affixed to the handle **13** at its other end and threadedly coupled in an internally threaded aperture through the side **11**.

A paint applying lining **16** is suitably affixed to the inside surfaces of the sides **11** and **12** of the back. The paint applying lining **16** may comprise any suitable paint applying material such as, for example, natural or artificial bristles or nap, although it preferably comprises mouton fur.

The paint applying lining **16** is not confined to the inside surfaces of the sides **11** and **12** of the back, but extends beyond the edges of said sides. In accordance with the present invention, one of the sides **11** and **12** of the back is longer than the other, so that the portion thereof which is longer than the other forms an extension, projection or extending arm or portion **17**. If the extending portion **17** extends from the side **11**, as shown in FIGS. 1, 2, 4 and 5, then said side is longer than the side **12** by the length of said extending portion. If the extending

portion extends from the side **12** (not shown in the figures), then said side is longer than the side **11** by the length of said extending portion.

In accordance with the present invention, the paint applying lining **16** is suitably affixed to both substantially planar surfaces and around the farthest extending edge **18** of the extending portion **17** of the side **11** (FIGS. 2, 4 and 5) or the extending portion of the other side (not shown in the figures).

The paint applying lining **16** is affixed to the sides **11** and **12** of the back, the side **11** including its extending portion **17**, by any suitable means such as, for example, an adhesive, staples, clips, or the like. In the disclosed example of the paint applicator of the present invention, the paint applying lining **16** is cemented to a rubber or rubber-like material **19**, which in turn is cemented to the inside surface of each of the sides **11** and **12** and of the extending portion **17** of the side **11** (FIGS. 3 and 5).

To utilize the paint applicator of the present invention, the user grasps or holds the handle **13** in his hand and, after providing sufficient paint on the paint applying lining **16**, moves said applicator longitudinally along a rail portion **21** (FIGS. 1, 2 and 3) with the lining on the side **11** abutting one surface of said rail portion and the lining on the side **12** abutting an adjoining surface of said rail portion. The paint is thereby simultaneously applied to two surfaces of the rail portion **21** with rapidity, facility, efficiency, neatness and good quality results.

In order to paint an inaccessible surface such as, for example, the inside surface **22** of a curvilinear portion **23** (FIG. 4), the extending portion **17** is moved into proximity with said curvilinear portion so that the paint applying lining **16** thereon abuts said surface (FIG. 5). The paint is thereby simultaneously applied to the entire surface **22** or to a substantial portion of said surface with rapidity, facility, efficiency, neatness and good quality results. The applicator may be readily moved about the axis of the curvilinear portion or in a circular path, with the paint applying lining **16** on the extending portion **17** in abutment with the surface **22**.

The curvilinear portion **23** has outer surfaces **24** and **25** (FIGS. 4 and 5) which may be painted, to the same advantage as the other surfaces, by abutment of the paint applying lining **16** on the extending portion **17** with said outer surfaces.

The width dimension of the extending portion **17** of the side **11** is preferably smaller than that of said side (FIG. 1), so that said extending portion may fit into the area surounded by a curvilinear portion such as, for example, a portion **26** of FIG. 1. The extending portion **17** may thus be made very narrow and may even be of rod-like configuration.

What I claim is:

1. A paint applicator comprising

a pair of sides adjoining each other along a longitudinally extending line to form a substantially dihedral back, each of said sides having an inside surface and an outside surface, one of said sides having an extending portion in the longitudinal direction extending beyond the corresponding end of the other of said sides;

paint applying material consisting essentially of fur nap affixed to the inside surfaces of said sides and to the inside and outside surfaces of said extending portion; and

handle means affixed to and extending from one of said sides, the back formed by said sides having a substantially L-shaped cross-sectional configuration.

2. A paint applicator as claimed in claim **1**, wherein said extending portion has a width which is less than the width of said one of said sides and an outer edge, said outer edge being covered by said paint applying material.

3. A paint applicator as claimed in claim **1**, wherein said handle means is affixed to and extends from said one of said sides having said extending portion.

4. A paint applicator as claimed in claim **3**, wherein said paint applying material comprises mouton and said extending portion has a width which is less than the width of said one of said sides and an outer edge, said outer said outer edge being covered by said mouton.

5. A paint applicator as claimed in claim **3**, further comprising rubber-like material cemented to the inside of said sides, and wherein said paint applying material comprises mouton secured to the inside surfaces of said rubber-like material and to the inside and outside surfaces of said extending portion.

6. A paint applicator as claimed in claim **5** wherein said extending portion has a width which is less than the width of said one of said sides and an outer edge, saide outer edge being covered by said mouton.

7. A paint applicator as claimed in claim **1**, wherein said handle means is affixed to and extends from said one of said sides having said extending portion, and said fur applying means comprises mouton.

References Cited

UNITED STATES PATENTS

1,635,127	7/1927	Kirsner	15—210
2,068,001	1/1937	Barnes	15—118 XR
2,604,651	7/1952	Crippen	15—235

FOREIGN PATENTS

1,472,611	1/1967	France.

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U.S. Cl. X.R.

15—118, 210