

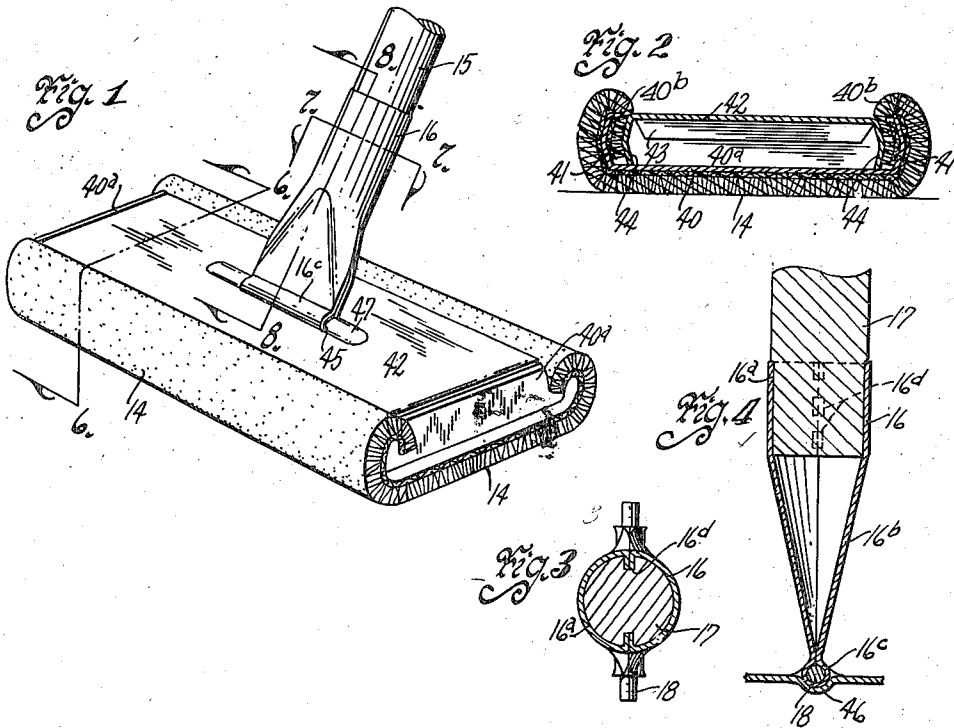
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APPLICATOR FOR APPLYING WAX, VARNISH, POLISH AND THE LIKE

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## APPLICATOR FOR APPLYING WAX, VARNISH, POLISH, AND THE LIKE

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3 Claims. (Cl. 15—231)

My present invention relates to an applicator for applying wax, varnish, polish and the like.

It is my purpose to provide an applicator of very simple construction, with which a piece of carpet or material having a deep nap may be conveniently and easily assembled with the nap outward.

One of the purposes of my invention is to provide a novel construction, whereby the carpet member may be readily and easily assembled on the applicator proper, the construction being such as to permit the ready removal of the carpet for cleaning or replacement.

With these and other objects in view, my invention consists in the construction, arrangement and combination of the various parts of my applicator, whereby the objects contemplated are attained, as hereinafter more fully set forth, pointed out in my claims, and illustrated in the accompanying drawing, in which:

Figure 1 is a perspective view illustrating a form of my applicator.

Figure 2 is a transverse, detail, sectional view between the handle member 16 and 17.

Figure 3 is a detailed, sectional view taken on the line 7—7 of Figure 1.

Figure 4 is a vertical, sectional view taken on the line 8—8 of Figure 1.

I provide for use with my applicator a unique handle, which will now be described.

The handle, which is indicated generally by the reference numeral 15, consists of a sheet metal ferrule 16, and a wooden handle 17. The ferrule 16 is formed from a single piece of metal, having originally the form of a strip. By bending the strip transversely substantially midway between its ends and then properly shaping it, I produce a ferrule like that shown for instance in Figure 1. The upper end of the ferrule is in the form of a cylinder 16a. The lower end is shaped to form a portion substantially V-shaped in cross section as at 16b, with a roll or transverse cylinder-like portion 16c at the extreme lower end to receive a pintle or the like 18, which projects from both ends of the roll 16c, which forms a journal for the pintle.

The cylindrical portion 16a forms a socket to receive the wooden handle 17.

At the side edges of the metal, which form the cylindrical portion 16a, there are provided a series of inwardly projecting tongues 16d.

The cylindrical portion 16a is formed by pressing it around the lower end of the handle 17 and forcing the tongues 16d into the wood for thus

providing a permanent and rigid connection between the handle members 16 and 17.

*Applicator*

The device has a plate 40 with the upturned reinforcing flanges 40a at its ends. The plate also has at its side edges, the up-turned flanges 41, each of which has the form of a wide-mouth V in cross section. At the upper edges of the flanges 41 are the in-turned tongues 40b similar to the tongues 31.

For this device, I provide a clamping plate 42, which has at the ends down-turned reinforcing flanges 43 and has at its sides the wider down-turned flanges 44, which are correspondingly in the shape of wide V's as shown.

The clamping plate 42 of this form of my device is provided with two transverse, longitudinally spaced slits 45. The portion of the plate 42 between the slits 45 is bent downwardly, slightly, as at 46 (see Figure 4) and the portions outside the slits 45 are bent upwardly slightly, as at 47, so that the portions 46 and 47 form between them a journal for the pintle 18.

The plate 42 is sufficiently resilient to permit sliding the pintle into place and slipping it through the journal portions 16c of the handle 15, and then when it reaches its seat, it is rigidly held.

The side edges of the deep nap carpet strip 14 are bent over the flanges 41, and thence downwardly, whereupon the clamping plate is snapped down, and parts are so shaped and fitted they will remain in their then assembled positions.

*Assembly and operation*

The device illustrated is very convenient for quick removal of the clamping plate 42. The handle 15 may be grasped for pulling the clamping plate from between the flanges 41. These flanges and the clamping plate are both somewhat resilient to permit this convenient removal. After such removal, the carpet strip may be cleaned or replaced with another and the clamping plate snapped back in place.

In the use of the device, liquid wax, varnish, paint or the like may be placed in a container, and the carpet strip then used for applying the wax or the like.

I have found that a deep nap carpet or the like provides very excellent means for applying wax or varnish or polish and in certain cases, for instance in applying paint to screens is very good. An inexperienced user can apply wax and can use the device successfully. An inexperienced

person can apply varnish much better than with a brush. The use of the carpet eliminates the streaks that are often found where a brush has been used.

- 5 The entire device is of very simple and inexpensive construction, and one of the important features is the metal portion of the handle, which is formed of a single piece and made by inexpensive factory process.
- 10 It will, of course, be understood from the foregoing that changes may be made in the applicator without departing from the essential purpose and broad general features of the structure, and it is my intention to cover by my claims any
- 15 modifications which may be included within their spirit and permitted by the state of the art.

I claim as my invention:

1. In a device of the class described, a plate rectangular in outline, having at its side edges, 20 flanges extending upwardly with their upper portions projecting inwardly from the planes of the lower portions thereof, a piece of fabric arranged over the bottom face of the plate and having its side edges bent up and around said flanges, a
- 25 clamping plate having down-turned flanges at its side edges convex in vertical section for frictionally gripping said side edges of the fabric against the flanges of the first plate, the flanges on at least one plate being resilient, said lower
- 30 plate having at its ends upturned members to hold the fabric in place against endwise displacement, the upper plate having at its ends down-turned flanges inside said last-named members to prevent the upper plate from endwise displacement.
- 35 2. In a device of the class described, a plate rectangular in outline, having at its side edges, flanges extending upwardly with their upper por-

tions projecting inwardly from the planes of the lower portions thereof, a piece of fabric arranged over the bottom face of the plate and having its side edges bent up and around said flanges, a 5 clamping plate having down-turned flanges at its side edges convex in vertical section for frictionally gripping said side edges of the fabric against the flanges of the first plate, the flanges on at least one plate being resilient, said lower plate having at its ends up-turned members to 10 hold the fabric in place against endwise displacement, the upper plate having at its ends down-turned flanges inside said last-named members to prevent the upper plate from endwise displacement, the side flanges of the lower plate 15 having tongues projecting toward the upper plate.

3. In a device of the class described, a plate rectangular in outline, having at its side edges, 20 flanges extending upwardly with their upper portions projecting inwardly from the planes of the lower portions thereof, a piece of fabric arranged over the bottom face of the plate and having its side edges bent up and around said flanges, a clamping plate having down-turned flanges at 25 its side edges convex in vertical section for frictionally gripping said side edges of the fabric against the flanges of the first plate, the flanges on at least one plate being resilient, said lower plate having at its ends up-turned members to 30 hold the fabric in place against endwise displacement, the upper plate having at its ends down-turned flanges inside said last-named members to prevent the upper plate from endwise displacement, and a handle on said upper plate pivoted on 25 an axis lengthwise of the plate.

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