

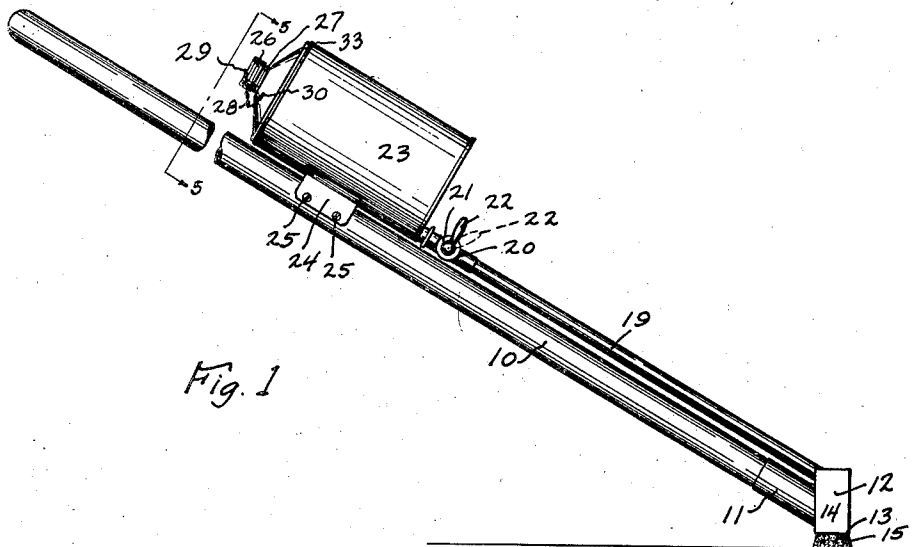
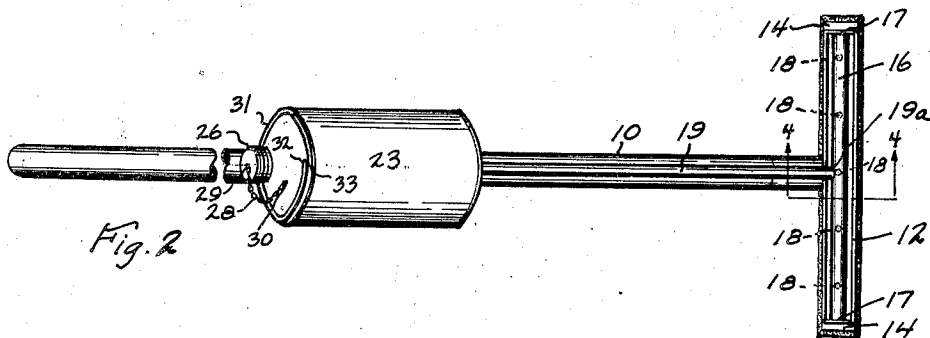
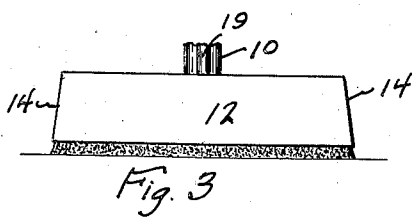
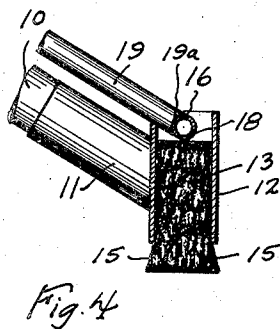
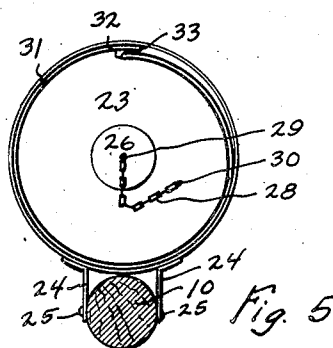
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LIQUID WAX APPLICATOR

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LIQUID WAX APPLICATOR

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2 Claims. (Cl. 91-39)

My invention relates to a device for applying liquid wax.

An object of my invention is to provide such a device which evenly applies liquid wax to a floor or such surface and which evenly distributes the same.

A further object of my invention is to provide an absorbent member which gradually feeds the liquid wax to the surface.

A further object of my invention is to provide means for easily controlling the rate of flow of the liquid wax to the applying member.

A further object of my invention is to provide means for applying constant air pressure to the wax supply and at the same time prevent leakage of the same during movement of the applicator.

A further object of my invention is to provide the above mentioned objects in a simple construction which can be manufactured at a reasonable cost.

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

Figure 1 is a side elevation showing the applicator in use.

Figure 2 is a plan view of Figure 1,

Figure 3 is a forward view of the applicator base member,

Figure 4 is an enlarged sectional view taken along the lines 4-4 of Figure 2, and

Figure 5 is a view taken along the lines 5-5 of Figure 1.

In applying liquid wax to a floor surface the desirable objective sought is that of applying an even amount gradually instead of applying a superfluous amount which would tend to make the surface gummy and the like. The principal objective then, of my invention is to supply a constant feed of liquid wax to the surface which supply is not too rapid thereby forming a relatively thin layer for the best results.

I have used the character 10 to indicate the lengthened handle of my device which is inserted within the socket member 11 which member 11 is attached to the member 12. Inserted within the member 12 is the felt block 13 which is snugly received therein. The member 12 includes downwardly diverging sides 14. The member 13 extends a slight distance beneath the bottom of the member 12 and since the felt is compressed within this member it will nor-

mally spring to the shape shown at 15 (see Figures 1 and 4). A horizontal pipe 16 is received between the end walls 14 and is sealed at 17 thereagainst. Several equally spaced openings 18 are provided at the bottom of the tube 16 (Figures 2 and 4) which openings communicate to the top of the felt member 13. Attached at 19a to the tube 16 is a further tube 19 which passes upwardly along the handle 10 and is attached at 20 to the valve 21 which is operated by means of the valve handle 22. The valve 21 communicates with the can 23 which is attached to the ears 24 which ears are attached at 25 to the handle 10. The can 23 includes the closure top 26 which is threadably engaged with the neck 27 and a small chain 28 is attached at 29 and 30 to the closure member and the can respectively. A small hollow tube 31 (see Figures 1, 2, and 5) is attached peripherally around the top of the can and the tube 31 enters into the can at 32 and is open to the air at 33.

It will be noted that the opening 33 is at the uppermost portion of the device when in use. When operating the applicator it is held substantially in a position as shown in Figure 1 and the valve 21 is open a suitable distance to allow downward flow by gravity of the liquid wax into the felt member 13. The valve handle 22 will allow an adjustable control of the amount of liquid flowing, the dotted lines showing a certain desired position. By use of the valve any position thereof can be used to regulate the amount of flow according to the surface encountered and the speed of application, thereby in this manner effecting a smoother application.

The opening 18 permits the liquid wax to flow evenly along the entire felt block 13 and the liquid then seeps through the absorbent member 13 and is absorbed through the entire mass thereof and then gravitates through to the lower surface of this felt member so that it is evenly applied against the floor surface or any other such surface. The circular tube member 31 allows the device to be manipulated freely without the danger of spilling of the contents of the can 23 and at the same time allows the entrance of air to said can to allow the liquid to flow by gravity. During movement of the device the tendency of the liquid may be to splash into the opening at 32 where the tube 31 communicates with the can. Any liquid passing through this opening however necessarily must flow around the entire curve of the tube to reach the opening 33 which path of travel is so large that relatively no liquid will be lost or splashed. The walls 14

permit the base of the applicator to be inserted under furniture without marring the same since the tapering divergence thereof will cause the felt portions thereof only to pass into normally inaccessible corners. The same applies to the divergency of the felt as shown in the other direction.

Through the foregoing description it will be apparent that my device allows the operator to use the same in any position and furthermore includes features for applying only the necessary amount of liquid wax to a floor surface. It will also be seen that the rate of flow of liquid wax can be controlled to any desired degree by means of a simple arrangement which is accessible to the operator at any time. It will be seen further that the applicator will reach corners and other normally inaccessible places, and that it can be manufactured at a reasonable cost.

Some changes may be made in the construction and arrangement of the parts of my invention without departing from the real spirit and purpose of my invention, and it is my intention to cover by my claims any modified forms of structure or use of mechanical equivalents, which may be reasonably included within their scope.

I claim as my invention:

1. A liquid wax applicator comprising a handle, a can for containing liquid wax attached to the handle, a base applicator member attached

to the handle, a felt pad inserted within said base applicator member, means communicating with said can and said felt member to cause passage of liquid wax by gravity to said felt member, including a pipe communicating from said can and to said base member, a further tube having a plurality of lower openings for allowing passage of liquid to said felt member communicating with said pipe, means attached to said communicating pipe to regulate flow of liquid therethrough, said can including an upper opening, a substantially annular tube communicating with said opening and formed peripherally along the upper boundary of said can, said tube having an opening communicating to the air substantially adjacent to said can opening.

2. A liquid wax applicator comprising a handle, a can for containing liquid wax attached to the handle, a base applicator member attached to the handle, a felt pad inserted within said base applicator member, means communicating with said can and said felt member to cause passage of liquid wax by gravity to said felt member, said can including an upper opening, a substantially annular tube communicating with said opening and formed peripherally along the upper boundary of said can, said tube having an opening communicating to the air substantially adjacent to said can opening.

ORVILLE L. LEOPOLD.