Jan. 20, 1931. A. P. TALLMADGE 1,789,789

RECEPTACLE HOLDER

Filed June 26, 1929

Fig. 1.

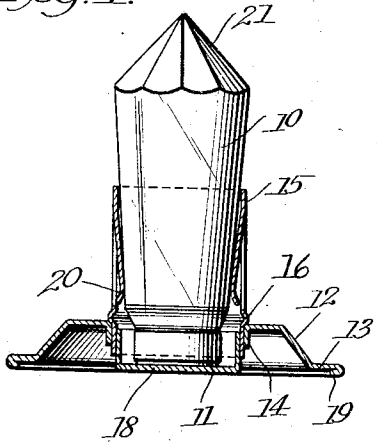


Fig. 2.

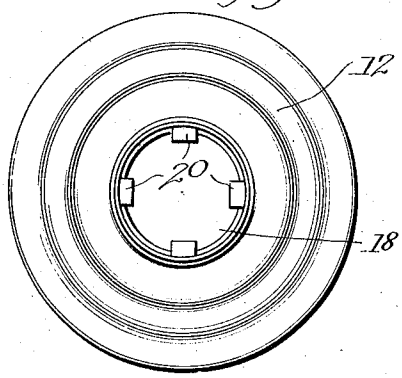
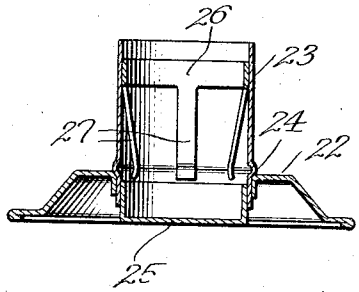


Fig. 4.



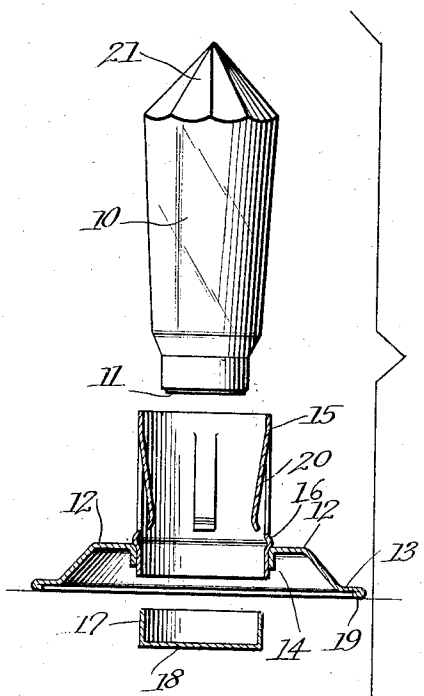


Fig. 3.

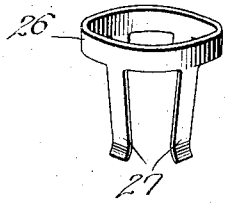


Fig. 5.

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Patented Jan. 20, 1931 1,789,789

UNITED STATES PATENT OFFICE

ANDREW P. TALLMADGE, OF WASHINGTON, DISTRICT OF COLUMBIA, ASSIGNOR OF ONE-THIRD TO PAUL D. MORRISON AND ONE-THIRD TO JOHN A. MASSIE, BOTH OF WASHINGTON, DISTRICT OF COLUMBIA

RECEPTACLE HOLDER

Application filed June 26, 1929. Serial No. 373,785.

The present invention relates to receptacle holders and more especially to an improved stand for supporting mucilage bottles or the like having a fabric dispensing end.

In order that liquid adhesive substances such as mucilage or glue may be conveniently applied to articles, the mucilage may be put up in bottles having a fabric dispensing end. It is essential that when the bottles are not in use that they be supported in such a position as to prevent the escape of the mucilage or the introduction of air into the bottles. Heretofore, the stands or holders for supporting the bottles when not in use were open to the objection that the bottles not infrequently assume a tilted position which allows the mucilage to escape and adhere to the holder.

A primary object of the present invention is to associate with a stand or holder means which when the bottle is supported by the stand tends to center the bottle and insure the adhesive end thereof resting flat upon the bottom of the stand so as to be in uniform flat contact therewith and thus prevent the escape of the mucilage.

Another object of the invention is to provide the holder with a removable bottom or end closure which bottom may be pushed off by forcing the bottle downwardly so as to permit the ready cleaning thereof. The lower surface of the end closure is normally arranged to lie in substantially the same horizontal plane as the table or desk engaging surface of the stand so that it cannot be forced off when the bottle is positioned in the holder, but will, on the contrary, be brought into firmer engagement with the table or desk when the bottle is inserted into the holder and the fabric dispensing end brought into contact therewith.

A further object of the invention is to form the mucilage receptacle or bottle of such a configuration that the bottle cannot be placed or stood on its closed end, but must be returned to the holder after each use thereof thus avoiding waste of the mucilage and the careless use of the device.

Other objects and advantages of the invention will become apparent from the following description taken in conjunction with the accompanying claims and drawings.

Referring to the drawings in which are shown several preferred embodiments of the invention,

Figure 1 is a sectional view of a mucilage bottle stand showing the invention applied thereto.

Figure 2 is a plan view of Figure 1, with the bottle removed.

Figure 3 is a disassembled view of the invention as shown in Figure 1.

Figure 4 is a sectional view of a modified form of support.

Figure 5 is a perspective view of the ring member shown in Figure 4.

Referring to the drawings in which like numerals indicate like parts, 10 denotes a receptacle such as a bottle or the like especially adapted to contain a liquid adhesive such as mucilage or glue. The bottle 10 is preferably provided with a fabric dispensing end 11 so as to permit the mucilage to be readily applied to the article when this end is moved over the surface thereof.

The bottle 10 when not in use may be supported by the stand 12 which preferably comprises an annular metallic base 13 that has a medial flanged opening 14 arranged to receive a tubular holder or member 15 that has a bead 16 for limiting the movement of the holder when it is inserted into the base. The holder 15 is fixedly secured to the base in any suitable manner such as by welding or the like. The lower end of the holder 15 receives a removable closure plate 17, the bottom surface 18 of which is normally positioned in substantially the same horizontal plane as the lower table or desk engaging sur-

face 19 of the base 12. The holder 15 and removable plate 17 constitute a cup portion of the base for receiving and supporting the dispensing end of the bottle 10 when the latter is not in use.

In order that the bottle 10 when inserted in the holder may be maintained in a proper vertical position therein, the holder 15 may have struck out therefrom the inwardly disposed yieldable fingers 20 which are so shaped and positioned as to act as centering guides for causing the bottle to assume substantially a vertical position when inserted in the holder and the dispensing end 11 to be maintained in substantially uniform flat contact with the closure plate 17, (Fig. 1).

While the plate 17 may be conveniently removed from the stand by forcing the bottle downwardly, it will be observed that when the stand is resting on a desk, table or the like, and the bottle inserted in the holder 15, that the continued downward pressure on the bottle will tend to force the dispensing end 11 thereof into firm engagement with the closure plate 17 and cause the bottom 18 of said plate to lie in substantially the same horizontal plane as the base of the stand 12.

In order that the mucilage bottle 10, when not in use, will be prevented from being stood on its top end, this portion of the bottle may be pointed, as at 21, or so shaped as to cause the bottle to fall over if an attempt is made to stand it up on this end, thus requiring the bottle to be returned to the holder after being used. By virtue of this particular arrangement, careless use of the bottle is avoided and the danger of the mucilage becoming hard eliminated.

In the modified form of the invention illustrated in Figure 4, the base 22 has a medial opening arranged to receive the holder 23 that is secured to the base 22 in any suitable manner, such as by welding or the like, and has an annular bead 24 for engaging the adjacent surface of the base to limit the downward movement of the holder when the parts are being set up. A bottom plate 25 is removably connected to the adjacent end of the holder so as to engage the fabric dispensing end of the bottle when the latter is supported by the base.

In order that the bottle may be properly maintained in position when inserted in the stand, a centering clip may be provided, which clip essentially comprises an annular ring 26 having the spaced depending spring fingers 27 arranged to engage the bottle when the latter is inserted into the holder so as to center the same and insure the bottle being maintained in a substantially vertical position. The ring 26 is secured to the holder 23 in any suitable manner such as by welding or the like.

While the removable bottom plates 17 and 25 are each shown as having a portion extending within the holder, it is quite obvious that these plates may be attached to the outside of the holder in any suitable manner.

It will be seen that by reason of the present invention, a very simple and efficient stand or holder is provided for supporting a mucilage bottle of the fabric dispensing type, which stand insures the bottle being maintained at all times in a substantially vertical position, and the dispensing end thereof maintained in uniform flat contact with the bottom of the holder so as to prevent the escape of the mucilage when once the bottle is inserted therein.

It is to be understood that the forms of the invention herewith shown and described are merely illustrative of preferred embodiments of the invention, and such changes as may fall within the purview of one skilled in the art, may be made without departing from the spirit of the present invention or the scope of the appended claims.

What I claim is:

1. A stand of the class described comprising a base having an upwardly extending hollow portion arranged to receive a receptacle, said hollow portion having a removable bottom in substantially the same horizontal plane as the ground engaging portion of the base, and yieldable means associated with said hollow portion and adapted to engage the inserted portion of the receptacle for maintaining the end thereof in substantially flat engagement with the removable bottom.

2. A stand of the class described comprising a base having a medial and upwardly extending tubular portion arranged to receive a receptacle, said portion having split fingers extending inwardly and radially thereof for engagement with the receptacle, and a removable bottom connected to said tubular portion, said bottom having its lower surface positioned in substantially the same horizontal plane as the ground engaging portion of the base.

3. A stand of the class described comprising a base having an upwardly extending hollow portion arranged to receive a receptacle, said hollow portion having a removable bottom, and yieldable means associated with said hollow portion and adapted to engage the inserted portion of the receptacle for maintaining the end thereof in substantially flat engagement with the removable bottom.

4. Means for holding a liquid receptacle comprising a support having a tubular portion adapted to receive and hold the receptacle and an end closure member detachably connected to said tubular portion and adapted to be forced therefrom by lengthwise pressure exerted upon the receptacle.

5. Means for holding a bottle comprising a stand adapted to support the bottle, said stand having a medially disposed tubular portion, a closure member detachably con-

nected to one end of said tubular portion and adapted to be forced therefrom by lengthwise pressure exerted upon the bottle.

6. Means for holding a liquid receptacle comprising a tubular support adapted to receive and hold said receptacle, said support having yieldable means therein for maintaining the receptacle in a fixed position, and a closure member detachably connected to the lower end of said support, and adapted to be forced therefrom by lengthwise pressure exerted upon the receptacle.

In testimony whereof I have hereunto set my hand.

ANDREW P. TALLMADGE.