

No. 824,137.

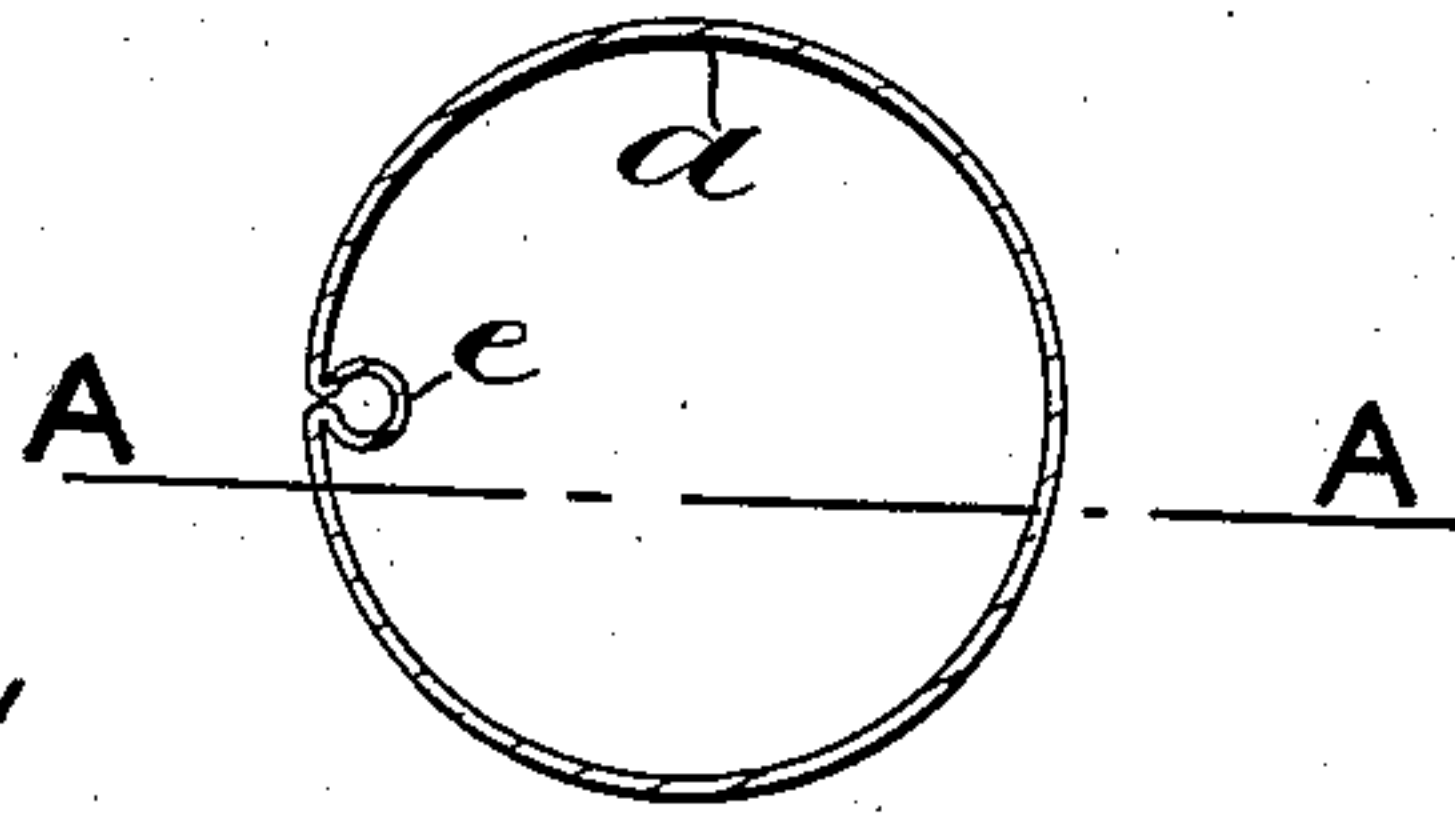
PATENTED JUNE 26, 1906.

G. J. ORANGE.

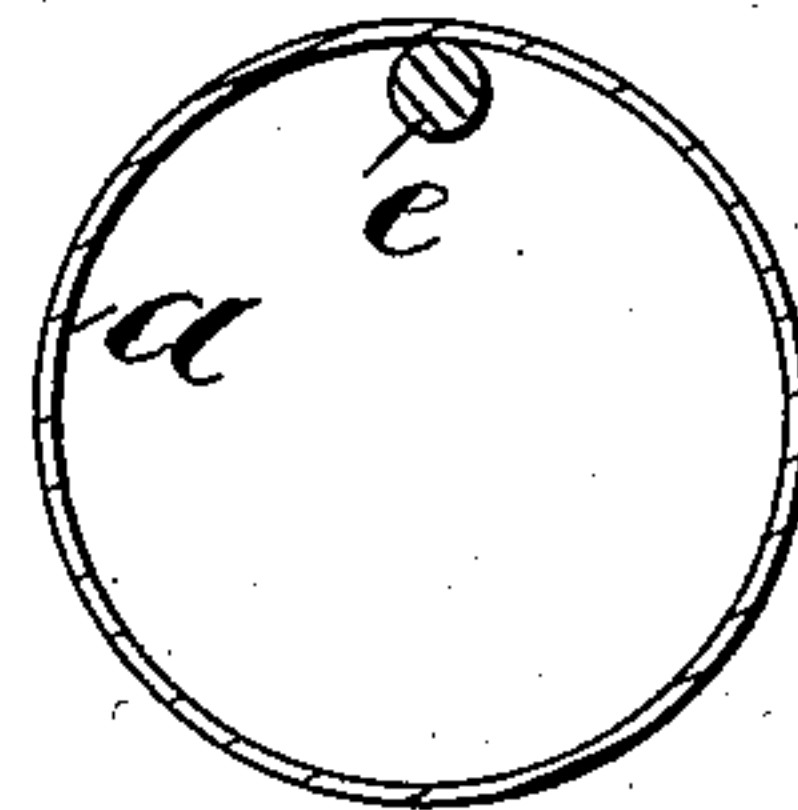
RECEPTACLE OR HOLDER FOR COMPOSITIONS IN STICK FORM.

APPLICATION FILED OCT. 21, 1905.

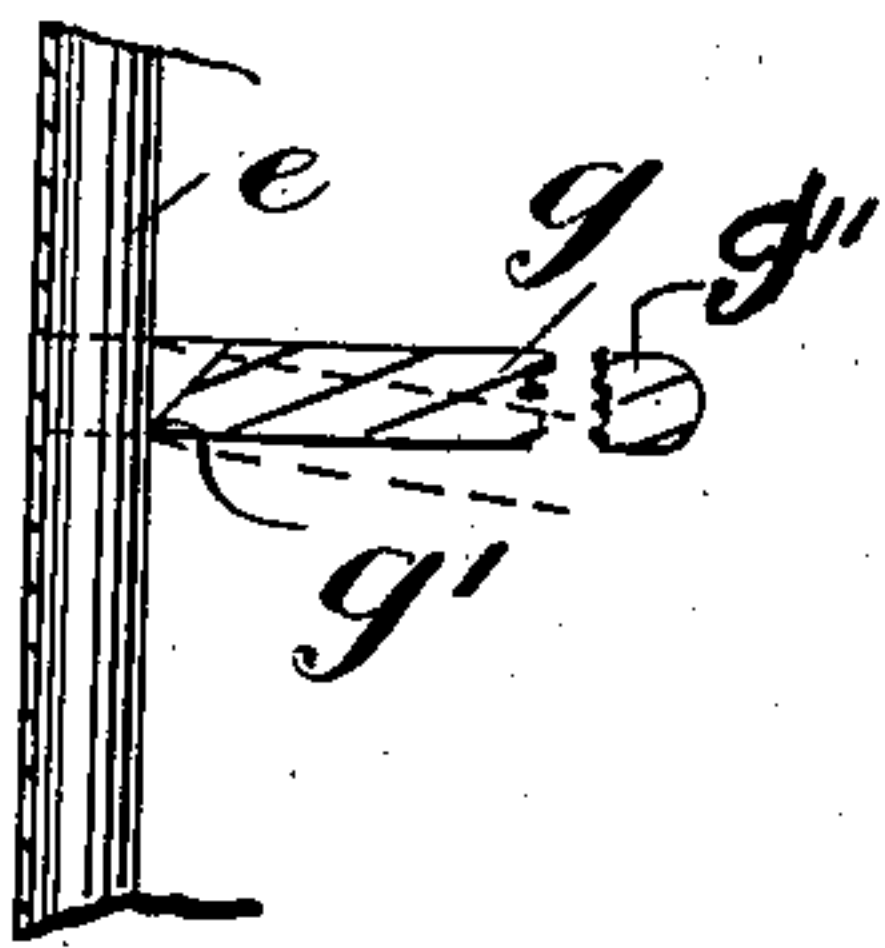
*Fig. 1*



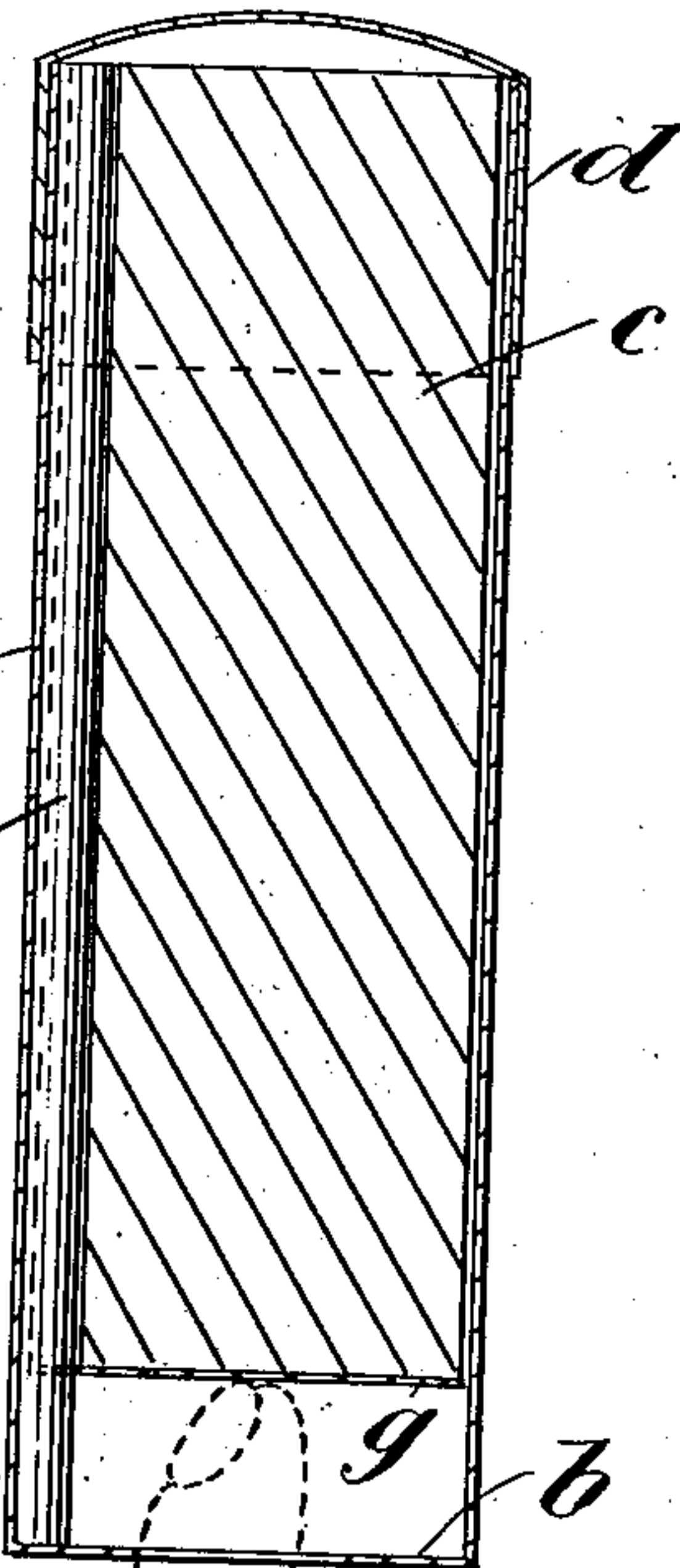
*Fig. 5*



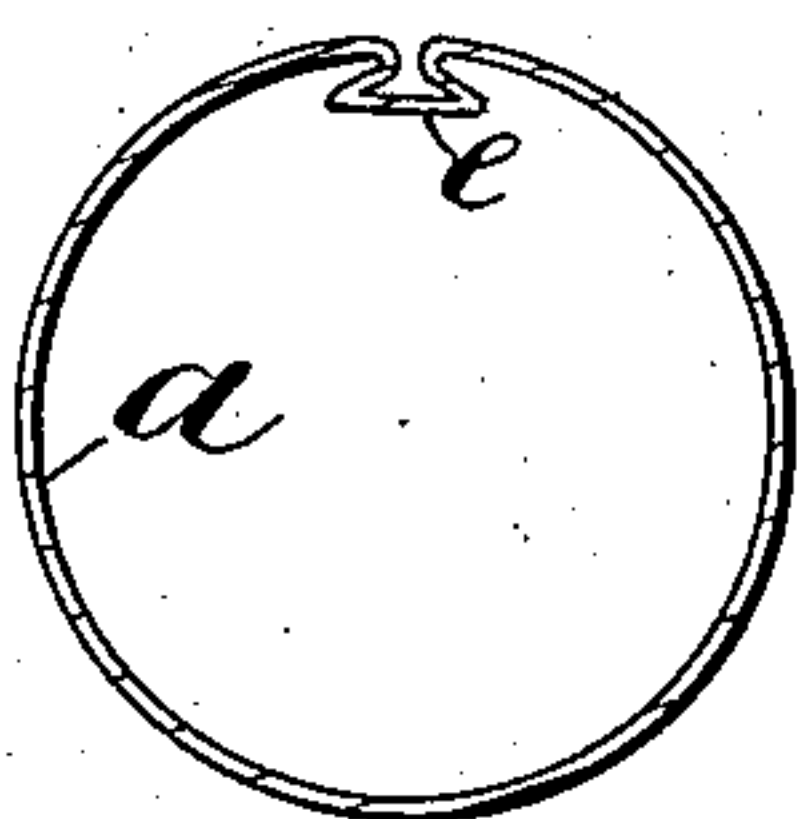
*Fig. 6*



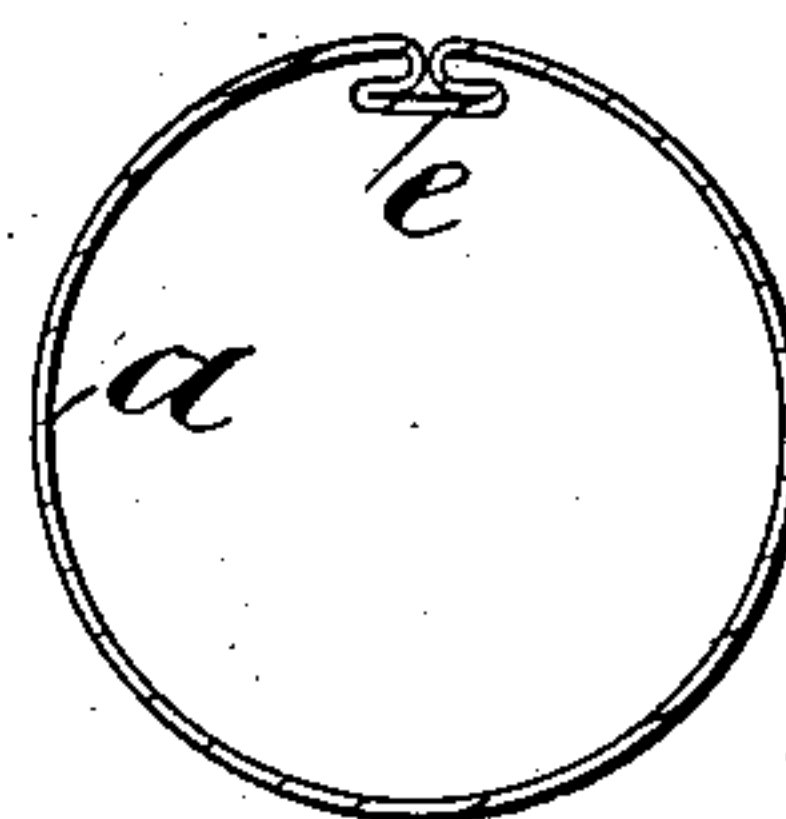
*Fig. 2*



*Fig. 3*



*Fig. 4*



Witnesses:  
John A. Slifert.  
Robert A. C.

Inventor:  
George James Orange.  
By his Attorney,  
J. H. Richards.



# UNITED STATES PATENT OFFICE.

GEORGE JAMES ORANGE, OF MANCHESTER, ENGLAND.

## RECEPTACLE OR HOLDER FOR COMPOSITIONS IN STICK FORM.

No. 824,137.

Specification of Letters Patent.

Patented June 26, 1906.

Application filed October 21, 1905. Serial No. 283,744.

*To all whom it may concern:*

Be it known that I, GEORGE JAMES ORANGE, a subject of the King of Great Britain and Ireland, residing in Monton, Manchester, England, have invented certain new and useful Improvements in Receptacles or Holders for Compositions in Stick Form, of which the following is a specification.

This invention relates to an improved receptacle or holder for compositions in stick form; and it has for its object to provide a holder in which provision is made whereby the adjustment of the stick as the length thereof decreases may be readily effected and the stick maintained in position automatically.

In carrying the invention into effect I construct a receptacle comprising a cylindrical or other body which may be formed of cardboard, metal, or any other suitable material, provided at one end with a cup or cover of ordinary form, and at the other end or bottom the said receptacle is provided with an internal flange adapted to support the substance contained therein and at the same time to permit the introduction of the finger to raise same as its length decreases. The receptacle is provided interiorly with a longitudinally-disposed rib or projection of some suitable outline which will be engaged by properly-disposed faces upon a movable plate or bottom for the receptacle, the form and dimensions of such plate or bottom being such that it will move freely within the body, and it may, if desired, conform in outline to the outline of the body of said receptacle. The engaging faces upon said plate or bottom member are so shaped and disposed that when the plate is in one position it may be slid readily along the rib or projection, and when it is moved at a slight angular distance to such position the engaging faces will bite upon the surface of said projection sufficiently to retain said bottom member or plate and the stick of material which may be secured thereto in its adjusted position. By this means the stick may be adjusted to project beyond the end or mouth of the receptacle and will be maintained in this position until further adjustment is requisite.

In order that the invention may be the better understood, drawings are appended, in which—

Figure 1 is a transverse section of a receptacle constructed in accordance with the present invention. Fig. 2 is a longitudinal

section an line A A, Fig. 1. Figs. 3 and 4 are transverse sections showing alternative forms of the invention. Fig. 5 is a section illustrating a method of construction. Fig. 6 is a sectional view to an enlarged scale, showing more clearly the action of the adjustable bottom.

Referring to the accompanying drawings, *a* indicates the receptacle, which may be of metal or other suitable material, and is provided at its lower end with a bottom *b*, having an opening for the insertion of the finger, as shown by dotted lines in Fig. 2, in order to raise the stick *c*. The upper end of the receptacle is open and is provided with a removable cover *d*.

Formed upon the interior of the receptacle and running parallel with the longitudinal center thereof is a rib or projection *e*, which may be formed by rolling or otherwise shaping the body of the receptacle, so that it forms an integral portion thereof, or it may be formed separate from the body, as shown in Fig. 5, and secured to the interior of the receptacle in any convenient manner. The sectional outline of the rib *e* may be either that shown in the various views illustrating the invention or other outlines may be employed, as may be found most suitable or convenient of manufacture. The stick of material *c* is secured at one end to a plate or member *g* constituting an adjustable bottom, the outline of which conforms more or less closely to the sectional outline of the receptacle and is of such dimensions as to permit it to be moved freely within the said receptacle. As shown in Fig. 2, the adjustable bottom has an opening for the passage of the rib *e*, which is there shown as of circular section, which opening has faces for engaging said rib.

In use the adjustable bottom and stick are raised by the finger, as shown in Fig. 2, and when adjusted to the desired height the finger is withdrawn, when the weight of the stick causes the adjustable bottom to incline somewhat when the upper and lower edge, respectively, of that portion of the adjustable bottom surrounding the rib *e* are forced against said rib, and the stick is held in position until further adjustment is necessary.

I may in some instances employ a comparatively thick adjustable bottom *g*, as shown in Fig. 6, the edge of the opening therein being provided with a knife-edge *g'*, so that when the disk is inclined, as shown by the



dotted lines, the knife-edge will bite upon the rib and a firm hold be secured. Where an adjustable bottom such as that above referred to is employed in order to permit its ready manipulation, the edge *g''* may be rounded, as shown.

It will be seen that when the adjustable bottom is sustaining the weight of the stick it will be normally locked by its engaging faces biting the rib or guide member and that in this position the adjustable bottom will be at an angle from the perpendicular of said rib or guide member; but when it is desired to advance the stick and the adjustable bottom is raised into a position transversely of the line of its movement and also of the line of said guide member the faces will be freed and the bottom will move readily forward, and upon releasing the adjustable bottom it will again assume a position at an angle to said transverse plane and will again become locked.

While I have illustrated various forms of rib, it will be understood that I do not wish to limit myself thereto, as I may vary the outline thereof, as may be found in practice to be most desirable.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is—

1. The combination with a receptacle having an open bottom and an interior longitudi-

dinally-disposed rib, of an adjustable bottom provided with an opening, the edges of which engage said rib for sliding thereon when free from weight and for biting the rod when bearing the weight of the contents of the receptacle.

2. The combination with a receptacle having an open bottom and provided with an interior longitudinally-disposed rib, of an adjustable bottom having faces for engaging said rib and guiding the said bottom in its movement of adjustment when the plane of said bottom is substantially transverse to its direction of movement and for engaging said rib when the adjustable bottom assumes a position at an angle to such transverse position.

3. The combination with a receptacle, of a longitudinally-disposed guide member therein, an adjustable bottom within said receptacle and having faces embracing said guide member, and a stick of composition secured to said adjustable bottom, the weight of the stick upon said bottom normally causing said faces to engage and lock with the guide member.

In witness whereof I have hereunto set my hand in the presence of the two undersigned witnesses.

GEORGE JAMES ORANGE.

Witnesses:

EDGAR CROSFIELD PEARSON,  
H. MUOTHER.