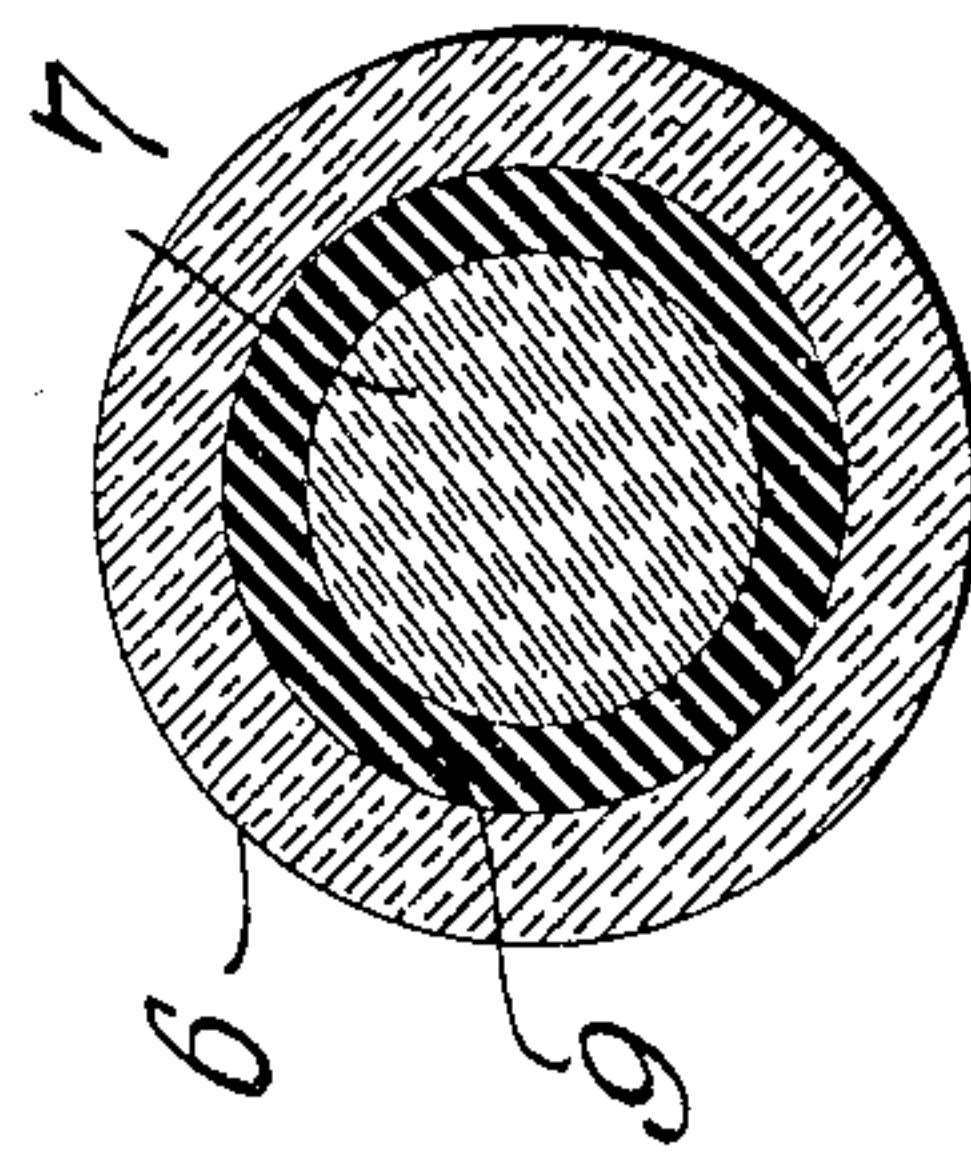
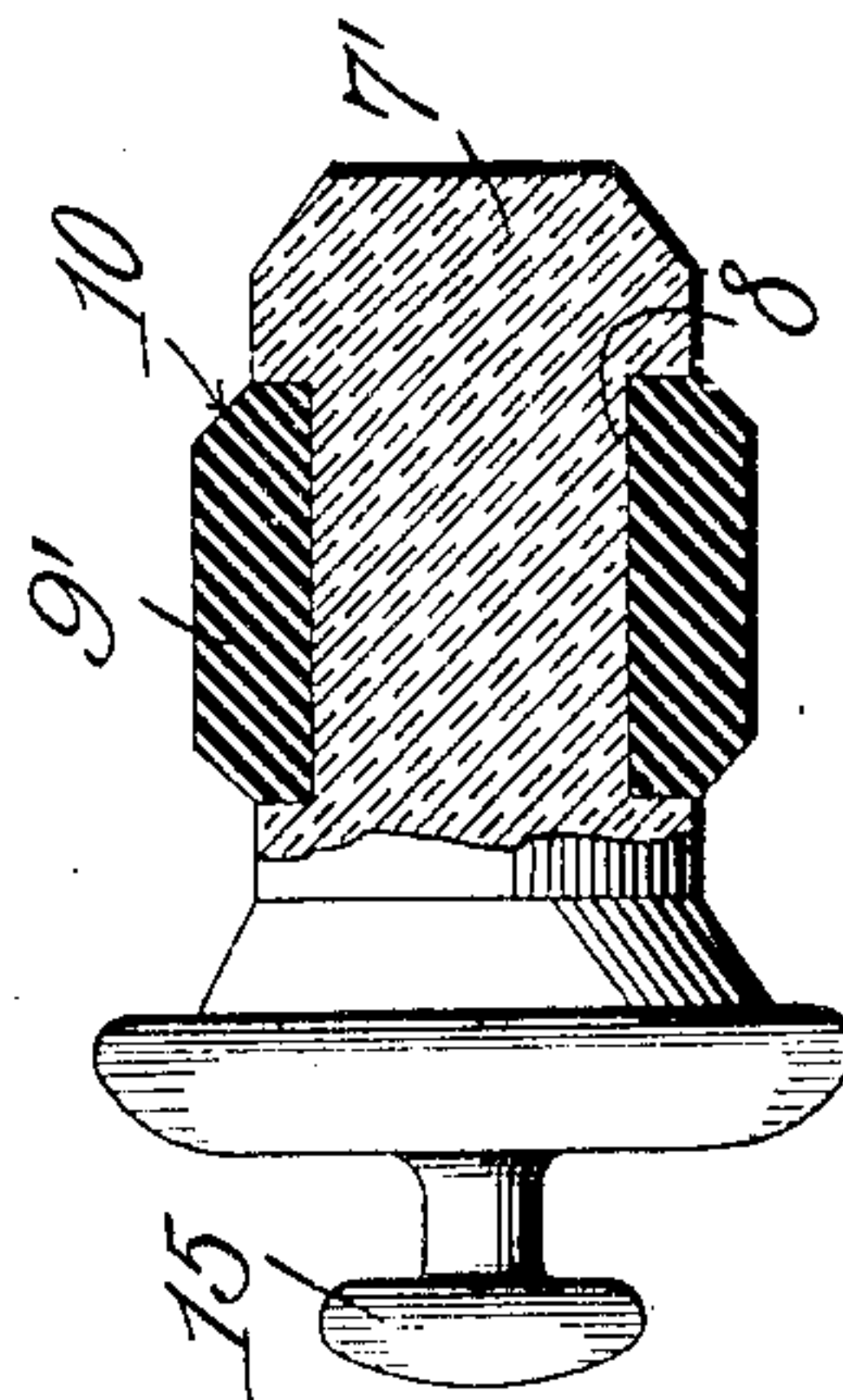
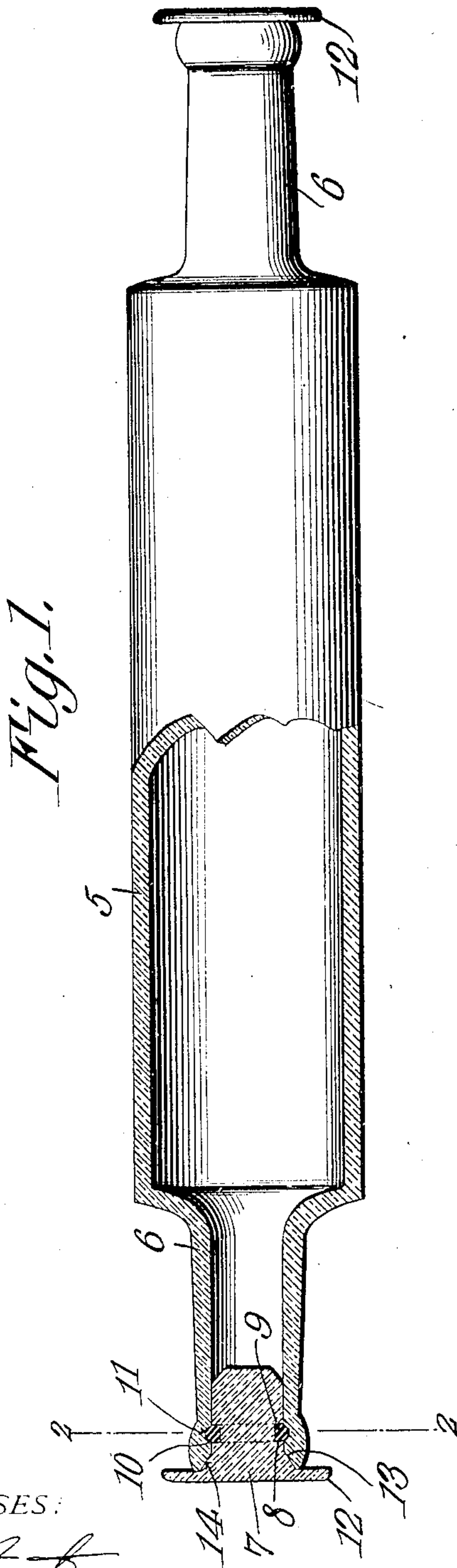


No. 875,683.

PATENTED JAN. 7, 1908.

E. L. BELL.
COMBINED BOTTLE AND ROLLING PIN.
APPLICATION FILED NOV. 13, 1906.



WITNESSES:

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J. M. McKee

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UNITED STATES PATENT OFFICE.

ENDO L. BELL, OF NORFOLK, VIRGINIA.

COMBINED BOTTLE AND ROLLING-PIN.

No. 875,683.

Specification of Letters Patent.

Patented Jan. 7, 1908.

Application filed November 13, 1906. Serial No. 343,227.

To all whom it may concern:

Be it known that I, ENDO L. BELL, a citizen of the United States, residing at Norfolk, in the county of Norfolk and State of Virginia, have invented a new and useful Combined Bottle and Rolling-Pin, of which the following is a specification.

This invention relates to a combined bottle and rolling pin and has for its object to provide a comparatively simple and inexpensive device of this character which performs the dual function of a rolling pin and bottle for containing liquid or other material.

A further object of the invention is to provide a receptacle having its opposite ends reduced to form terminal necks or handles and provided with removable closures whereby the contents of the receptacle may be introduced or removed from the receptacle through either end thereof.

A further object is to provide a novel form of packing for preventing the escape of the contents of the receptacle.

A still further object of the invention is to generally improve this class of devices so as to increase their utility, durability and efficiency as well as to reduce the cost of manufacture.

With these and other objects in view the invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, and illustrated in the accompanying drawings, it being understood that various changes in form, proportions and minor details of construction may be resorted to within the scope of the appended claims.

In the accompanying drawings forming a part of this specification: Figure 1 is a side elevation partly in section of a combined bottle or rolling pin constructed in accordance with my invention. Fig. 2 is a transverse sectional view taken on the line 2—2 of Fig. 1. Fig. 3 is a side elevation partly in section illustrating a modified form of stopper or closure.

Similar numerals of reference indicate corresponding parts in all of the figures of the drawings.

The improved device comprises a hollow receptacle or body portion 5 preferably cylindrical in shape, as shown, and formed of glass or other suitable material, said body portion having its opposite ends reduced to form terminal necks 6 constituting handles when the device is used as a rolling pin.

Engaging the interior walls of the necks 6 are suitable stoppers 7 also preferably formed of glass, porcelain or similar material and each provided with an annular circumferential groove 8 in which is seated a yieldable packing ring or washer 9. The circumferential groove 8 is substantially rectangular in cross-section, as shown so as to prevent accidental displacement of the packing ring or washer 9, said washer being extended laterally beyond the adjacent walls of the stopper 7 and having its edges inclined or beveled, as indicated at 10 for engagement with a correspondingly shaped groove 11 formed in the interior walls of the neck 6. By making the walls of the packing ring or washer angular in shape, as shown the latter will effectually grip the walls of the groove 11 and thus prevent the stopper from being accidentally displaced.

The head of the stopper is provided with a laterally extending flange 12 which projects beyond the exterior walls of the neck 6 and serves as a finger piece to assist in withdrawing the washer from the neck and also serves as a guard to prevent the hand of the operator from slipping off the neck or handle 6 when the device is used as a rolling pin.

Attention is called to the fact that the interior walls of the neck 6 at the mouth thereof are inclined or beveled towards the interior of the receptacle, as indicated at 13 while the head of the stopper or closure is correspondingly inclined or beveled at 14 for engagement with the inclined walls of the neck, the end of the neck being positioned against the flange 12 thus effectually preventing the escape of liquid.

When the device is used as a bottle one of the stoppers 7 is removed and the liquid introduced through the adjacent neck into the body of the receptacle in the usual manner.

In using the device as a rolling pin the operator grasps the necks or handles 6 and rotates the receptacle 5 back and forth over the dough, the flanges 12 of the stoppers serving to prevent the hands from slipping off the necks 6 during the rolling operation.

In Fig. 3 of the drawings there is illustrated a modified form of the invention in which the stopper 7' is provided with a terminal knob or finger piece 15 to assist in withdrawing the stopper from the neck of the receptacle, the packing ring or washer 9' being relatively wide thereby to present an extended bearing surface for engagement with

the correspondingly shaped groove in the neck of the bottle.

From the foregoing description it will be seen that there is provided an extremely simple, inexpensive and efficient device admirably adapted for the attainment of the ends in view.

Having thus described the invention what is claimed is:

1. A device of the class described comprising a hollow receptacle having its opposite ends reduced to form terminal necks, the interior walls of each neck at the mouth thereof being inclined towards the body of the receptacle, there being continuous seating grooves formed in the interior walls of the necks and spaced from the inclined portions of said walls, closures seated in the necks and each having one end thereof inclined to correspond to the inclination of the ends of the necks and bearing against the same, and packing rings interposed between the walls of the closures and necks and adapted to enter the grooves in the latter.
2. A device of the class described including a hollow receptacle having its opposite ends reduced to form terminal necks, the interior walls of each neck at the mouth thereof being inclined towards the body of the receptacle and provided with a continuous seating groove, closures seated in the necks and each provided with an inclined shoulder adapted to bear against the inclined end of

the adjacent neck, angular packing rings carried by the closures and engaging the seating grooves formed in the walls of the necks, flanges formed on the closures and projecting laterally beyond the exterior walls of the necks, said flanges bearing against the terminals of the necks at the inclined shoulders of said closures.

3. A device of the class described comprising a hollow receptacle having its opposite ends reduced to form terminal necks the exterior walls of which are provided with circumferential enlargements, the interior walls of the necks at the enlargements being inclined towards the body of the receptacle and provided with annular seating grooves, a closure seated in each neck and having its side walls inclined for engagement with the correspondingly inclined interior walls of the adjacent neck, packing rings interposed between the closures and the interior walls of the necks and seated in said annular grooves, and flanges formed on the closures and extended laterally beyond the exterior walls of the enlargements.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

ENDO L. BELL.

Witnesses:

J. EDWARD COLE,
FRANK W. COLE.