No. 855,083. PATENTED MAY 28, 1907

W. YOHA.

CLOSURE FOR CANS OR SIMILAR RECEPTACLES.

APPLICATION FILED SEPT. 19, 1906.

Fig. 1.

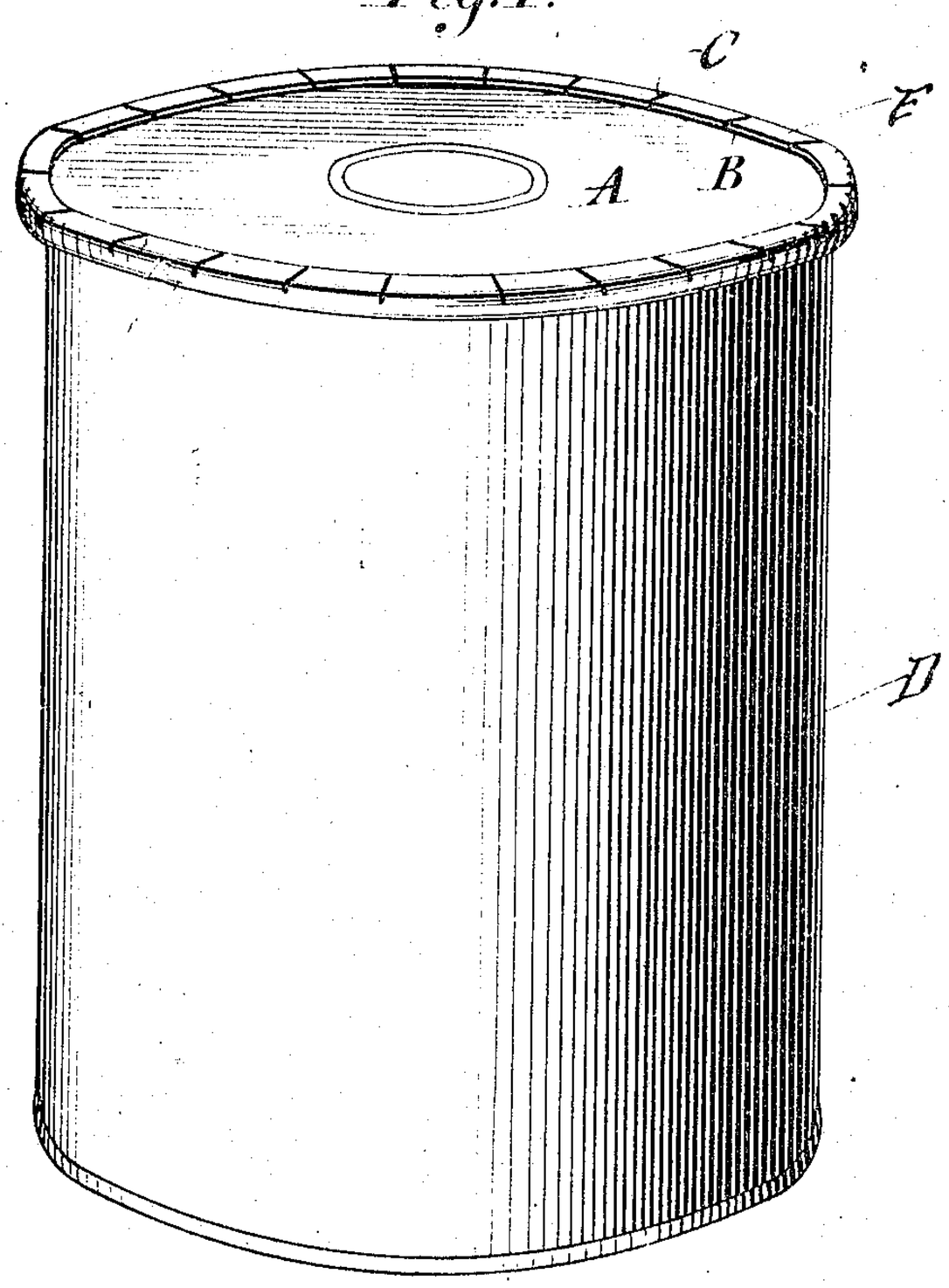


Fig. 3.

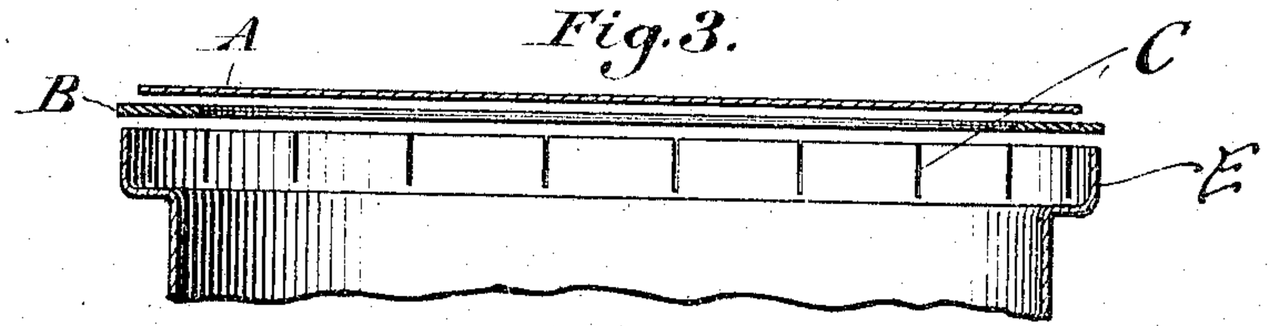


Fig. 2.

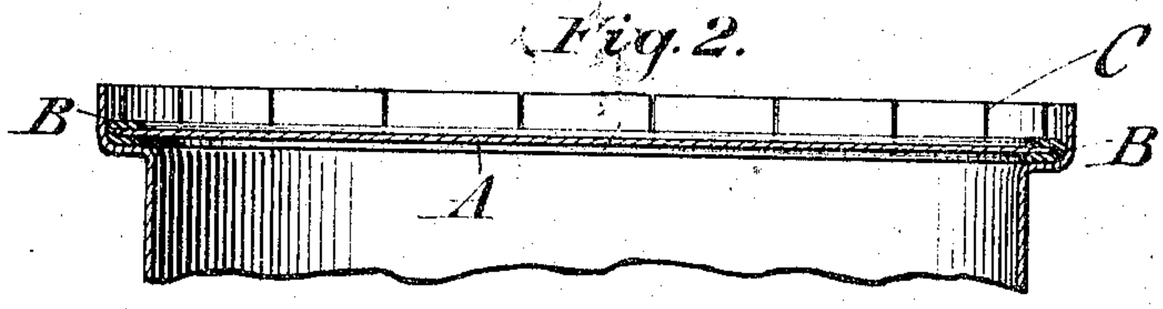
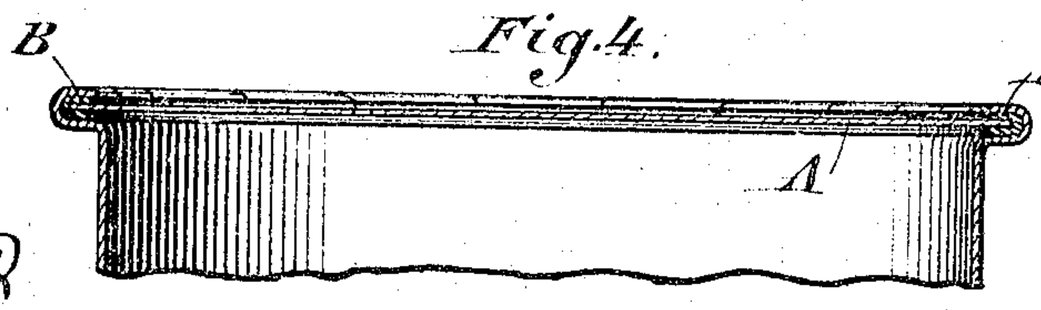


Fig. 4.



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CLOSURE FOR CANS OR SIMILAR RECEPTACLES.

No. 855,083. Specification of Letters Patent. Patented May 28, 1907.

Application filed September 19, 1906. Serial No. 335,335.

To all whom it may concern:

Be it known that I, WILLIAM YOHA, of the city of Mansfield, in the county of Richland and State of Ohio, have invented a new and Improved Closure for Cans or Similar Receptacles; and I do hereby declare that the following is a full and exact description of the same.

The object of this invention is to provide a simple closure for cans or similar receptacles, the invention residing particularly in the formation of the top portion of the can in a peculiar manner whereby the same may be operated upon in order to effectively secure the closure of the receptacle in position, after said receptacle has been filled.

A further object of the invention is to provide a closure which embodies a maximum degree of simplicity, admits of sealing the receptacle to which it is applied in a quick and effective manner, and which possesses other advantages which will be appreciated on reference to the following description.

In the accompanying drawing, Figure 1 is a perspective view of a can or receptacle embodying the invention; Fig. 2 is a vertical sectional view of the upper portion of a can showing the relative arrangement and size of the gasket and closure which are located in spaced relation to the top of the receptacle; Fig. 3 is a fragmentary view similar to Fig. 2, the closure being shown in operative position, the slitted flange of the receptacle, however, not being bent or turned downward as when in coöperation with the closure to seal the receptacle; and Fig. 4 is a view similar to Fig. 3 illustrating the receptacle closed.

Like reference characters refer to like parts throughout the description and in the drawing.

Specifically describing the invention, the letter D designates the body of the receptacle which may be of any suitable type and which is provided at the upper portion thereof with a lateral offset, or shoulder, upon which the closure A is adapted to be supported when in operative position closing the said receptacle.

Formed integrally with the offset or shouldered portion of the top of the can is a vertical flange or rim E which is provided at intervals with the annularly arranged slits C. The closure A is flat and may be made of any suitable material desired. To provide an air-tight sealing means for the receptacle, the closure A has a rubber gasket which embraces the peripheral portion, part of said gasket extending above the closure and a portion extending below said closure, as shown most clearly in Fig. 4 of the drawing. In other words, when the gasket, indicated B, is applied to the closure, said gasket embraces the peripheral portion of said closure in such a way that the lower portion of the gasket is interposed between the closure and the shouldered or offset portion of the can, thus effectively sealing the receptacle in an air-tight manner, after the slitted flange E has been operated upon so as to be turned or bent down over the top portion of the closure A at the edges of the latter.

The formation of the slits C in the flange E facilitates the operation of bending or turning the flange over upon the closure whereby the flange coöperates with said closure to clamp the latter in position upon the shouldered or offset portion of said can or receptacle, the operation of turning the flange E into the position shown most clearly in Fig. 4 of the drawing, compressing the gasket B in an obvious manner and thus sealing the receptacle so that the latter is both air and water-tight.

By reason of the formation of the flange E, and its coöperation in securing the closure A which is flat, it will be apparent that the flange may be readily operated upon by a suitable tool whereby it may be turned over upon the closure in a single operation.

Having thus described the invention, what is claimed as new is:

In combination with a can or receptacle of the class described and having an offset or shouldered portion at its upper open end, a closure adapted to rest upon the shouldered portion, said shouldered or offset portion being provided with an integral vertical flange extending upwardly therefrom and formed at intervals with slits substantially as specified, and a gasket embracing the peripheral portion of the closure and extending above and beneath said closure, the vertical slitted flange aforesaid being turned or bent so as to engage over the peripheral portion of the closure to secure said closure in position upon the can, the gasket being compressed by the coöperation of the flange with the closure.

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