March 1, 1927.

1,618,989

J. D. McCUMPSEY

SANITARY MILK BOTTLE

Filed July 9, 1925

Fig. 1.

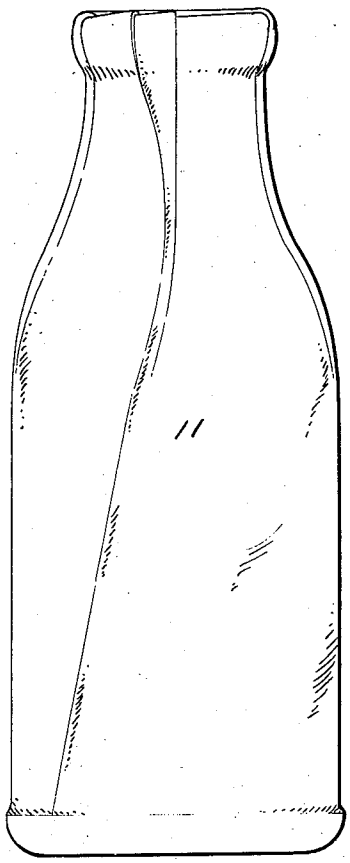
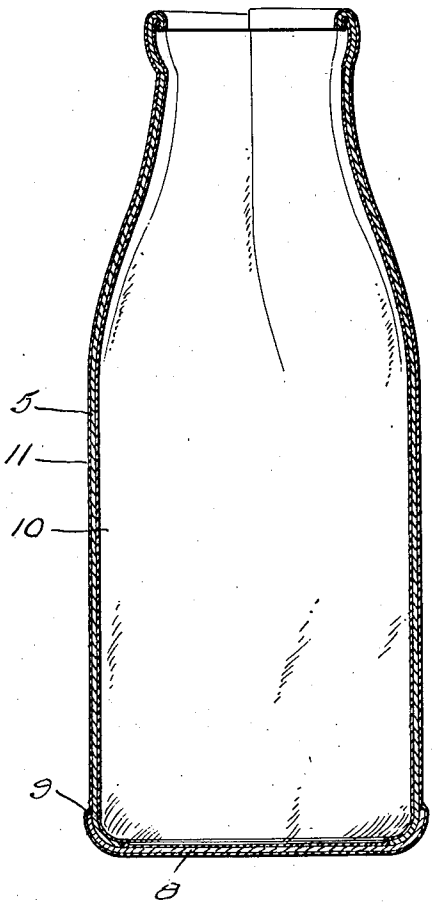


Fig. 2.



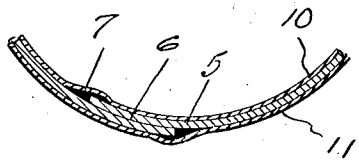


Fig. 3.

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Patented Mar. 1, 1927.

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UNITED STATES PATENT OFFICE.

JOSEPH D. McCUMPSEY, OF ALTOONA, PENNSYLVANIA.

SANITARY MILK BOTTLE.

Application filed July 9, 1925. Serial No. 42,470,

The present invention relates to a sanitary milk bottle and has for its principal object to provide an exceedingly simple and inexpensive structure of this nature which may be formed of paper material in conjunction with paraffin.

Another important object of the invention is to provide a sanitary milk bottle of this nature which will be highly efficient and reliable in use, easy to manufacture, and otherwise well adapted to the purpose for which it is designed.

With the above and numerous other objects in view as will appear as the description proceeds, the invention resides in certain novel features of construction as will be hereinafter more fully described and claimed.

In the drawing—

Figure 1 is an elevation of the milk bottle embodying the features of my invention,

Fig. 2 is a vertical section therethrough, and

Fig. 3 is a fragmentary transverse section therethrough.

Referring to the drawing in detail it will be seen that the body of the bottle is formed from a strip of relatively thick paper material indicated at 5 which is curved transversely to simulate the general formation of the body of an ordinary milk bottle, and has its ends overlapped as is indicated at 6. Paraffin or the like 7 is applied to the edges of the overlapping ends as is indicated to advantage in Fig. 3, thereby providing a tight joint. A bottom strip 8 is then formed and applied to the bottom open end of the strip 5 and a seal of paraffin as is indicated at 9 may be provided.

Paraffin paper 10 of less thickness than the strip 5 is applied on the entire inner surface of said strip 5, as is indicated to advantage in Fig. 2 and a coating of paraffin is applied to the interior surface thereof. A similar sheet of paraffin paper 11 is then applied to the exterior of the sheet 5 and bottom 8 and is thoroughly sealed by the use of a paraffin coating. These paraffin coatings may be applied in any other well known ways.

From the above detailed description it will be seen that I have constructed a bottle which is exceedingly cheap from a manufacturing standpoint but will be sufficiently strong and durable to withstand the usages to which an ordinary milk bottle is put and because of its cheapness can be thrown away like any other paper receptacle after having been used. The cost of this milk bottle will hardly be any more than the cost of cleaning and sterilizing the ordinary glass milk bottle.

The present embodiment of the invention has been disclosed merely by way of example since in actual practice it has proved to attain the features of advantage enumerated as desirable in the statement of the invention and the above description.

It will be apparent that numerous changes in the details of construction, and in the combination and arrangement of parts may be resorted to without departing from the spirit or scope of the invention as hereinafter claimed or sacrificing any of its advantages.

Having thus described my invention, what I claim as new is:—

A sanitary milk bottle of the class described including a strip of relatively thick paper material rolled only once to provide a hollow body having overlapping side edges sealed with paraffin, the bottom edge of the body being turned inwardly, a bottom applied exteriorly to the inturned bottom edge of the body and sealed in respect to the body with paraffin, a paper coating inside the body and bottom and coated with paraffin, and an outer paper coating on the outside of the body and bottom and coated with paraffin, said outer paper coating holding the bottom in place.

In testimony whereof I affix my signature.

JOSEPH D. McCUMPSEY.