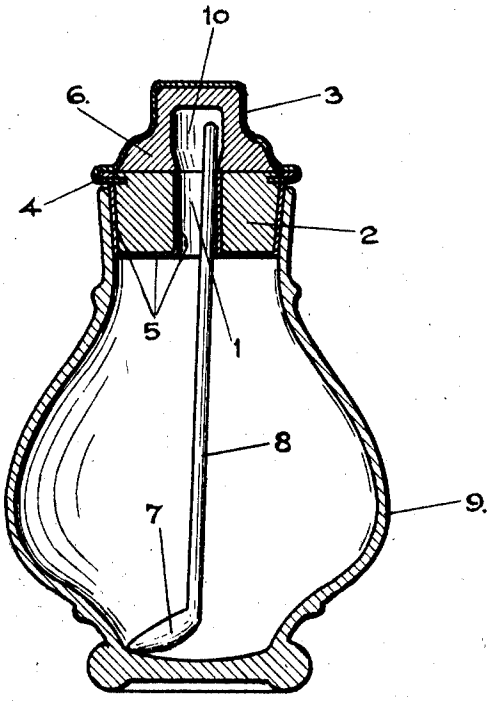
April 2, 1929. S. SOLBUE 1,707,328

JAR CLOSURE

Filed Feb. 29, 1928



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Patented Apr. 2, 1929. 1,707,328

UNITED STATES PATENT OFFICE.

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JAR CLOSURE.

Application filed February 29, 1928, Serial No. 258,054, and in Sweden January 19, 1928.

This invention relates to jars or similar vessels for such edibles which preferably may be kept safe from direct action by the air in order to prevent them from decay.

One object of this invention is to provide a jar closure which will remain absolutely tight and not be injured by the influence of acids or other noxious constituents in the material contained in the jar.

Another object of my invention is a jar closure which allows a spoon, a spatula, a brush or a similar implement to be left in the jar since the closure has been tightened, and that even if said implement has a stem of such a length that it projects above the mouth of the jar.

In the accompanying drawing an elevation in section of an embodiment of my invention is exemplified especially adapted to be used as a mustard pot for the table. I am however anxious to make clear, that I do not want to restrict my invention to exclusively such contrivances as shown in the drawing, as my invention with the same profit can be realized in conjunction with other shapes of containers as well as for other perishables.

In the drawing the jar or container is designated 9 and though manufactured of glass, any other suitable material can be employed. The closure consists of a cork 2 or a plug of some other suitable material which is provided with a central bore 1 of a comparatively small diameter. A dome-like cap 3 of some malleable metal closes the upper mouth of the bore 1 from communication with the atmosphere, said metal cap being secured air tight to the cork or plug 2 by means of the inwardly bent edge 4 which forms a collar or flange squeezed into the cork or plug body. In order to facilitate the applying and removing of the closure and to make its material nonpenetrable for moistures and gases the body of the closure is coated with paraffine or similar substances all around its outer cylindrical surface as well as the cylindrical surface of the bore 1 and the bottom end surface. These coatings are in the drawing designated at 5.

In accordance with this invention the interior 6 of the dome like cap 3 is filled with paraffine or similar substances, so that only a rather small portion thereof is left empty in the form of a cavity 10 which comprises an extension of the bore 1 so that said bore in combination with the cavity 10 forms an inverted cup-shaped recess in the cap. This cap may be filled by pouring molten paraffine through the bore 1 when the closure is held in an inverted position whereby the quick running molten mass fills up also the joints between the cap 3 and the plug or cork 2 around the edge 4. Having filled the cap with paraffine and permitted to solidify, a pin of wood, glass or other suitable material is inserted through the bore 1 and the filling in cap 3 is reamed so that the cavity 10 of desired size will be formed.

When applying the closure to a jar 9 where the spoon 7 is left with its stem 8 projecting above the mouth of the jar, the upper end of said stem 8 enters the bore 1 in the plug 2 and the cavity 10 in the cap 3 so that the airtight closing of the jar by the closure will not be prevented by the projecting stem 8. When some of the contents of the jar are to be taken out the closure is removed and then the upper end of stem 8 of the implement 7 is accessible without having been soiled by the contents of the jar.

Having thus described my said invention what I claim is:

A removable closure for bottles and the like comprising a compressible stopper portion having a centrally disposed aperture therein, a metallic inverted cup-shaped cap portion secured to the outer periphery of said stopper, and a filling of non-porous material cooperating with said cap and stopper portions, said filling having a recess therein in alignment with said aperture.

In testimony whereof I have affixed my signature.

SVERRE SOLBUE.