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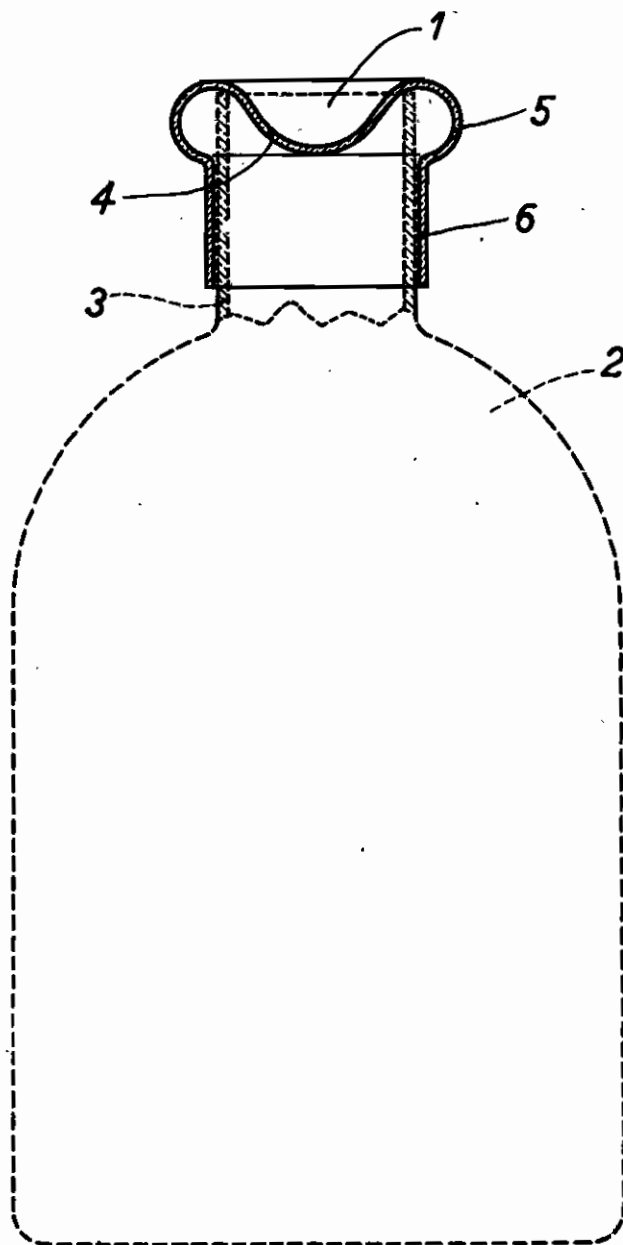
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MAY 25, 1943. CLOSING DEVICE FOR ORGANISM CULTURE VESSELS

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# ALIEN PROPERTY CUSTODIAN

## CLOSING DEVICE FOR ORGANISM CULTURE VESSELS

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This invention relates to a closing device for cylindrically walled organism culture vessels. Formerly, the covers for closing culture vessels used for bacteriological investigations were so designed that, on having covered the vessel, a more or less capillary interspace existed between the cover and the wall of the vessel, said interspace filling wholly or partly with condensation-fluid while the charged vessel was being sterilized. This condensation-fluid reaching from the mouth of the vessel up to the rim of the closing cover, the contents of the vessel were subject to infection. Furthermore, there is a possibility of an air-infection taking place through the air space occasioned when the fluid-layer in question should dry up.

To eliminate these drawbacks the invention provides that that part of the cover lying between the cylindrical part and the bottom is made to bulge out in annular fashion, said bulge preventing a continuous fluid-layer to form from the

edge of the vessels to the rim of the closing cover. The introduction, of a large air space between the cylindrical part and the bottom of the cover furthermore increases the protection from air-infection in that the further advance of the bacteria is effectively impeded in the said interspace.

A further advantage will be if the bottom of the cover is vaulted towards the inside thus permitting the moisture precepitating on the inside of the bottom of the cover to drop down into the vessel.

In the annexed drawing a constructional example of the invention is shown in longitudinal section.

Number 1 designates a closing device of glass intended for a culture flask 2 provided with a bottle-neck 3. The bottom 4 of the closing device is vaulted towards the inside, while an annular bulge 5 is provided for between the bottom and the cylindrical part 6 of the device.

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