

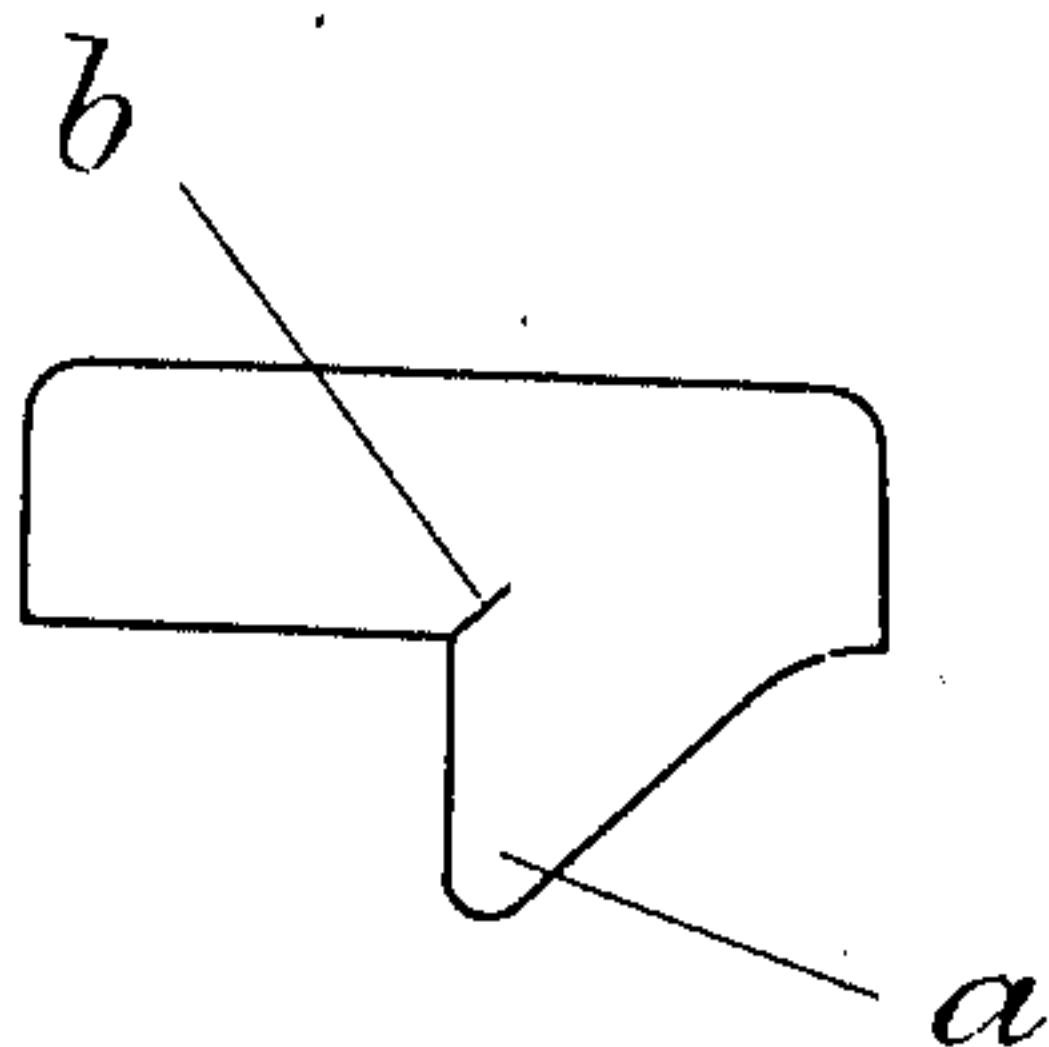
C. W. V. MESSERSCHMIDT.

METAL CAPSULE.

APPLICATION FILED AUG. 13, 1907.

970,077.

Patented Sept. 13, 1910.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

CHRISTIAN WILLIAM VILHELM MESSERSCHMIDT, OF COPENHAGEN, DENMARK.

## METAL CAPSULE.

970,077.

Specification of Letters Patent. Patented Sept. 13, 1910.

Application filed August 13, 1907. Serial No. 388,414.

*To all whom it may concern:*

Be it known that I, CHRISTIAN WILLIAM VILHELM MESSERSCHMIDT, merchant, a subject of the Kingdom of Denmark, residing at 5 Gamle Kongevej 6, Copenhagen, Denmark, have invented new and useful Metal Capsules; and I do hereby declare the following to be a full, clear, and exact description of the same.

10 The present invention relates to metal capsules, which serve as closure for bottles and the like and are opened by pulling off. The capsule is made in such way that it will certainly be torn off on a sloping or spiral

15 line. For this purpose, the capsule is provided with a tongue, one part of which constitutes a continuation of the lowermost edge of the capsule, while the other part of the tongue is disposed at an angle to the said

20 lowermost edge of the capsule or to an incision, cut, or the like, therein. This assures that the capsule will be torn on the line of rupture defined by said incision, and requires considerably less power than for the

25 hitherto-known capsules with two lines of rupture, and opening can take place easily and quickly.

Referring to the accompanying drawing which shows, in side view, a capsule embody-

30 ing this invention, *a* indicates the tongue referred to, and which terminates, at one side, as a continuation of the lowermost edge of the capsule and, at the other edge, terminates at and constitutes part of the inci-

35 sion *b*.

By making the capsule as mentioned above, weakening of the material by perforation as well as having regard to the direction of the fibers of the material are avoided, and consequently there is less re-

40 striction in the choice of the material.

The new capsule can be employed for ordinary bottles, whereas the hitherto-known capsules usually depend, for their efficiency,

45 on special shapes of the bottle-head.

Having thus described my invention and what I claim, what I desire to secure by Letters Patent of United States, is:

A capsule for bottles and similar receptacles composed of readily rupturable but im-

50 perforate material and comprising a depending flange adapted to engage the neck of the receptacle, said flange having a finger piece projecting therefrom and a single di-

55 agonal notch or slit at one side of said finger piece so arranged that a continuous pull upon the finger piece will first tear the capsule along a single line across its body and finally remove the capsule bodily from the

60 receptacle.

In testimony whereof, I have signed my name to this specification in the presence of two subscribing witnesses.

CHRISTIAN WILLIAM VILHELM MESSERSCHMIDT.

Witnesses:

FLEISCHER,  
H. STUB.