

G. WEST.

STOPPER FOR BOTTLES OR OTHER VESSELS.

APPLICATION FILED NOV. 2, 1904.

Fig:1.

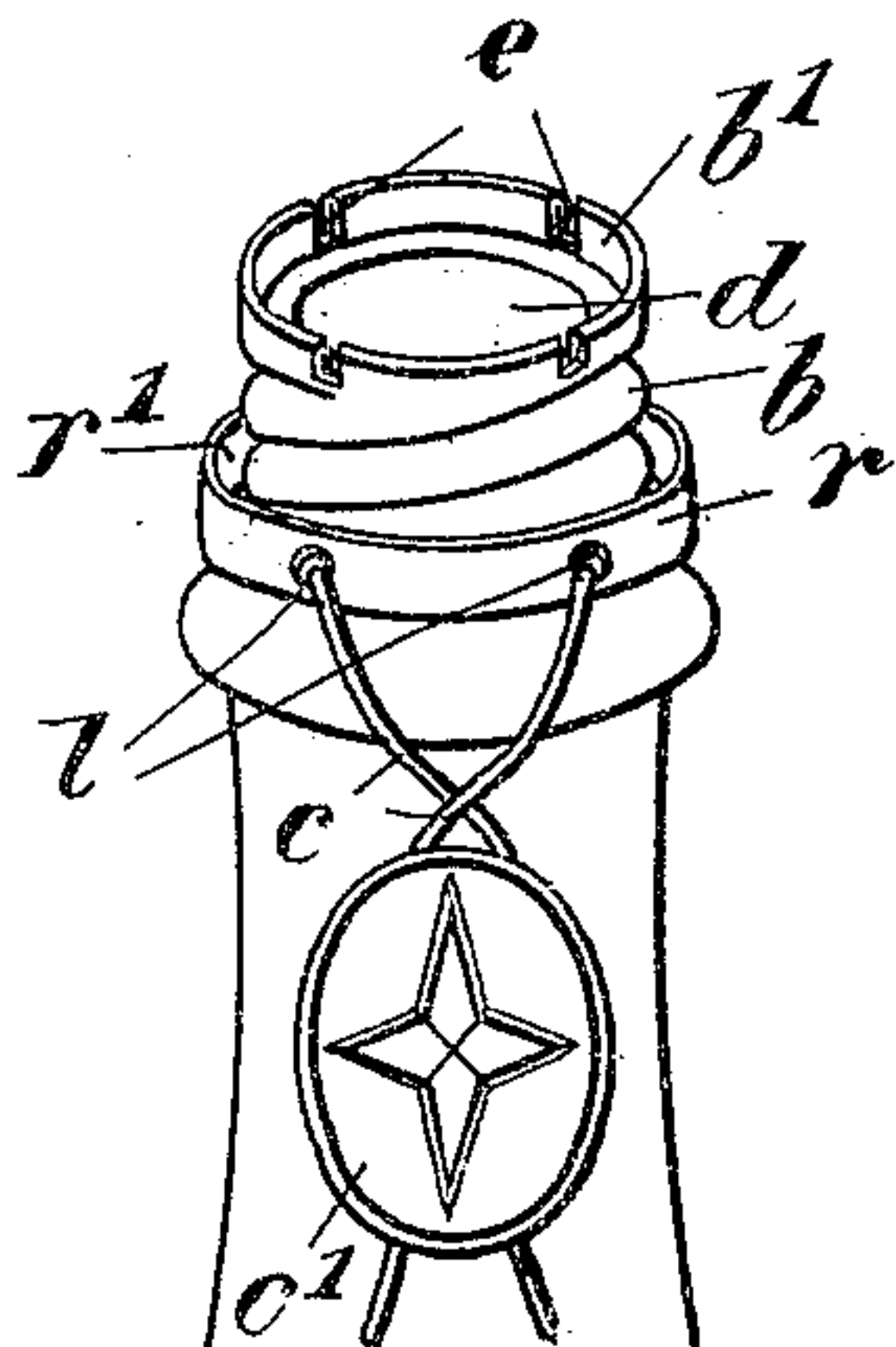


Fig:3.

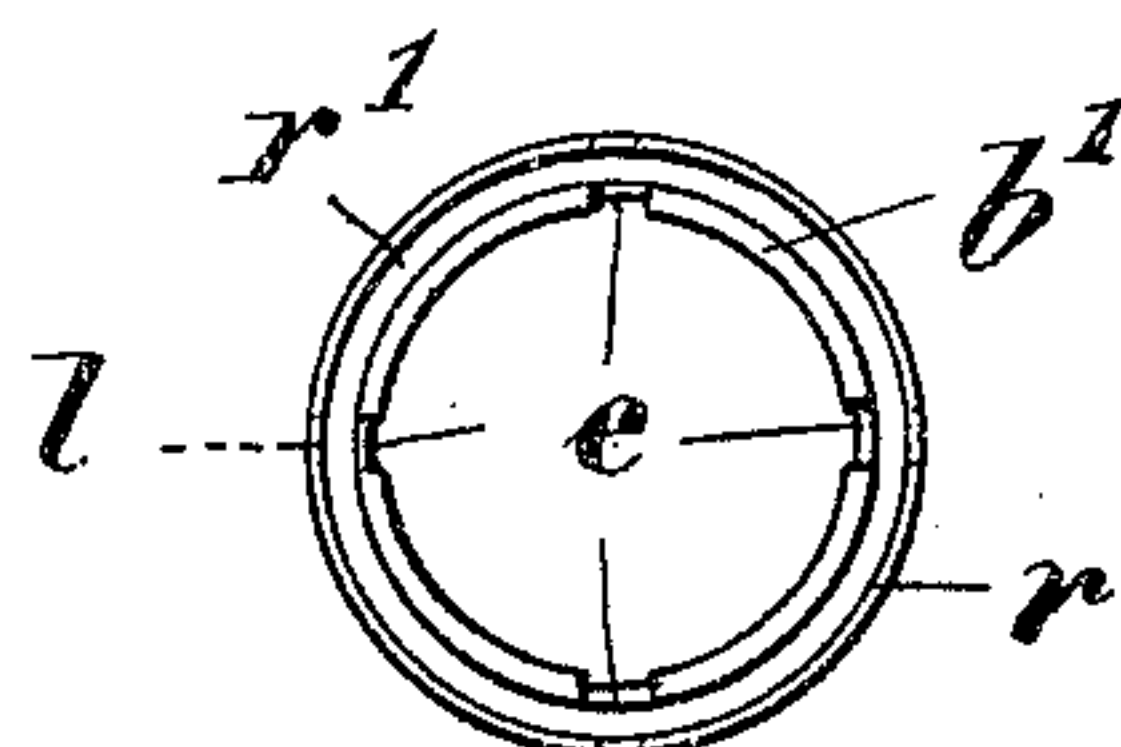


Fig:2.

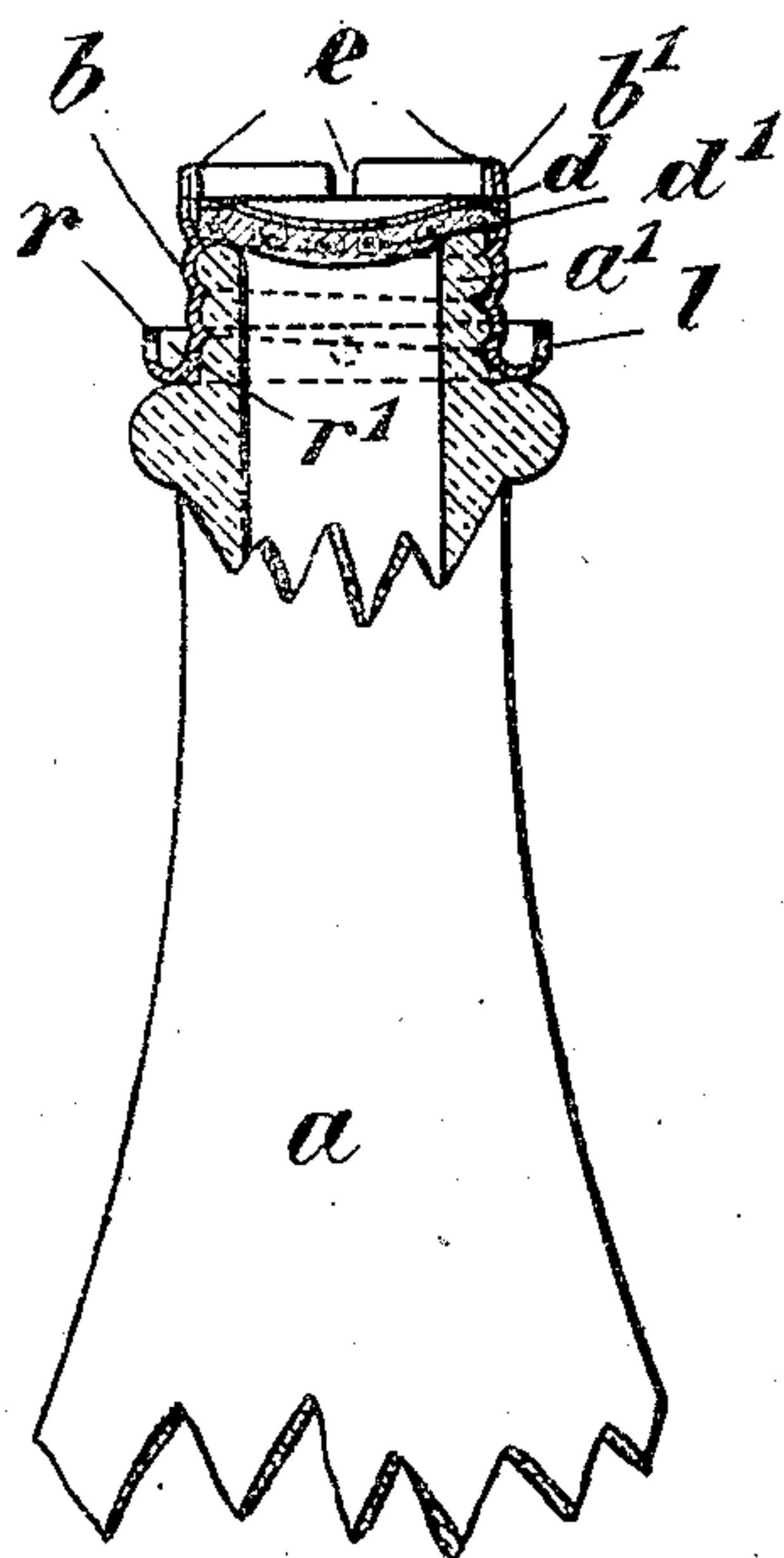
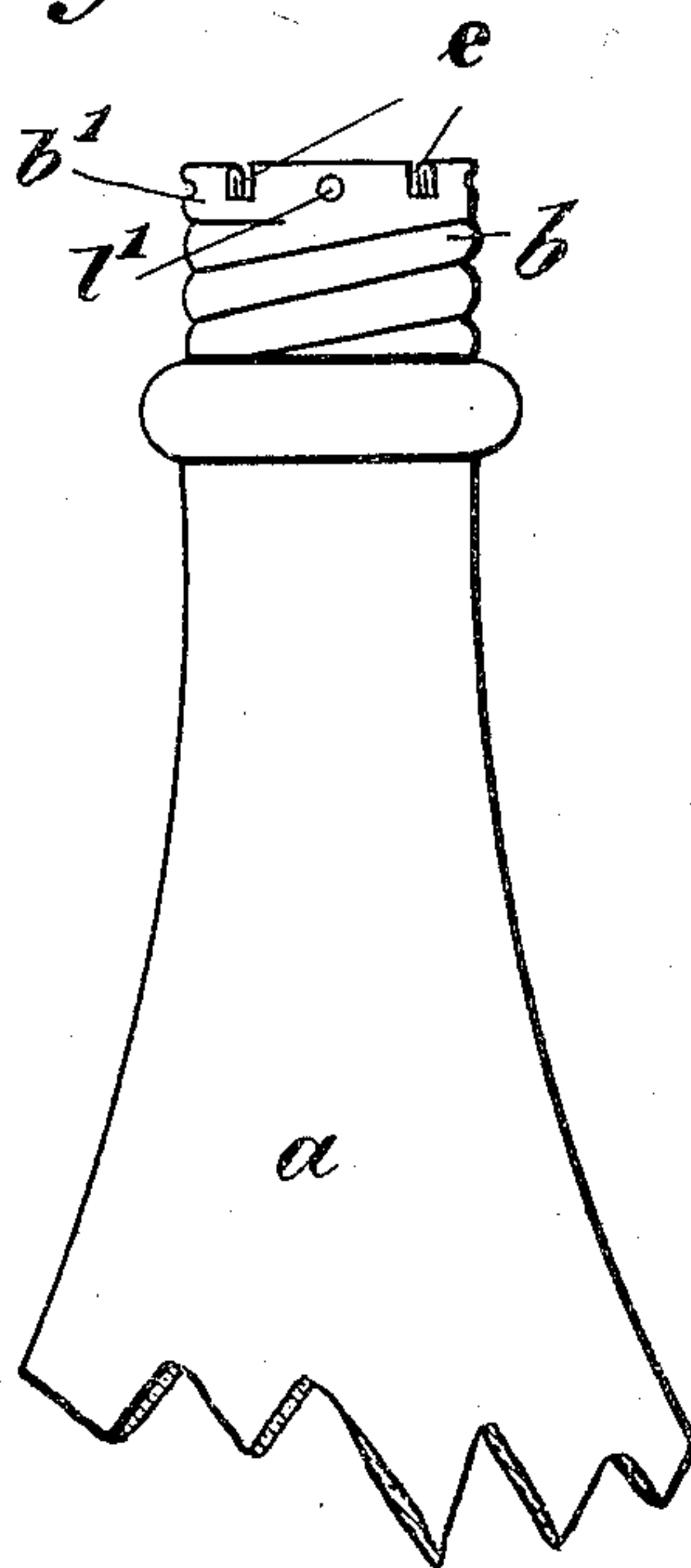


Fig:4.



Witnesses:
Arthur Zumppe.
William Schütz.

Inventor:
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by J. A. P. Priesen Atty

UNITED STATES PATENT OFFICE.

GEORG WEST, OF GODESBERG, GERMANY.

STOPPER FOR BOTTLES OR OTHER VESSELS.

SPECIFICATION forming part of Letters Patent No. 791,061, dated May 30, 1905.

Application filed November 2, 1904. Serial No. 231,046.

To all whom it may concern:

Be it known that I, GEORG WEST, a subject of the German Emperor, and a resident of Godesberg-on-the-Rhine, Germany, have invented certain new and useful Improvements in Stoppers for Bottles or other Vessels, of which the following is a specification.

This invention relates to a stopper for bottles and other vessels which will effect a tight closing and may be readily removed by means of a simple tool, such as a knife or nail.

In the accompanying drawings, Figure 1 is a perspective view of a bottle provided with my improved stopper. Fig. 2 is a vertical section through the upper part thereof; Fig. 3, a plan view of the cap, and Fig. 4 a side view of a modification of the stopper.

The letter *a* represents a bottle or other receptacle having a threaded head *a'*. This head is engaged by a threaded cylindrical cap *b*, which may be screwed to the bottle or unscrewed therefrom in the usual way. The cap *b* surrounds a countersunk disk *d*, which is seated upon the mouth of the bottle and serves to close the same. In order to hold the disk in position, the upper edge of cap *b* is doubled or turned inward and downward to form a flange *b'*, the lower edge of which constitutes a shoulder or abutment for the

disk. The flange *b'* is provided with a series of notches *e*, which are adapted for the insertion of a knife-blade or other tool, by means of which the cap may be readily rotated.

If desired, a cork filament or packing *d'* may be interposed between the disk *d* and the bottle. So, also, may the disk be made integral with the cap.

The lower end of cap *b* is turned outward and upward to form a foot or flange *r*, which is separated from the main body of the cap by an intervening annular groove *r'*. The flange *r* is provided with a number of perforations *l*, adapted for the introduction of a pin or nail, by which the cap may also be rotated. The perforations *l* may also be utilized for the reception of a wire *c*, carrying a seal or tag *c'*.

In Fig. 4 the foot *r* is omitted, and perforations *l'* are formed in the flange *b'*.

What I claim is—

A stopper for bottles and other vessels provided with a cylindrical cap having at its lower end an upwardly-extending perforated flange, substantially as specified.

GEORG WEST.

Witnesses:

WILLIAM KUEPPERS,
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