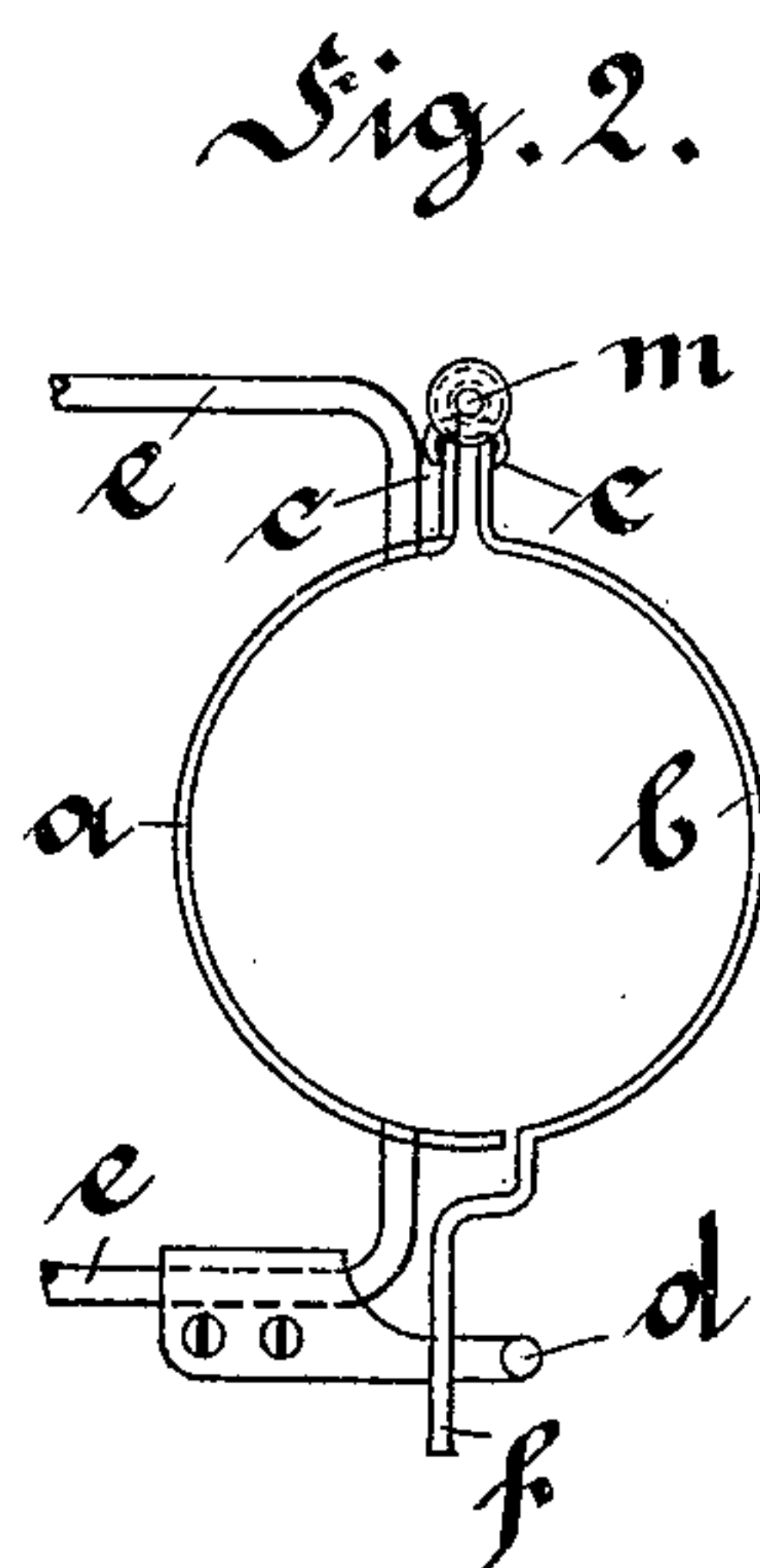
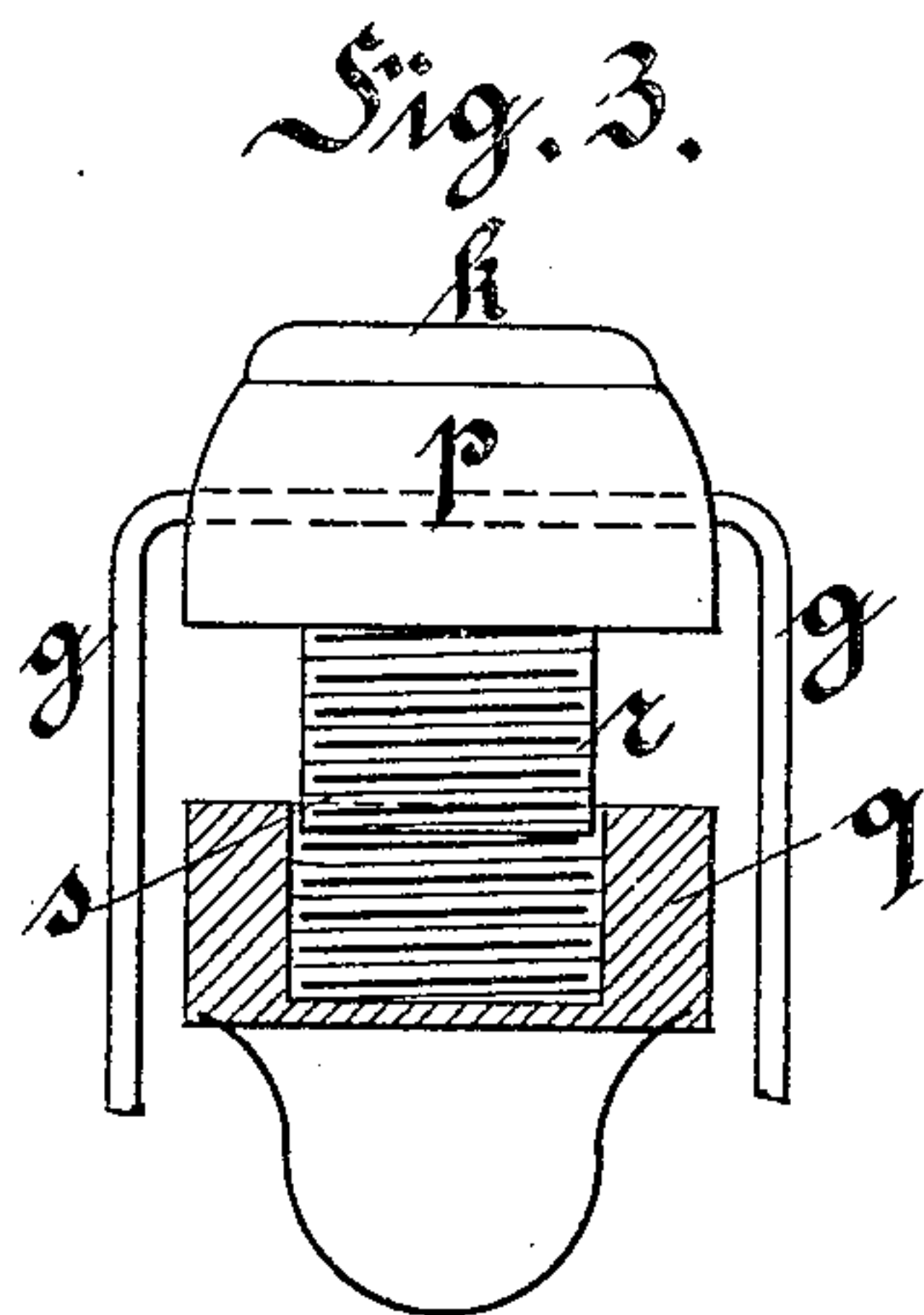
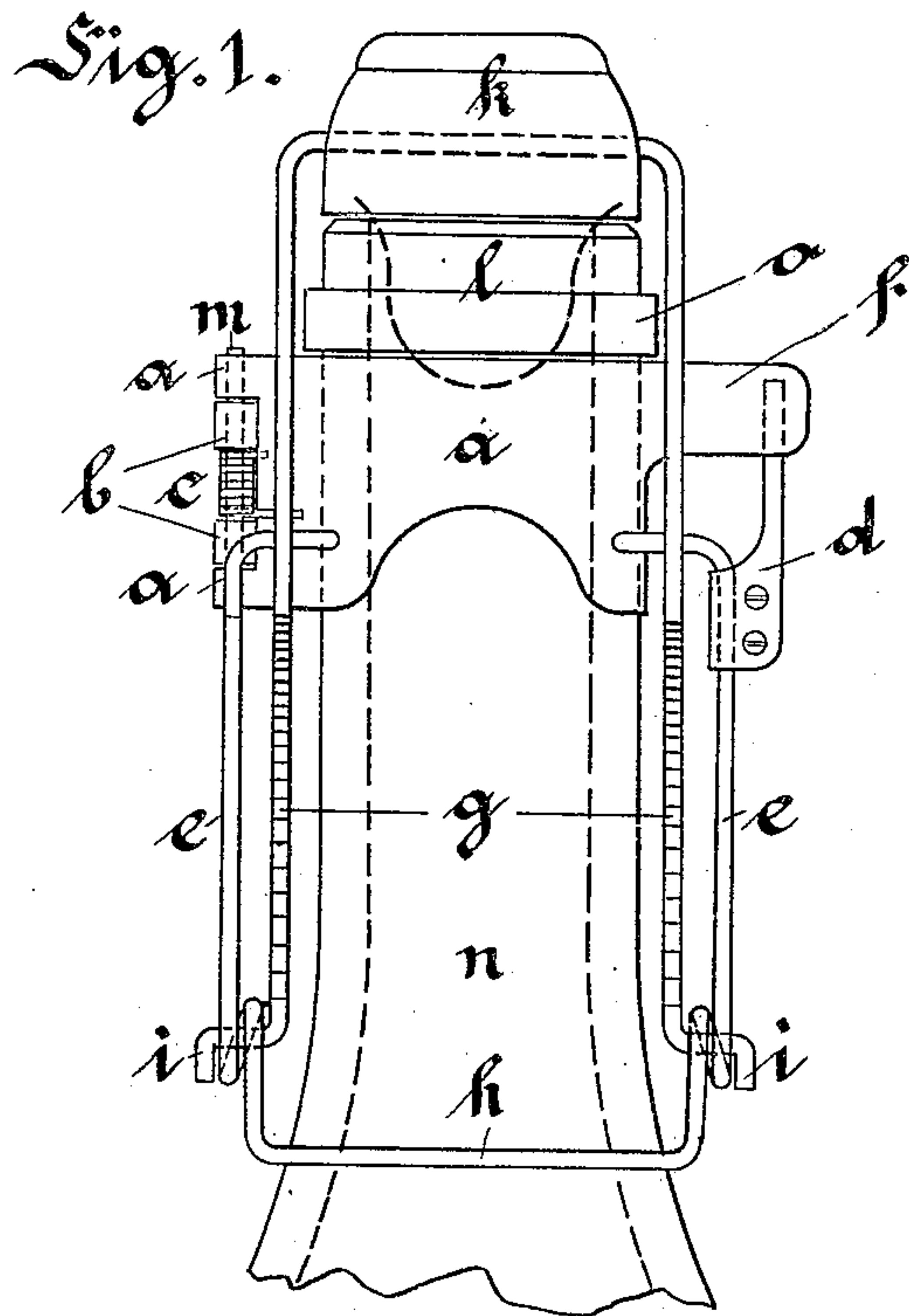


G. WALDMANN.  
CLOSURE FOR BOTTLES.  
APPLICATION FILED DEC. 30, 1907.

920,794.

Patented May 4, 1909.



Witnesses:  
J. H. R. Stearns,  
Nettie E. Smith

Inventor:  
Georg Waldmann,  
by T. M. M. Milane  
Att'ys.

# UNITED STATES PATENT OFFICE.

GEORG WALDMANN, OF GEESTEMÜNDE, GERMANY.

## CLOSURE FOR BOTTLES.

No. 920,794.

Specification of Letters Patent.

Patented May 4, 1909.

Application filed December 30, 1907. Serial No. 408,652.

*To all whom it may concern:*

Be it known that I, GEORG WALDMANN, a subject of the German Emperor, and residing at Geestemünde, Germany, have invented certain new and useful Improvements in Closures for Bottles, of which the following is a specification.

The subject-matter of the present invention is a closure for bottles which is constructed by itself independently of the bottle in order to be able to employ the same for bottles having necks of different sizes which have no closures, and also for fractured bottles.

The closure is formed as a so-called lever-closure, and differs principally from known closures by its possessing a resilient divided ring which can be closed by the parts of the lever-closure; this ring is normally situated near the top of the neck of the bottle and holds the entire closure on the bottle.

In order that the invention may be clearly understood reference is made to the accompanying drawing in which one embodiment is represented by way of example, and in which:

Figure 1 is a front elevation of the entire closure on the neck of a bottle; Fig. 2 is a plan of the ring for grasping the neck of the bottle, and Fig. 3 is a modified form of the cork or head of the closure.

The ring for the neck of the bottle consists of two bent parts *a* and *b* revoluble around the pin *m* and able to be closed together against the action of the spring *c*. The part *b* has a nose *f*. Revolubly connected with the part *a* there is the usual lever *e*, *h*, into the loops of which the bent holders *g* of the head *k* engage; the latter has a tightening cone *l* or the like with which it engages in the neck *n* of the bottle. When the bottle is to be closed, the parts *a* and *b* are first placed around its neck below the collar *o* of the neck, the lever *e*, *h*, which at first is almost horizon-

tal, is then placed with its nose *d* against the nose *f* of the part *b*, in order to secure the latter, and the part *h* is then pressed down when the cork or head *k* is brought into the closed position with its cone *l* in the neck of the bottle.

In order to make the closure usable for as many different sizes of bottles as possible, it is preferable to arrange the head *k* adjustable in length, for example by dividing the same into an upper part *p* and a lower part *q* connected together by a screw *r* screwed into the threads *s* in the lower part. Intermediate pieces may be placed around screw *r* between the parts *p* and *q* for keeping the head the desired length.

What I claim as my invention and desire to secure by Letters Patent is:—

1. A detachable closure for bottles comprising a lever-closure provided with a nose attached thereto, a ring comprising two parts pivoted together, one of the parts of said ring being revolubly attached to the lever of said lever-closure, and the other part of said ring having a nose, the arrangement being such that the latter part of the ring can be secured in its closed position by said former nose.

2. A detachable closure for bottles comprising a lever-closure provided with a nose attached thereto, a ring comprising two spring-pressed parts pivoted together, one of the parts of said ring being revolubly attached to the lever of said lever-closure and the other part of said ring having a nose and being adapted to be secured in its closed position by said former nose.

In testimony whereof I affix my signature in the presence of two witnesses.

GEORG WALDMANN.

Witnesses:

J. WILHELM,  
A. FISCHER.