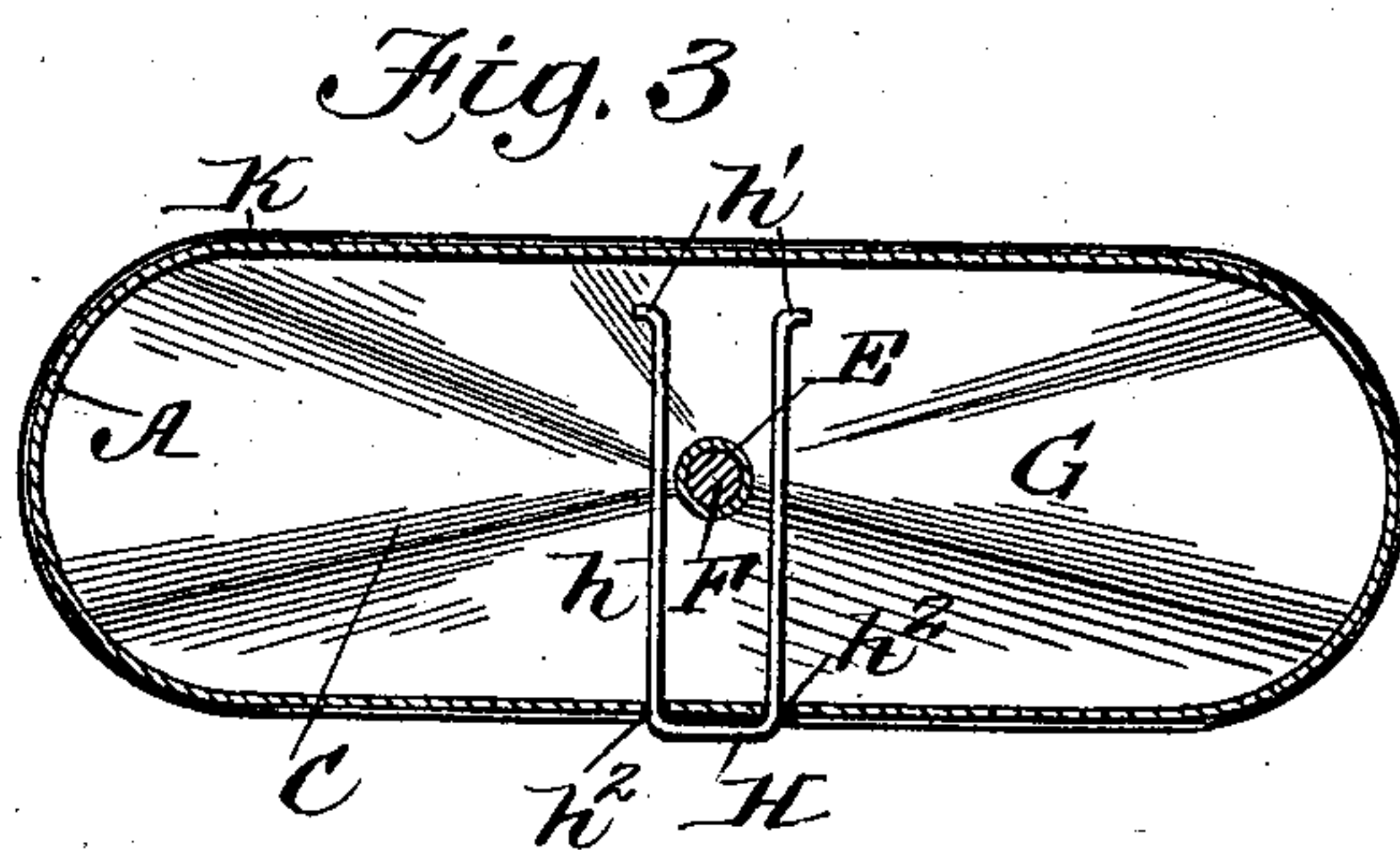
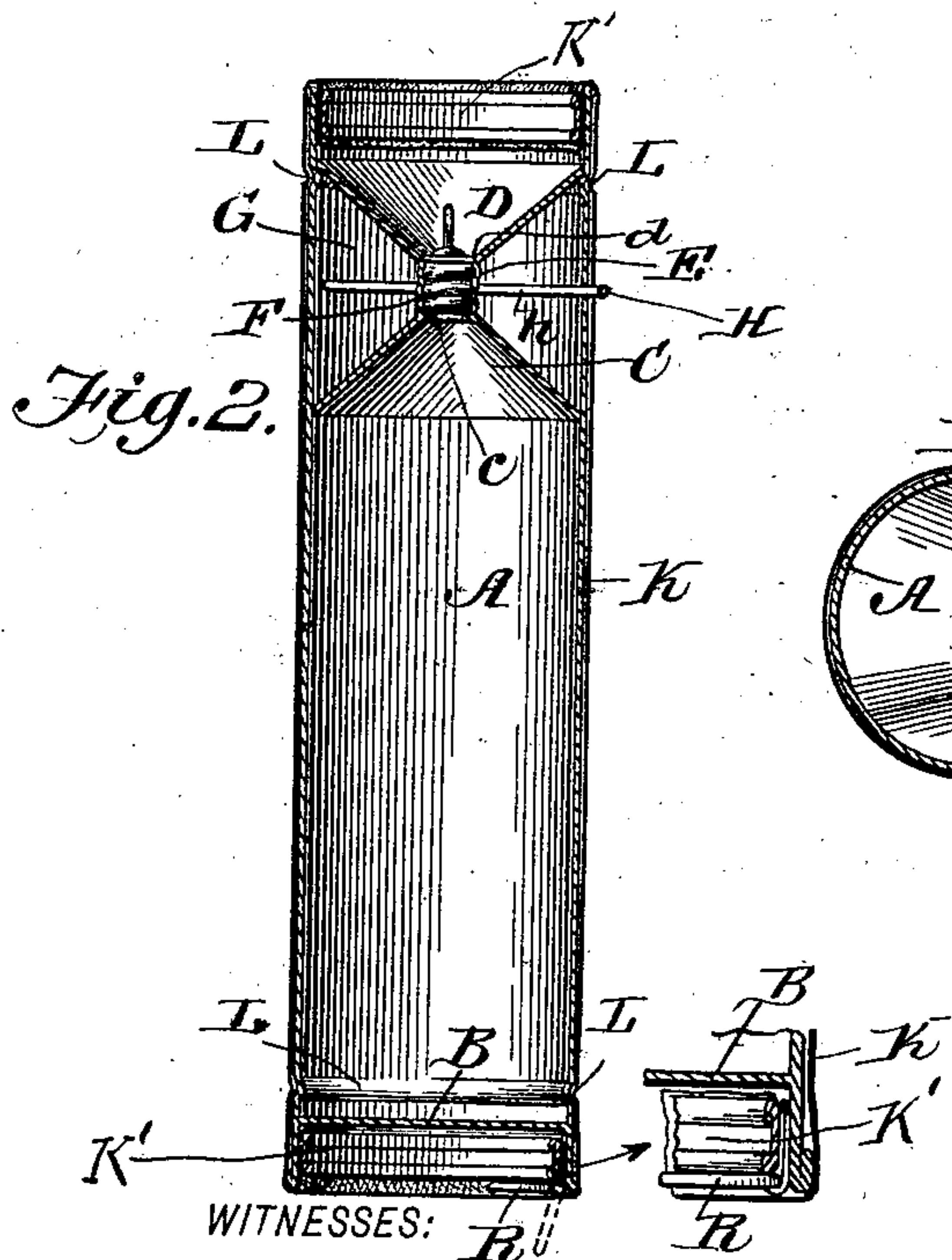
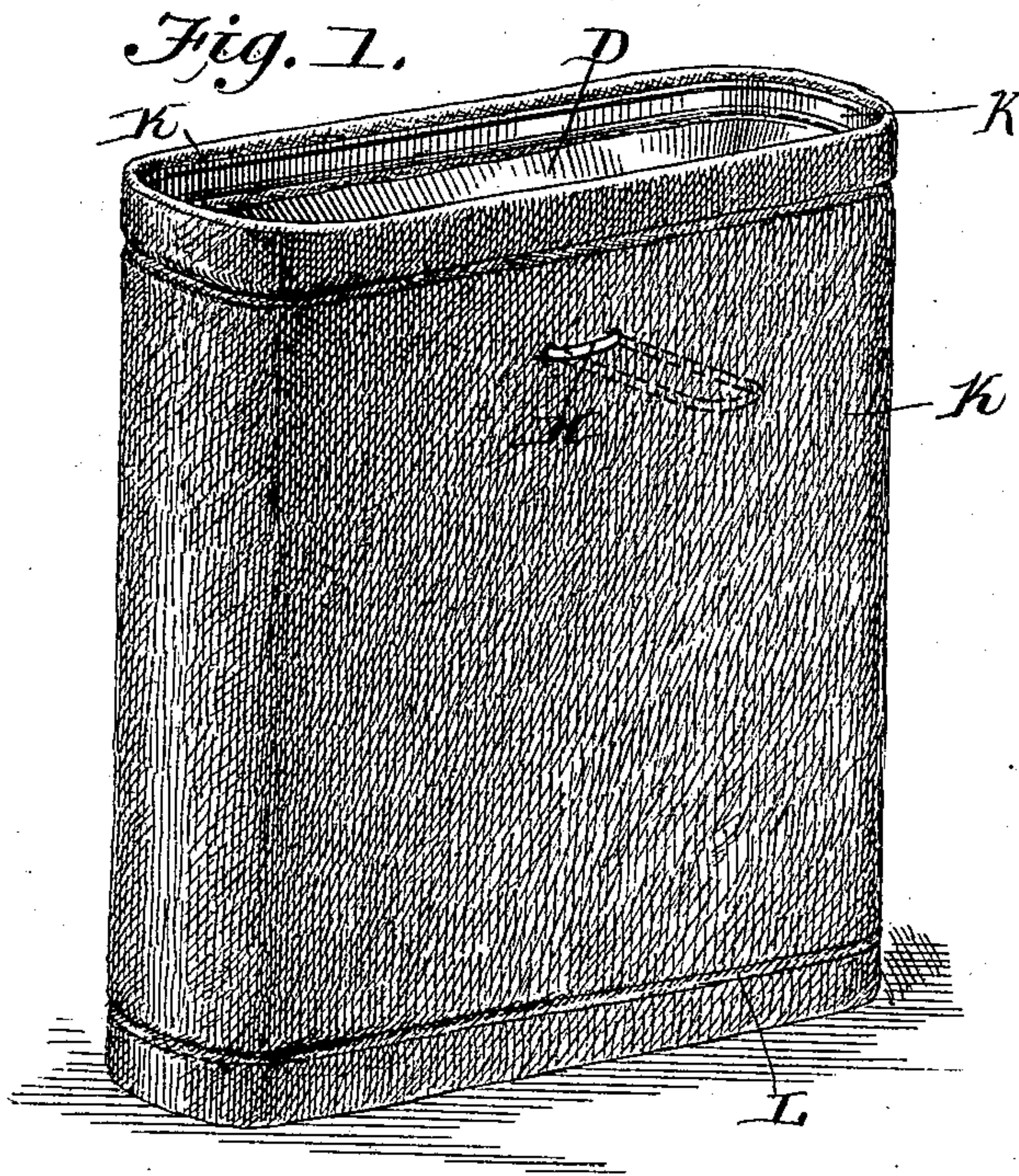


(No Model.)

W. H. WELCH.
WATER BANDAGE.

No. 557,244.

Patented Mar. 31, 1896.



WITNESSES:
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UNITED STATES PATENT OFFICE.

WILLIAM H. WELCH, OF ANDOVER, MASSACHUSETTS.

WATER-BANDAGE.

SPECIFICATION forming part of Letters Patent No. 557,244, dated March 31, 1896.

Application filed May 10, 1895. Serial No. 548,817. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. WELCH, of Andover, in the county of Essex, State of Massachusetts, have invented an Improved Hot-Water Device, of which the following is a specification.

This invention is an improved metallic hot-water bag or holder.

The object of the invention is to provide a hot-water bag or holder which shall be more durable than the rubber water-bags now in operation.

Another object is to provide a water bag or holder which can be easily filled or emptied and one that will draw off all the water contained therein.

With these objects in view my invention consists in the peculiar construction of the various parts, and their novel combination or arrangement, all of which will be fully described, and pointed out in the claim.

In the drawings, Figure 1 is a perspective view of my improved water bag or holder. Fig. 2 is a longitudinal sectional view, and Fig. 3 is a detail view of the same.

In carrying out my invention I employ a metallic case or holder A to receive the water, which case may be oval, cylindrical, or square in cross-section. This case or holder A has a bottom B arranged some distance above the lower edge of the case, and near the upper end of said case is arranged a partition C, essentially conical in shape and having an opening *c* at the apex.

A short distance above the partition C is another partition D, essentially funnel-shaped, and at its contracted end is formed with an opening *d*. Within the openings *c* and *d* is the threaded tubular connection E, into which fits a screw-plug F. The distance between the partitions C and D is considerable, thus providing an air-chamber G. The partition D is arranged some distance below the top of the case, so that water can be poured readily into the holder, said partition acting as a funnel to direct the water into the holder.

In emptying the holder the partition C acts as a funnel and therefore drains all the water from the holder.

A handle H is attached to the holder at a point between the partition C and D, said handle comprising the bail-prop *h* and locking-pieces *h'*, said handle passing through perforations *h*² made in the side of case, and when not in use can be pushed into the space G. A ring R is attached to the lower end of case, by means of which the same can be suspended when not in use.

This hot-water holder is particularly adapted for use in warming the feet, and I prefer to cover the same with a cloth or fibrous substance K, so that the feet will not come into direct contact with the hot metal, and, if desired, I may make the case with a crimp or corrugation L near each end to prevent any longitudinal movement of the cloth covering.

In practice I prefer to attach the cloth cover to the holder by turning the ends of said cloth inward at each end and holding the same therein by means of rings or bands K', forced in at each end of the holder, as shown most clearly in Figs. 1 and 2.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

In a hot-water holder, the combination, with a metallic holder or case, A, of the conical partition C, having an opening *c*, therein, the funnel-shaped partition D, having an opening *d* therein, a threaded tubular connection E, the screw-plug F, and the handle H attached to the case between the outer edges of the partitions C and D, said handle being adapted to be slid inwardly between such partitions when not in use, substantially as shown and described.

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

WILLIAM H. WELCH.

Witnesses:

WILLIAM ODLIN,
JOSEPH M. BRADLEY.