

No. 828,053.

PATENTED AUG. 7, 1906.

G. A. QUIMBY.
BOTTLE LOCK.

APPLICATION FILED MAR. 9, 1906.

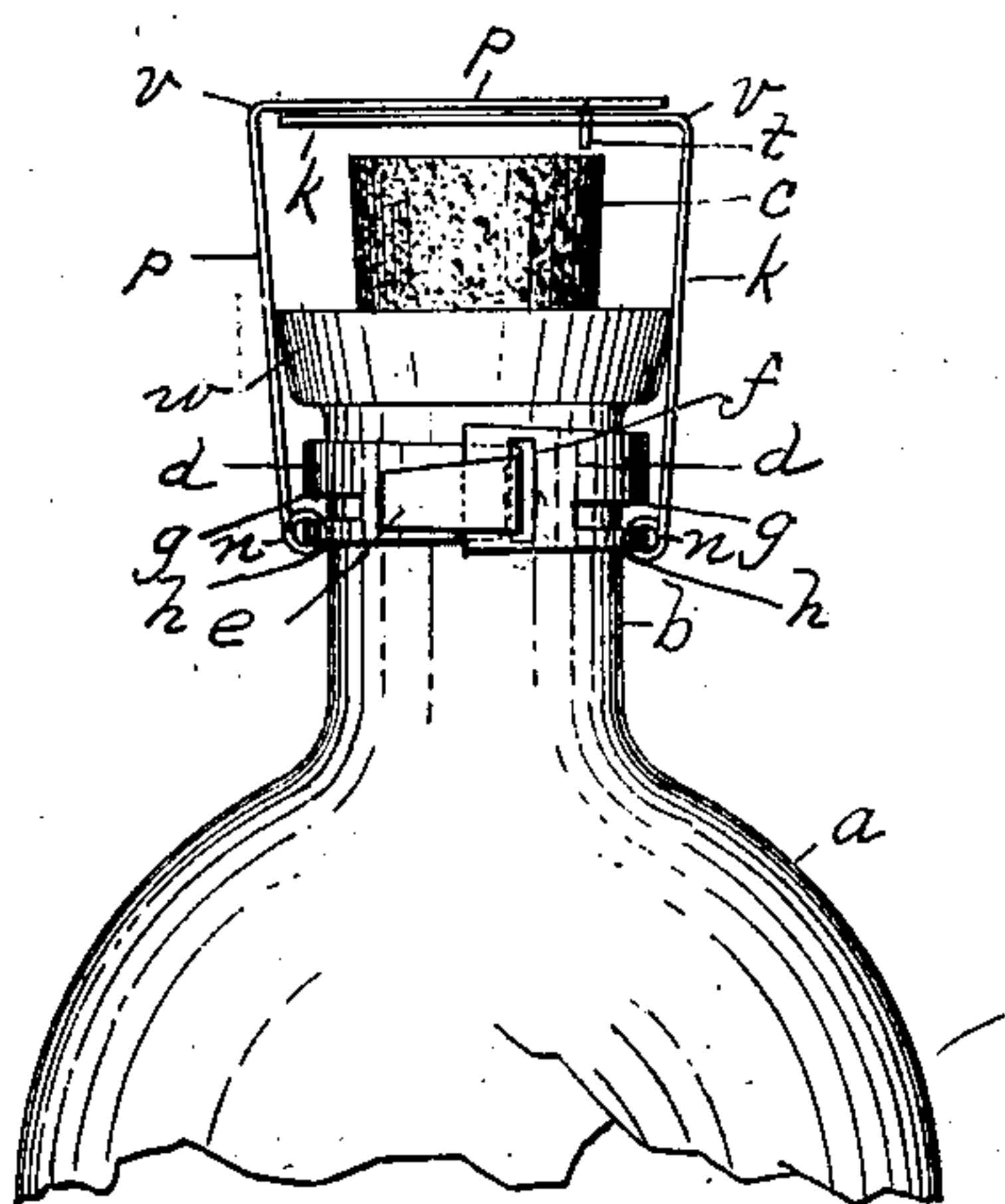


Fig. 1.

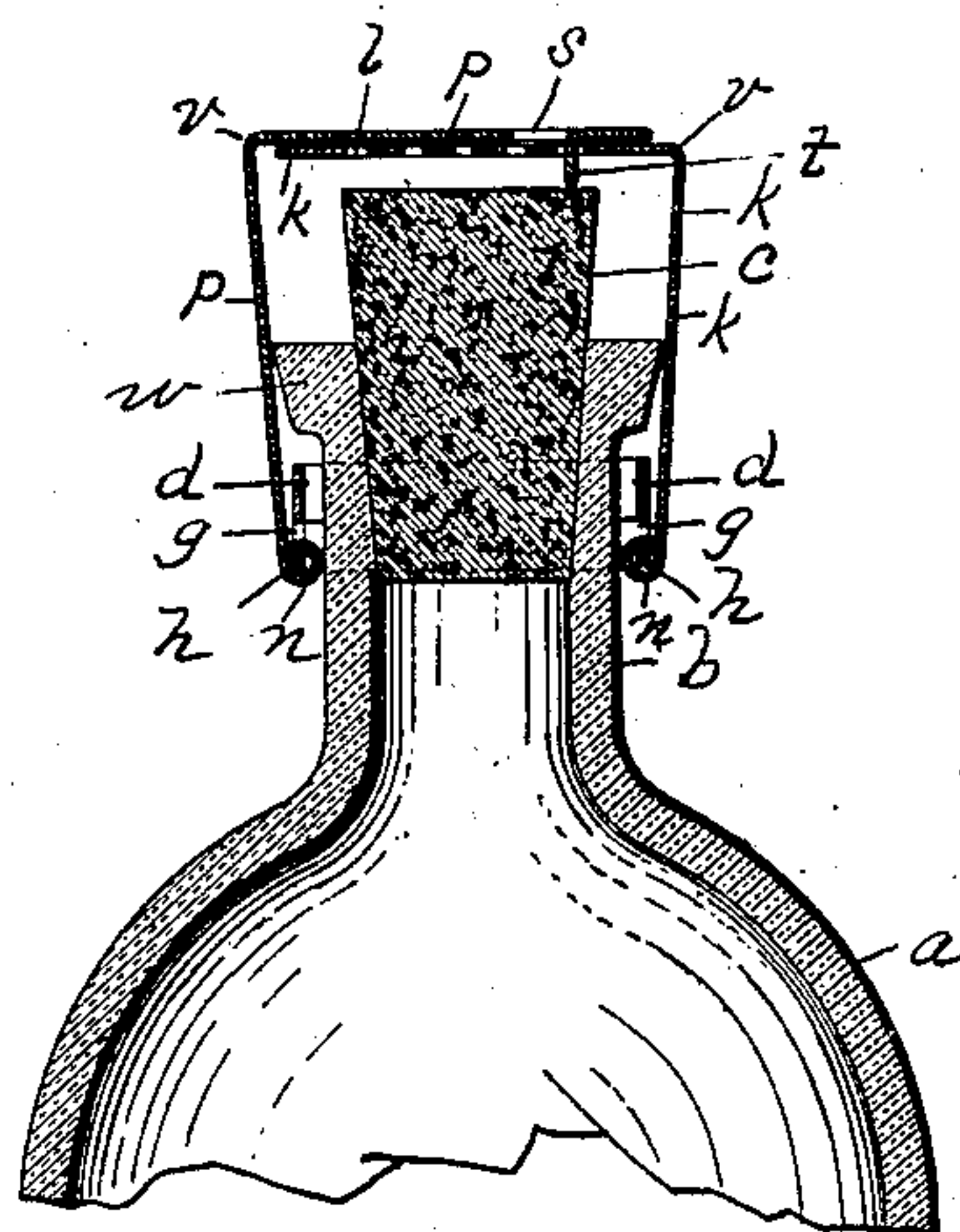


Fig. 2.

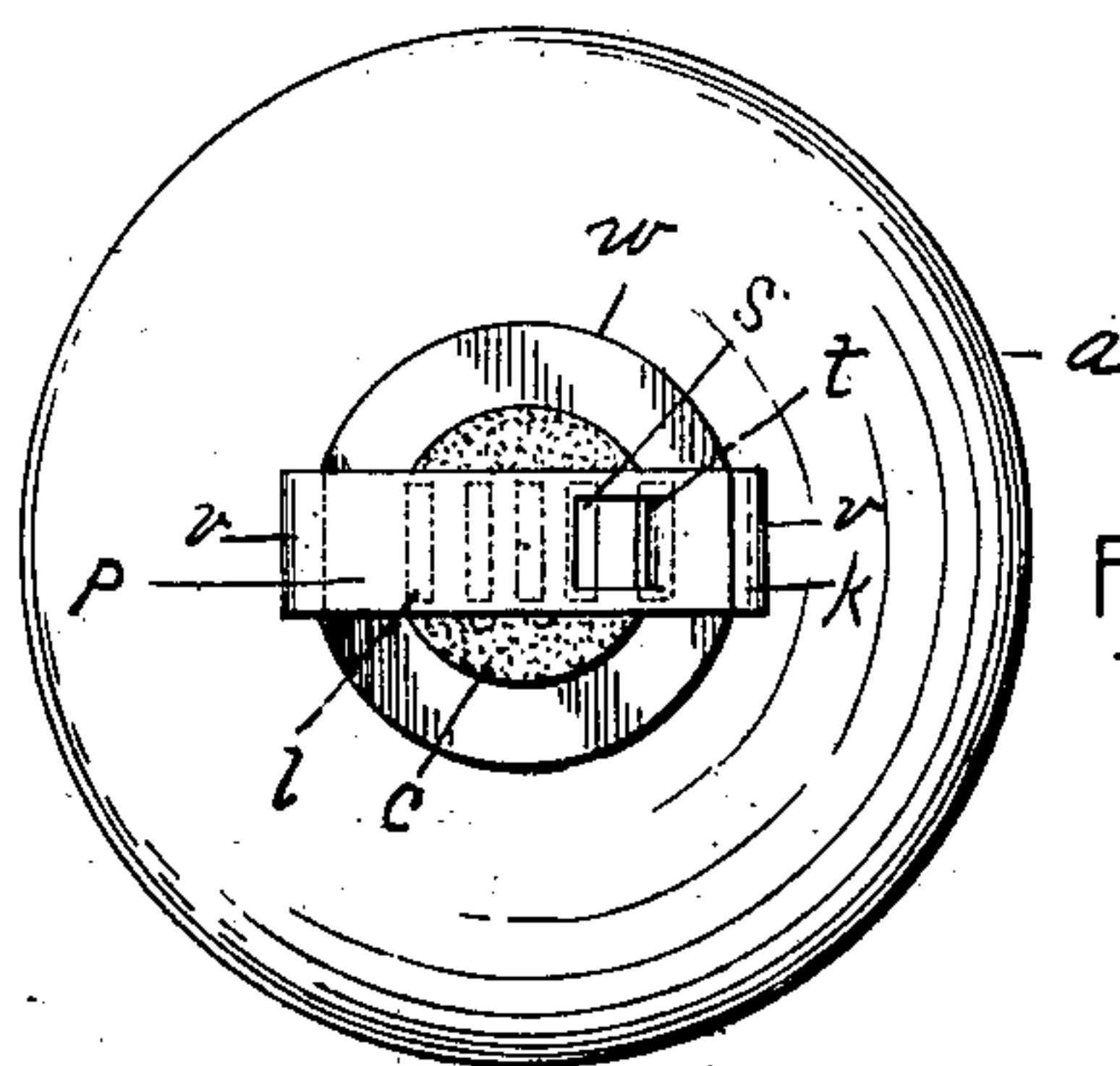


Fig. 3.

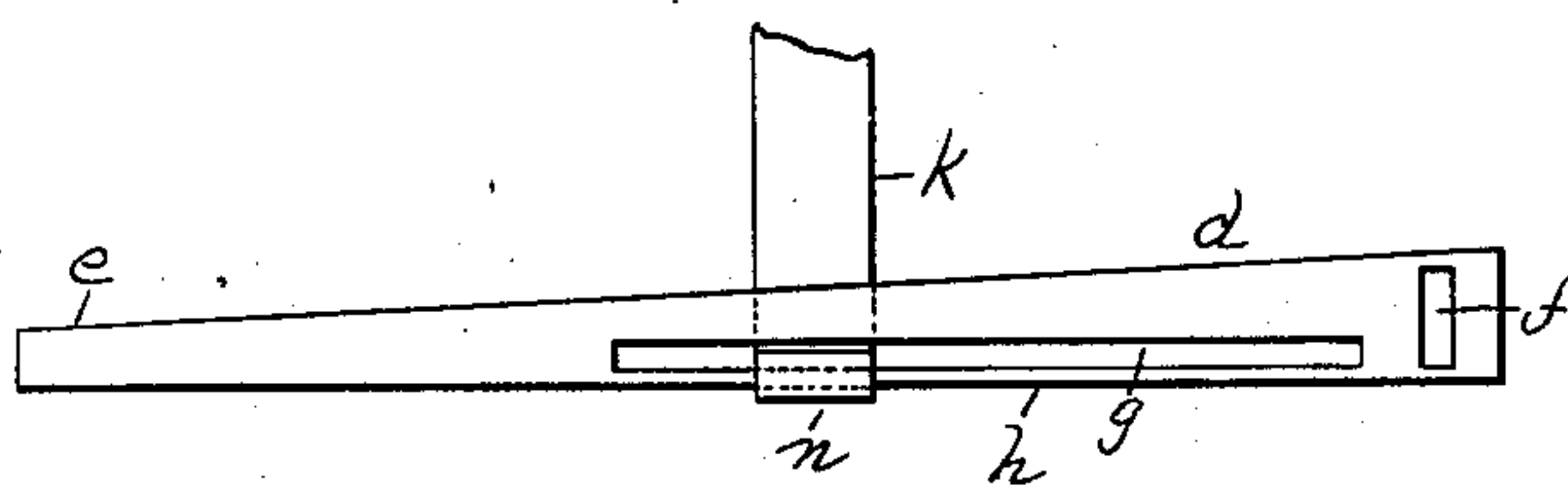


Fig. 4.

WITNESSES:

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UNITED STATES PATENT OFFICE.

GEORGE A. QUIMBY, OF LACONIA, NEW HAMPSHIRE.

BOTTLE-LOCK.

No. 828,053.

Specification of Letters Patent.

Patented Aug. 7, 1906.

Application filed March 9, 1906. Serial No. 305,019.

To all whom it may concern:

Be it known that I, GEORGE A. QUIMBY, a citizen of the United States, residing in Laconia, in the county of Belknap and State of New Hampshire, have invented a new and Improved Bottle-Lock, of which the following is a specification.

This is a device or contrivance which is adapted to be applied to the neck of a bottle, encircling the neck and being adjustable to necks of different sizes or diameters and provided with locking-arms which extend up over the stopple or cork and interlock above it, said arms being adjustable with relation to each other in order to accommodate bottles of different sizes and heights.

The device is made of a flexible material, metallic or otherwise, which will not be easily broken by bending—such as brass, for example—whereby it can be easily bent into shape to encircle the neck and be locked in position, and it is particularly useful when applied to bottles containing poisonous materials, drugs, or compounds, thus preventing inadvertent or accidental opening of such bottles.

The nature of the invention is fully described below and illustrated in the accompanying drawings, in which—

Figure 1 is an elevation of my device in a locked position on a bottle. Fig. 2 is a central vertical section of the same. Fig. 3 is a plan view of the same. Fig. 4 is a view of the strap laid flat and a portion of one of the arms.

Similar letters of reference indicate corresponding parts.

a represents the body, *b* the neck, and *c* the stopple or cork of an ordinary bottle.

d represents a strap of flexible material, preferably broader at one end, the opposite end *e* being adapted to be used as a tongue and being narrow enough to be inserted in a transverse slot *f* in the broad end of the strap. The strap is furthermore provided with a long longitudinal slot *g* near its lower edge, said slot being separated from such edge by the narrow portion *h* of said strap.

k and *p* are locking-arms whose lower ends are looped at *n* to encircle the portion *h*, which operates as a pintle whereby the arms

are hinged to the strap and extend upward therefrom outside the strap, the slot *g* being long enough to allow the arms to extend up on opposite sides of any ordinary bottle-neck to which the device is applicable. The outer end of the arm *k* is provided with a series of transverse slots *l*, and the outer end of the arm *p* is cut out at *s* in order to provide an engaging finger *t* of the shape of said slot *s*, which is bent downward into one of the slots *l*.

To apply the device, the strap *d* is bent around the neck of the bottle and its narrower end *e* thrust from the rear through the slot *f* and bent back, as shown in Fig. 1, to hold the strap in position on the neck. The arms *p* and *k* are swung up into nearly vertical positions, bent inward at *v*, and the engaging finger *t* thrust down through one of the slots or holes *l*.

It will readily be seen that by making the slot *g* of sufficient length and providing a sufficient number of holes or slots *l* the device can be rendered applicable to bottles differing considerably in size.

By making the device of suitable flexible material the bend *v* may be made at any desirable point and also the bend produced by folding back the tongue *e* without danger of breaking or injuring the locking contrivance.

By applying this lock to a bottle containing poison the character of the bottle is rendered apparent to any one, and by folding the strap closely around the neck, so that it cannot slip over the rim or mouth *w* of said neck, the device cannot be removed without unlocking the arms.

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

1. In a bottle-lock, a strap provided with a longitudinal slot near one edge and adapted to be secured around the neck of a bottle; and arms pivotally connected at their lower ends to the strap by means of said longitudinal slot and adapted to be swung up on opposite sides of the stopple and to be secured together above the stopple, for the purpose set forth.

2. In a bottle-lock, a flexible strap adapted to encircle the neck of a bottle; and flexible arms secured at their lower ends to the

strap and adapted to extend up therefrom
over the stopple, one of said arms being slot-
ted near its end and the other arm being pro-
vided with a downwardly-extending finger
5 adapted to extend into one of said slots, for
the purpose set forth.

In testimony whereof I have signed my

name to this specification in the presence of
two subscribing witnesses.

GEORGE A. QUIMBY.

Witnesses:

GEO. P. MUNSEY,

O. J. GEORGE.