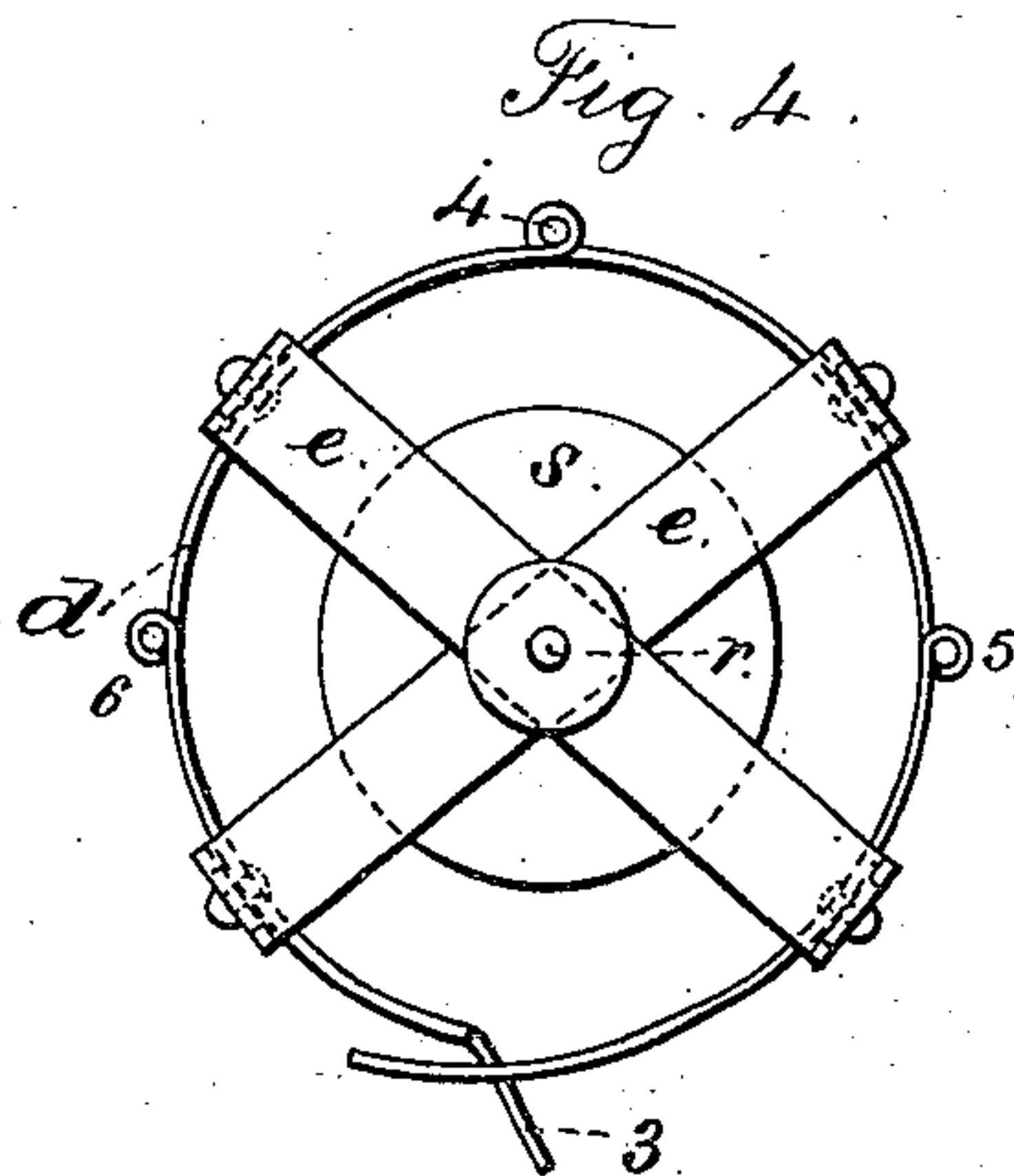
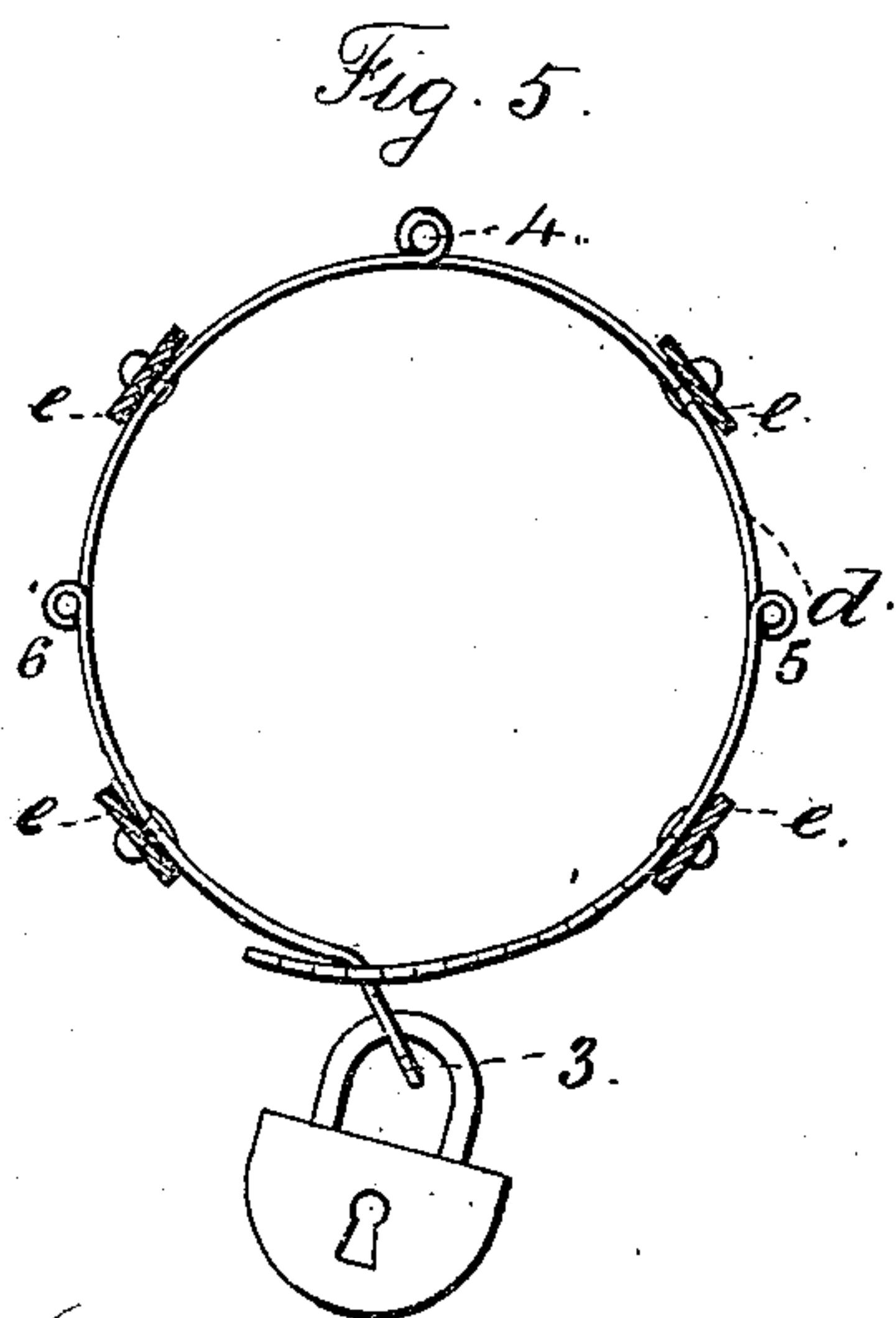
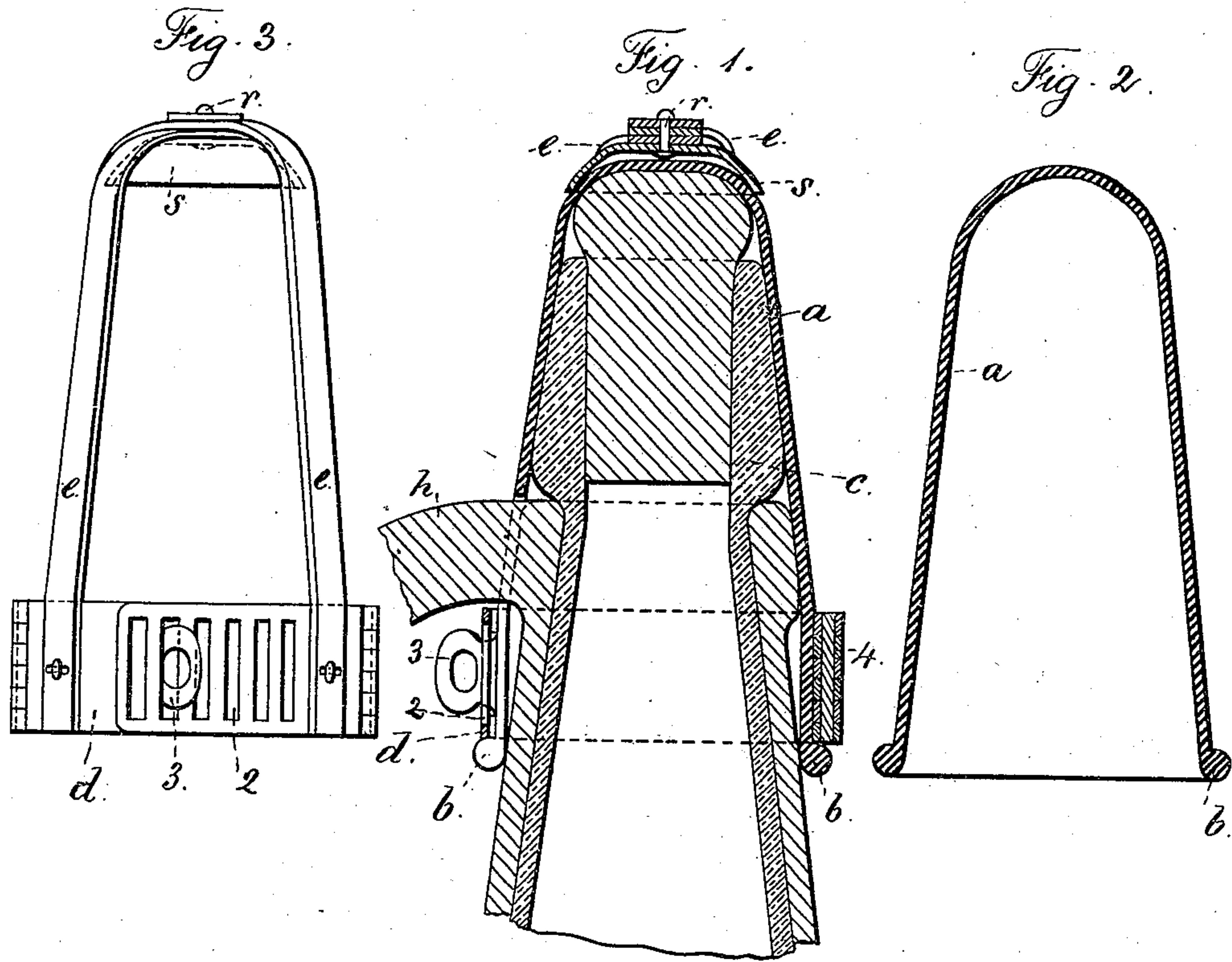


(Model.)

E. P. BRAY.  
BOTTLE LOCKING DEVICE.

No. 267,484.

Patented Nov. 14, 1882.



Witnesses

Chas. H. Smith  
Harold Terrell

Inventor  
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att.

# UNITED STATES PATENT OFFICE.

EDWARD P. BRAY, OF NEW YORK, N. Y.

## BOTTLE-LOCKING DEVICE.

SPECIFICATION forming part of Letters Patent No. 267,484, dated November 14, 1882.

Application filed April 27, 1882. (Model.)

*To all whom it may concern :*

Be it known that I, EDWARD P. BRAY, of the city and State of New York, have invented an Improvement in Bottle-Locking Devices, of which the following is a specification.

Caps of india-rubber have been made for drawing over bottle-corks, and metal caps with collars and straps have been used for locking ordinary corks, so that they could not be opened. I make the rubber cap with a heavy corded edge, so that it will be held in place by a band and lock passing around the neck, and, as an additional security, I provide a peculiar jointed cage that surrounds the bottle neck and stopper and prevents the same being opened, and this is constructed so as to be capable of locking below the wicker handle of a demijohn.

In the drawings, Figure 1 is a vertical section of a demijohn-neck with the bottle-locking appliances. Fig. 2 is the rubber cap in section separately. Fig. 3 is an elevation of the metal band and cage. Fig. 4 is a plan of the same, and Fig. 5 is a sectional plan of the band-lock.

The india-rubber cap *a* is of a size and shape adapted to the bottle with which it is to be used. It has a heavily-corded edge, *b*, that surrounds the neck *c* of the bottle, and the metallic neck-band *d*, locked around the rubber cap, above the heavily-corded edge *b*, effectually prevents the rubber cap being drawn off or the bottle opened until the neck-band is unlocked and removed. This neck-band *d* is made with transverse slots 2, through which the tongue 3 is thrust, and the shackle of a padlock is passed through a hole in this tongue 3 to lock the neck-band to its place. The slots 2 allow the neck-band to be expanded or contracted and locked at the proper size for the bottle-neck. There should be a hinge, 4, in the neck-band to allow it to be opened freely, and I prefer to employ two other hinges at 5 and 6 in the neck-band to allow the same to be more easily opened to place it around a bottle-

neck. The straps *e e* are united with the neck-band by rivets on which they can turn, and the holes in the straps should be slotted, as shown, to allow the parts to move freely. The straps are brought together and secured by a rivet, *r*, at the top, which also attaches the cap-plate *s*, the whole forming a cage for more securely confining the cork or stopper. For demijohns the cage will usually be of a size to allow the neck-band to pass below the handle *h*, as seen in Fig. 1, so as to lock the cage to the handle. In this instance the rubber cap will require to be notched where it passes over the handle. The cage being formed of bands that are capable of turning and sliding upon the rivets by which they are secured together, allows for the cage being sprung open to pass the top of the bottle or the handle. The hinges in the band also allow the parts to be opened easily or closed.

I claim as my invention—

1. The combination, with the rubber cap *a*, having a heavily-corded edge, *b*, of the metallic band *d*, with transverse slots, the tongue 3, and lock, substantially as set forth.

2. The combination, with a neck-band, *d*, with one or more hinges, transverse slots, and tongue, of the straps *e e*, loosely riveted to the neck-band, and the cap *s*, to form an expansible cage adapted to secure the bottle-stopper, substantially as set forth.

3. The combination, with the rubber cap *a*, having a heavily-corded edge, *b*, of the metallic neck-band *d*, with one or more hinges, transverse slots, and a tongue, the straps *e e* and cap *s* forming an expansible cage to secure the cap and bottle-stopper, substantially as set forth.

Signed by me this 31st day of March, A. D. 1882.

E. P. BRAY.

Witnesses:

GEO. T. PINCKNEY,  
WILLIAM G. MOTT.