

No. 746,598.

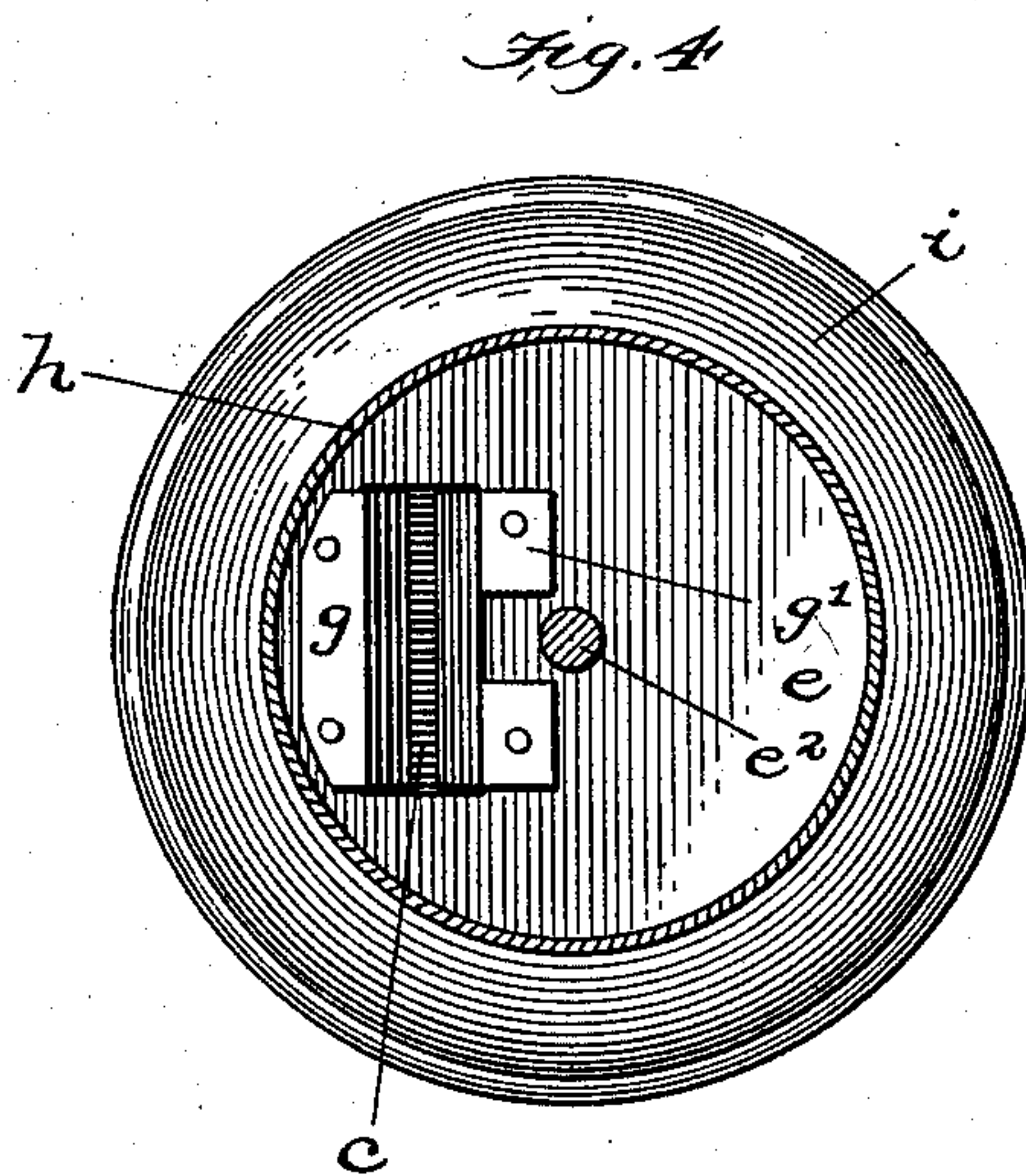
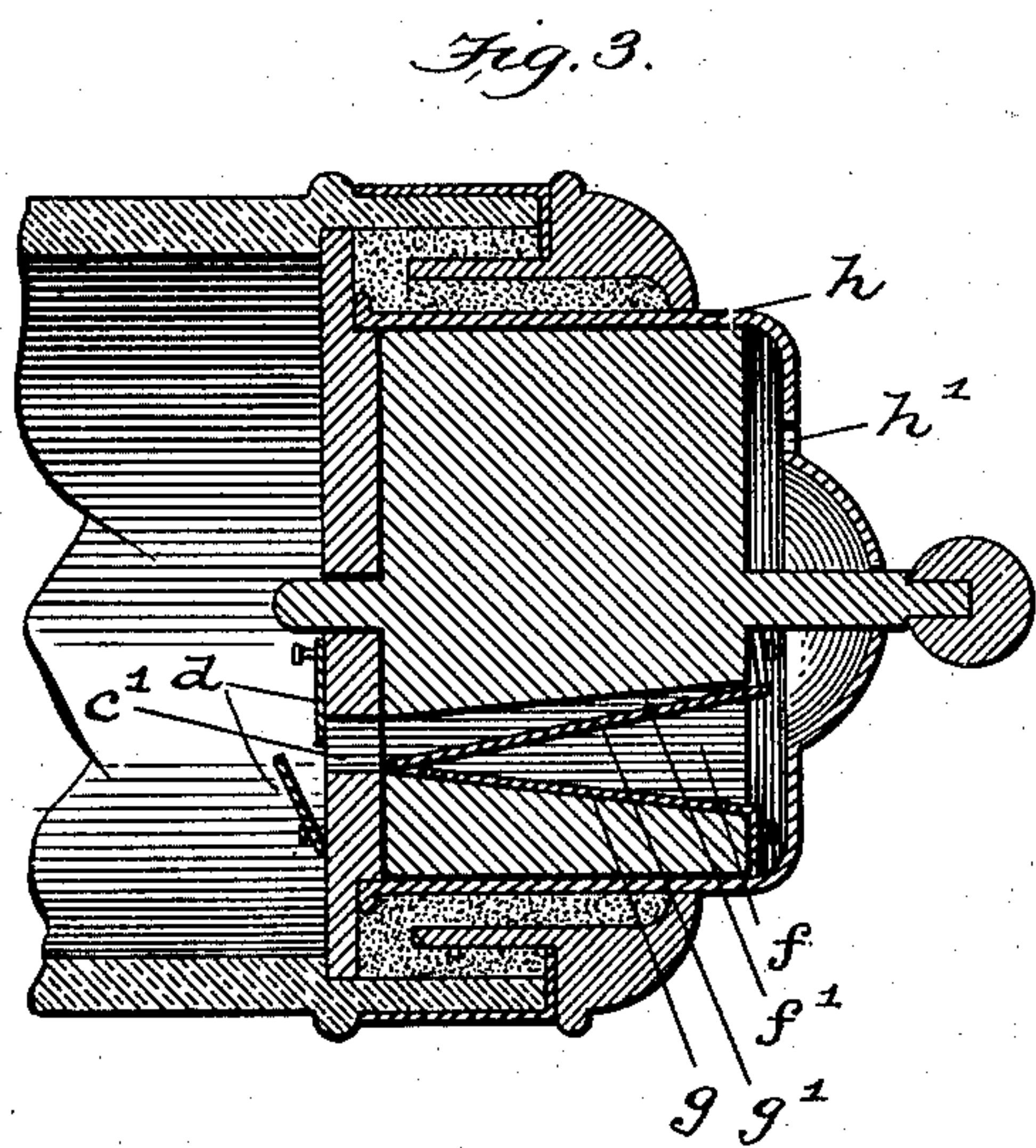
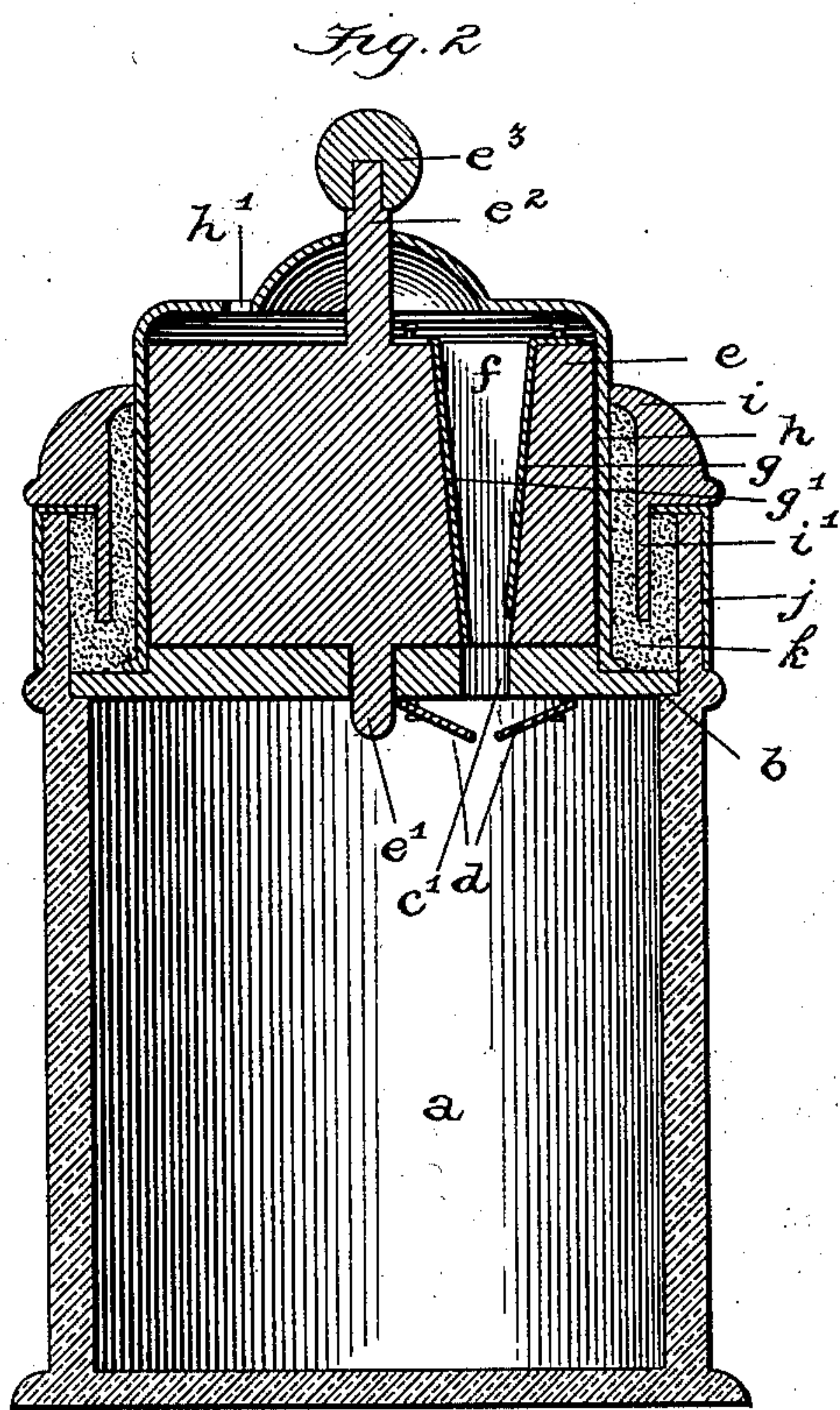
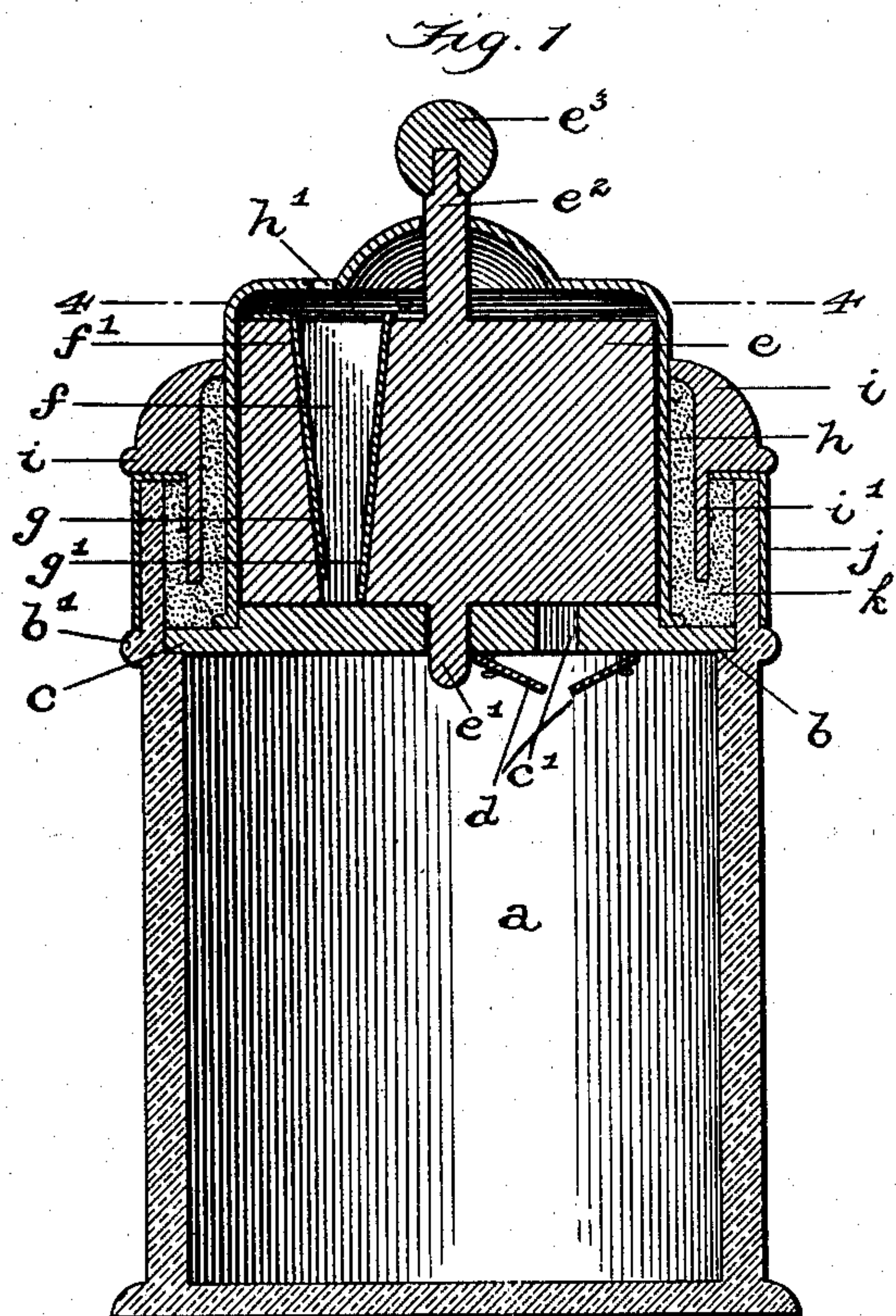
PATENTED DEC. 8, 1903.

G. H. SPAFFORD.
TOY BANK.

APPLICATION FILED JULY 15, 1903.

NO MODEL.

2 SHEETS—SHEET 1.



Witnesses

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2 SHEETS—SHEET 2.

Fig. 5.

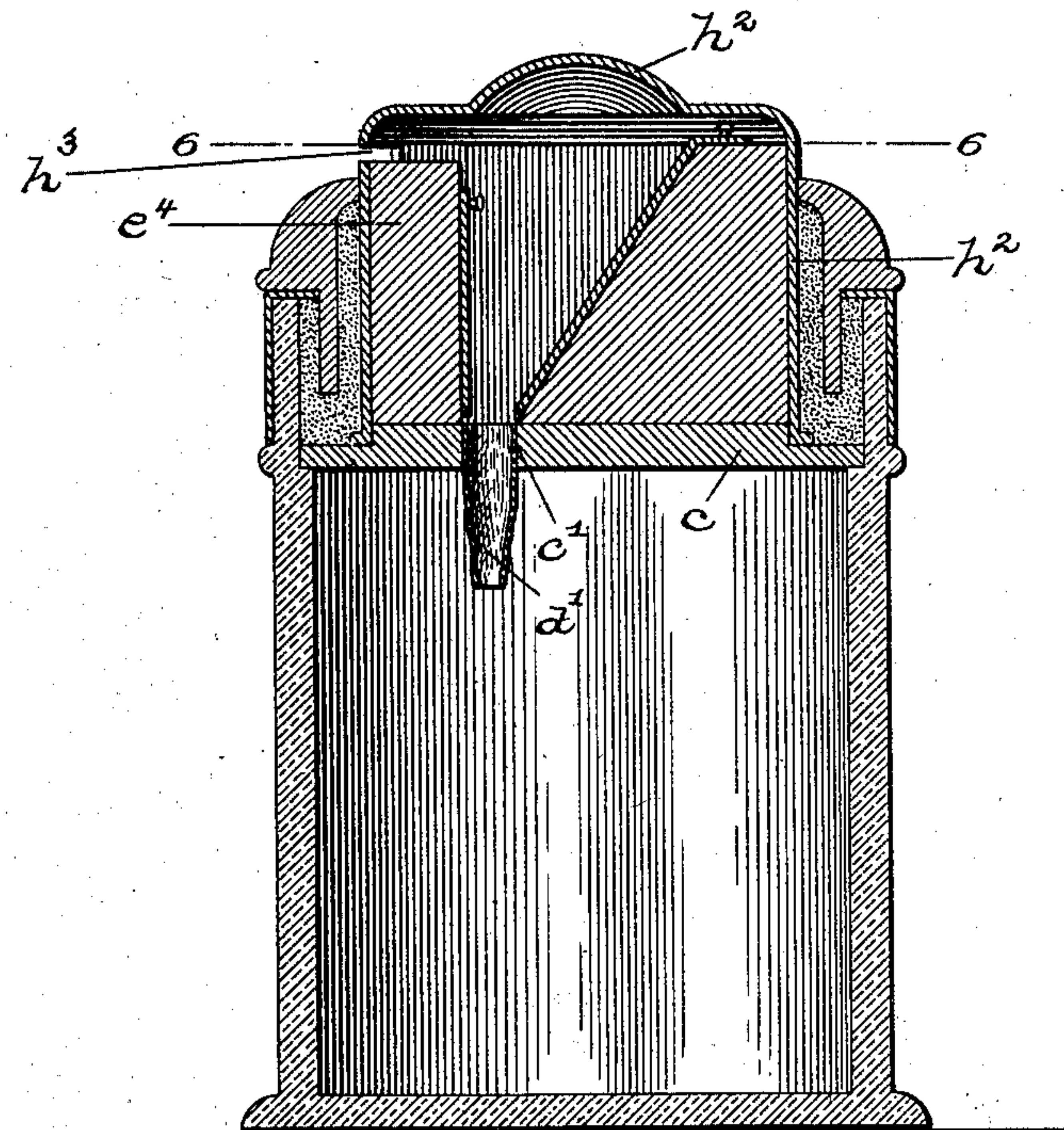
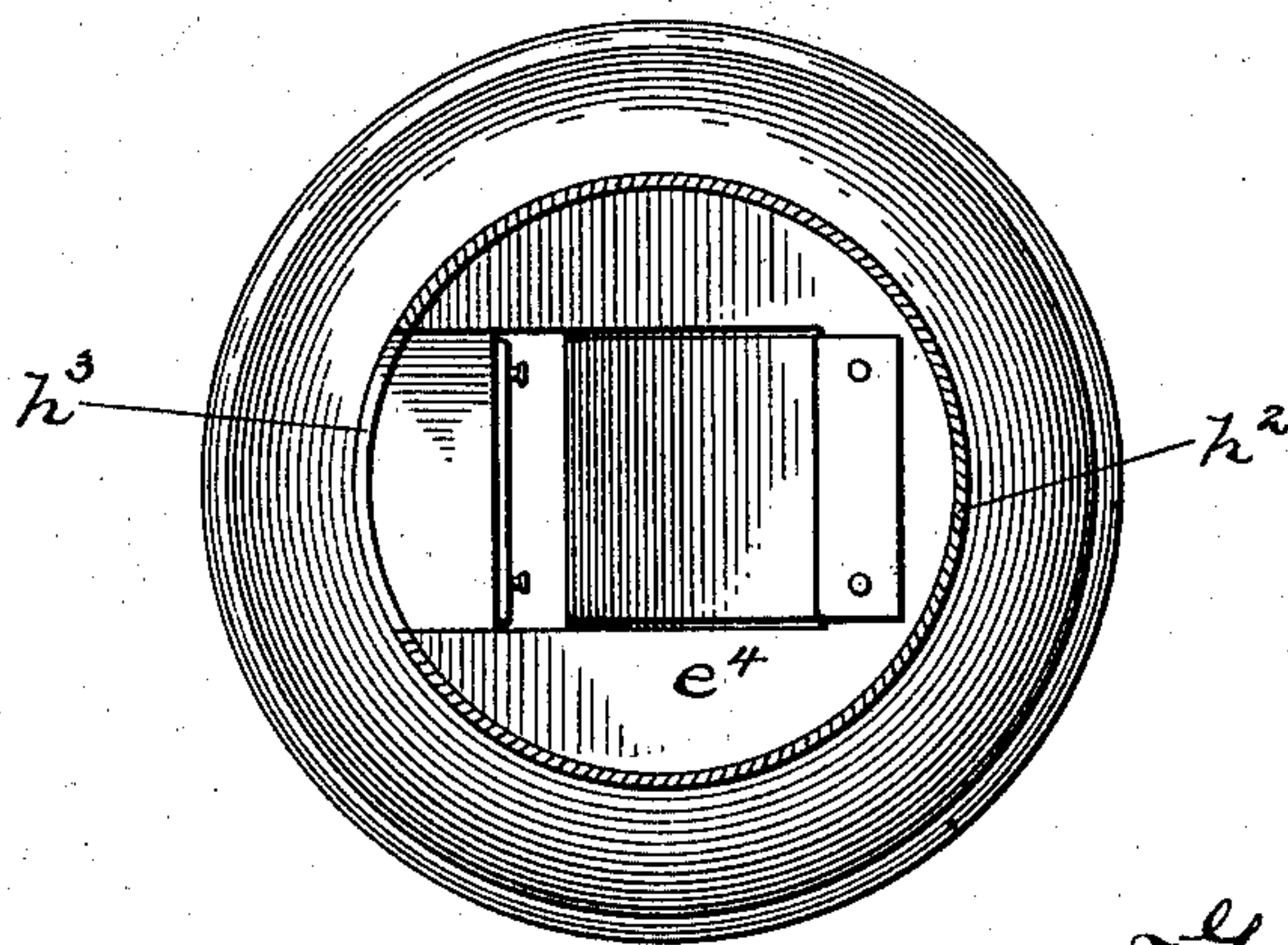


Fig. 6.



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UNITED STATES PATENT OFFICE.

GEORGE H. SPAFFORD, OF CHICAGO, ILLINOIS.

TOY BANK.

SPECIFICATION forming part of Letters Patent No. 746,598, dated December 8, 1903.

Application filed July 15, 1903. Serial No. 165,561. (No model.)

To all whom it may concern:

Be it known that I, GEORGE H. SPAFFORD, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Toy Banks, of which the following is a specification.

My invention relates to improvements in coin toy banks, and has for its object to provide an improved bank for the reception of coins which cannot be successfully manipulated to withdraw the coins after the same have been deposited therein.

Another object of the invention is to produce a bank which shall be simple in construction and operation and of neat appearance.

With these and other objects in view the invention is illustrated in the accompanying drawings, in which—

Figures 1 and 2 illustrate central vertical sectional views of the bank with the operative parts shown in the two operating positions. Fig. 3 illustrates a similar view of the upper portion of the bank, the latter being turned down on its side to a position most natural when endeavoring to manipulate the same to withdraw the coins. Fig. 4 is a sectional plan view on the line 4 4 of Fig. 1. Fig. 5 illustrates the invention embodied in a modified form, and Fig. 6 is a sectional plan view on the line 6 6 of Fig. 5.

In the drawings, *a* designates a receptacle or body which may be of any suitable material, but preferably of glass, china, or pottery in order that the same may be broken to get access to the contents, and is provided on its interior near its upper end with a shoulder *b*, and on its exterior said body is preferably provided with an annular bead *b'* for a purpose to be hereinafter described.

On the interior of the body or receptacle and seated on said shoulder *b* is a disk *c*, which latter closes the receptacle at its upper end, and said disk is provided at one side with a slot *c'*, which extends vertically through the disk and opens into and communicates with the receptacle *a*. On the bottom surface and at opposite sides of the vertical slot the disk is provided with loosely-attached plates *d*, which latter are free to swing toward each other and cover the said slot *c'*

when the receptacle is inverted or to swing away from each other when the receptacle is in its normal upright position. The object or function of these plates *d* will be presently described.

A head *e* has position above the disk *c*, and said head in the present instance is provided with central vertically-projecting stems *e'* and *e''*, which project from the bottom and top surfaces, respectively. The stem *e'* in the present instance extends down through the center of the disk *c* and serves as a pivot on which the head may be revolved. The head *e* is also provided with a slot *f*, which extends from the top to the bottom surfaces, and at its lower end said slot is normally closed by the top surface of the disk *c*. The side walls *f'* of the slot *f* are preferably inclined from the top surface of the head, where the slot is widest, toward the bottom, and pivoted plates *g* and *g'* extend down said inclined walls and at their lower ends are free to swing toward or away from each other. One of these plates *g'* is preferably longer than the other, so that the same will overlap the shorter plate for a purpose as will be later described.

The slot *f* of the head *e* and the slot *c'* of the disk *c* are arranged at equal distances from the center, so that they may be registered, as seen in Figs. 2 and 3, when desired.

A cap *h* fits down over the top of the head *e* and incloses the latter, and the stem *e''* of the head projects up through the said cap and is provided with a knob *e'''*, by means of which the stem and head may be revolved on the interior of the cap. The cap is also provided with a slot *h'*, through which a coin may be passed and deposited into the slot *f* of the head *e* when the latter is in the position shown in Fig. 1.

A ring-shaped head *i* surrounds the cap *h* and fits down on top of the receptacle or body *a*, and this ring-head is provided with a downwardly-projecting flange *i'*, which takes down on the inside of the receptacle or body *a* and has position about midway between the vertical wall of said receptacle and the vertical wall of the cap *h*.

A band *j* surrounds the upper end of the receptacle *a* and extends from the bead *b'* to the upper edge of the receptacle.

A filling of cement *k* is packed between the

receptacle *a*, cap *h*, and ring-shaped head *i* and serves to securely hold the parts together, and the band *j* serves merely to hide the cement from view from the exterior of the receptacle *a*.

From the foregoing description it will be seen that the coin is placed in the slot *h'* and drops into the slot *f* of the revoluble head *e* and rests on the top surface of the disk *c*. The head is then revolved, by means of the stem *e²*, until the slot *f* registers with the slot *c'* in the disk, at which time the coin will drop through the slot *c'* and pass between the plates *d* into the receptacle *a*. If an attempt is made to manipulate the bank by turning it from its normal vertical position—such, for example, as shown in Fig. 3 of the drawings—two impediments are placed in the path of the coin to prevent its passage. The plates *d* will assume a position to partly or entirely close the entrance to the slot *c'*, and at the same time the pivoted plates will assume a position to close the slot *f*. Thus it will be seen that it is practically impossible to withdraw a coin after the same has been deposited in the receptacle *a*.

In Figs. 5 and 6 a modified form of device is illustrated, the modification consisting in securing the head *e⁴* immovably within the cap *h²* and providing the latter with a slot *h³* in its side instead of the top. In this form the slot *c'* in the disk *c* is provided with a flexible sleeve *d'* instead of the pivoted plates *d* employed in the preferred form. The assembling and manner of securing the parts in position are the same as employed in the preferred form.

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

1. A bank having in combination a receptacle; a disk supported in said receptacle and having a slot; a head above said disk and also having a slot which coacts with the slot of said disk, and a cap covering said head and having a slot which communicates with the slot of said head.

2. A bank having in combination a receptacle; a disk supported in said receptacle and having a slot; a head above said disk and also having a slot which coacts with the slot of said disk; a plurality of movable plates in the slot of said head, and a cap covering said head and having a slot which communicates with the slot of said head.

3. A bank having in combination a receptacle; a disk supported in said receptacle and having a slot; means for closing said slot from the receptacle side; a head above said disk and also having a slot which coacts with the slot of said disk, and a cap covering the

slot of said head and having a slot which communicates with the slot of said head.

4. A bank having in combination a receptacle; a disk supported in said receptacle and having a slot; a head above said disk and also having a slot which coacts with the slot of said disk; a cap covering the slot of said head and having a slot which communicates with the slot of said head; a ring surrounding said cap and seated on the rim edge of said receptacle, and means for securing said ring, cap and receptacle together.

5. A bank having in combination a receptacle; a disk supported in said receptacle and having a slot; a plurality of plates pivotally secured to said disk at said slot and adapted to close said slot when the receptacle is tilted; a head above said disk and also having a slot which coacts with the slot of said disk; a plurality of plates pivotally mounted within the slot of said head, and a cap covering the slot of said head and having a slot which communicates with the slot of said head.

6. A bank having in combination a receptacle; a disk supported in said receptacle and having a slot; a head above said disk and also having a slot which coacts with the slot of said disk; means whereby the said two slots may be brought into registry, and a cap covering said head and having a slot which may register with one of said two slots.

7. A bank having in combination a receptacle; a disk supported in said receptacle and having a slot; a head mounted to revolve above said disk, said head having a slot which is adapted to be registered with the slot of said disk; a plurality of plates pivotally secured in the slot of said head and adapted to close the lower end of said slot when the receptacle is tilted, and a cap covering said revoluble head and provided with a slot with which the slot of said head is adapted to register when the head is revolved.

8. A bank having in combination a receptacle; a disk supported stationarily in said receptacle and having a slot at one side; a cap also supported stationarily above said disk and having a slot which is out of registry with the slot of said disk; a revoluble head also having a slot which is adapted to be brought into registry with one of said slots at a time and a plurality of movable plates for closing the slots of said disk and head for the purpose set forth.

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

GEORGE H. SPAFFORD.

Witnesses:

GEO. C. BOLTON,
W. H. SHEPARD.