

No. 774,037.

PATENTED NOV. 1, 1904.

R. BÜRGI.
GRAMOPHONE PLATE HOLDER.

APPLICATION FILED SEPT. 8, 1903.

NO MODEL.

FIG. 1.

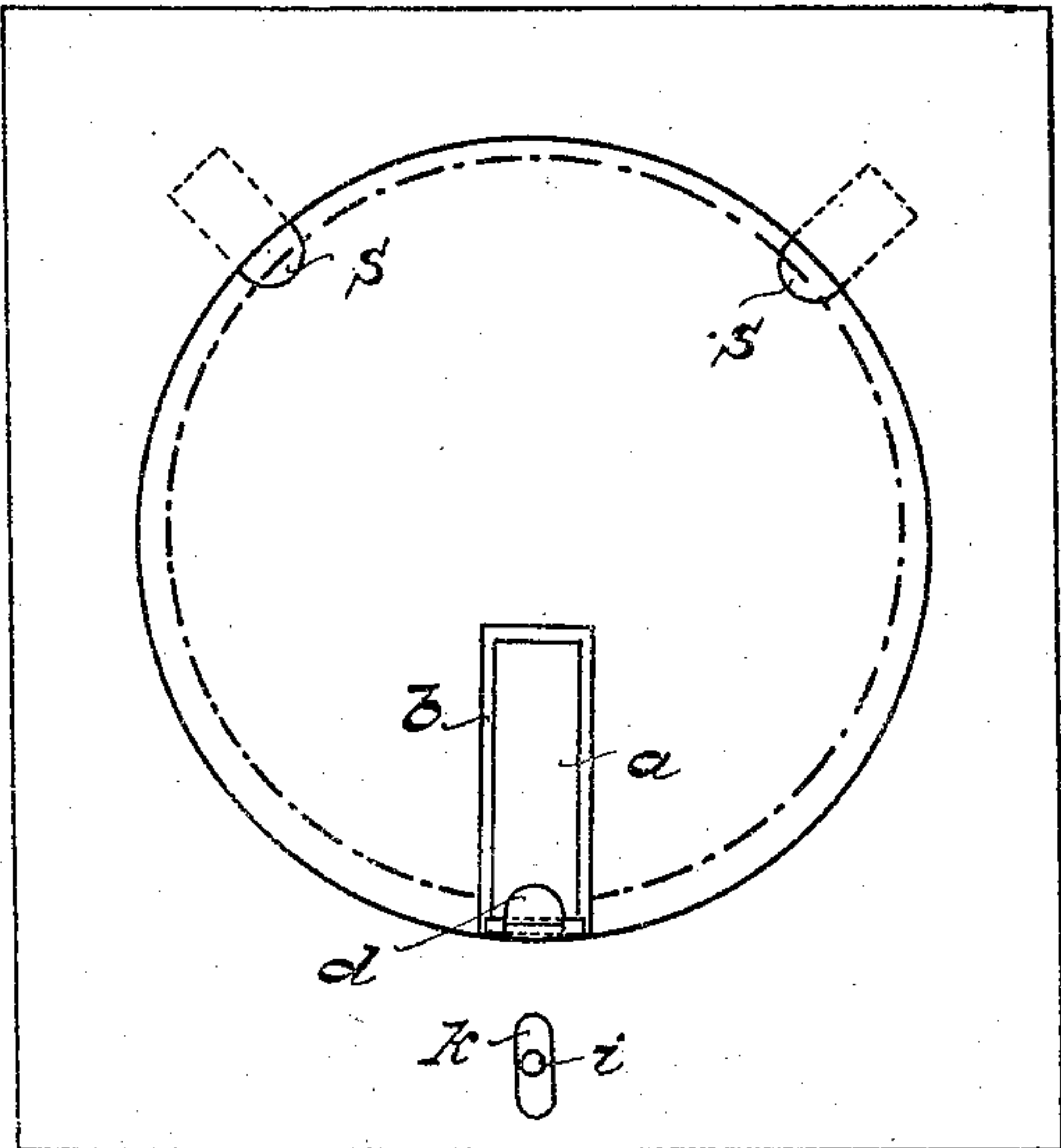


FIG. 2.

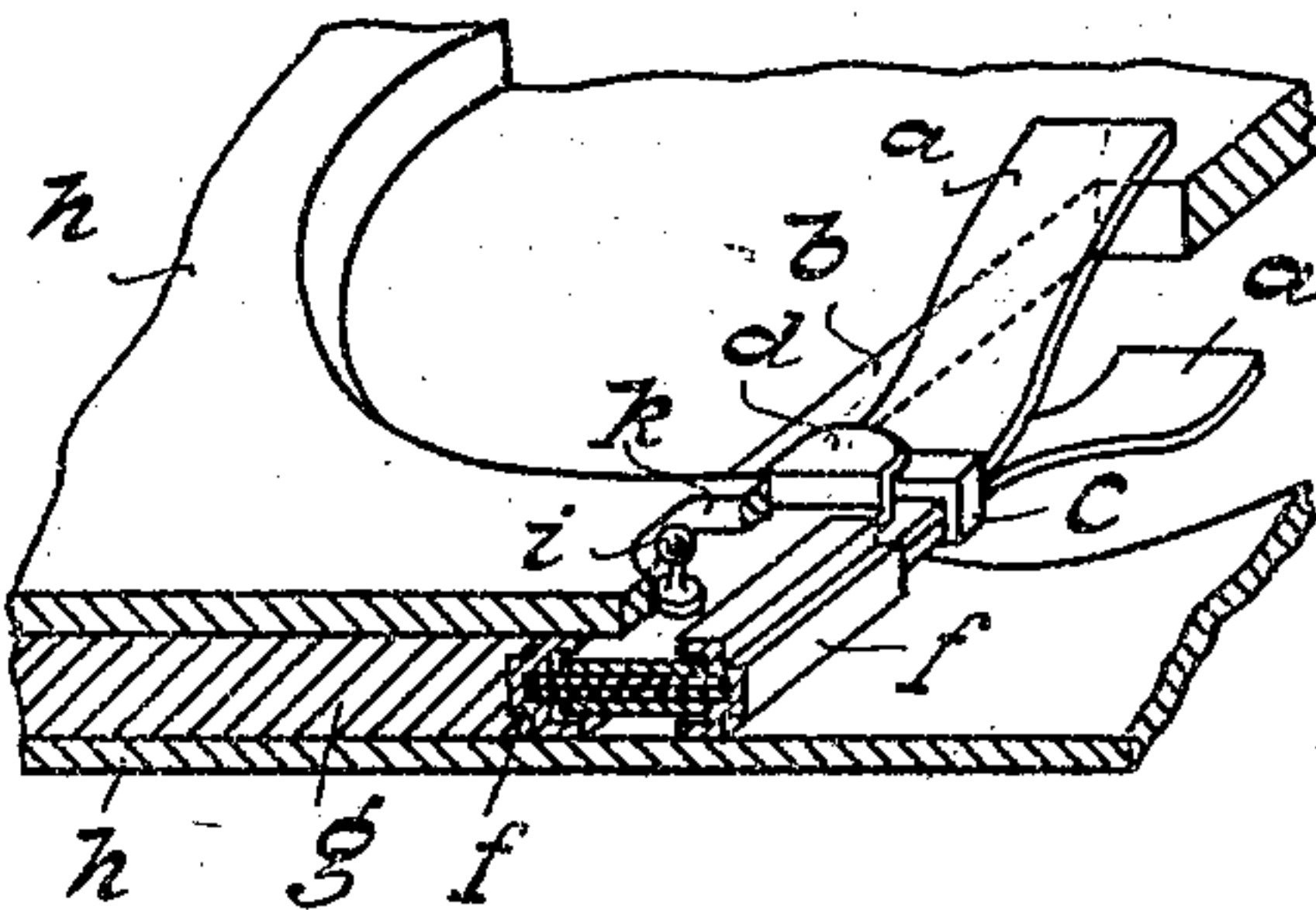


FIG. 3.

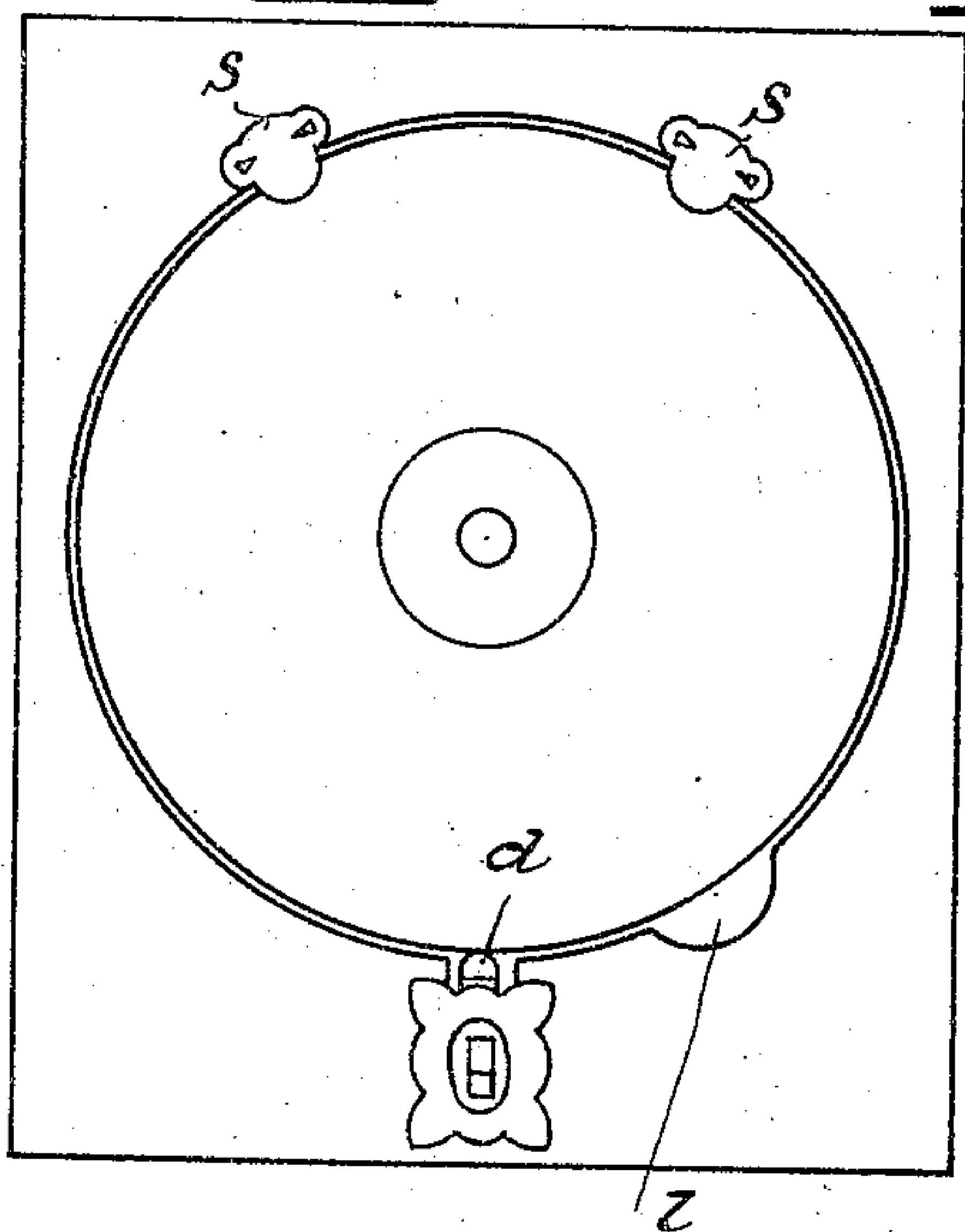
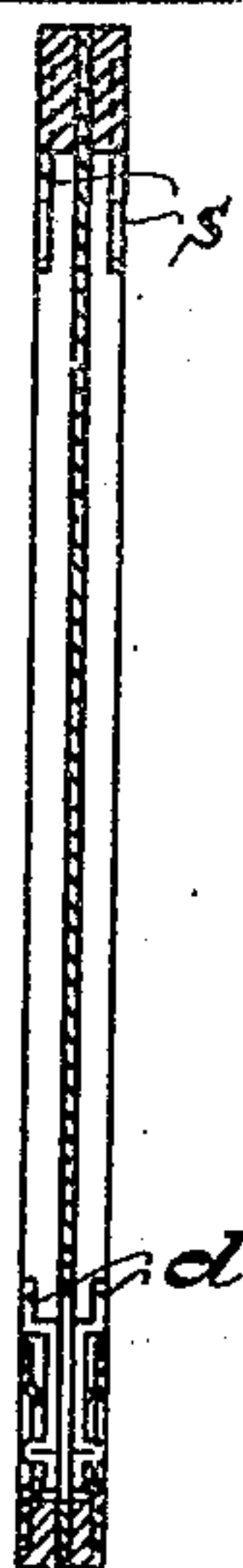


FIG. 4.



Witnesses:

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UNITED STATES PATENT OFFICE.

RICHARD BÜRGI, OF PASING, NEAR MUNICH, GERMANY.

GRAMOPHONE-PLATE HOLDER.

SPECIFICATION forming part of Letters Patent No. 774,037, dated November 1, 1904.

Application filed September 8, 1903. Serial No. 172,381. (No model.)

To all whom it may concern:

Be it known that I, RICHARD BÜRGI, a citizen of Germany, residing at Pasing, near Munich, Germany, have invented certain new and useful Improvements in Gramophone-Plate Holders; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to a device for the reception and storing of gramophone-plates and the like, and has for its object the provision of means whereby the same may be preserved from injury and be readily accessible when wanted.

The invention consists of a holder having a recessed portion for the reception of the plate and provided with retaining means the particular nature of which will be hereinafter more fully described, reference being had to the accompanying drawings, in which—

Figure 1 is an elevation of the empty holder. Fig. 2 is a detail perspective view. Fig. 3 is an elevation of a modified form with the plate in position. Fig. 4 is a sectional view through Fig. 3.

The holder is preferably composed of three layers of cardboard or other suitable material, the outer layers, *h*, having a central opening, having a shape conforming to the plate and the intermediate layer *g*, provided with a slot *b*, extending from near the central portion to or near one edge. These layers are secured together in such manner that the central openings in the outer layers form recesses adapted to receive the plate. The outer layers are provided with lips or projections *s*, overhanging the recess and preferably countersunk in such manner as to be flush with the surface. At the opposite side of the opening a spring-actuated bolt having a lip *d* is provided which may be withdrawn by means of the pin *i*, which is accessible through the slot *k*, also formed in the outer layer.

The description so far applies to both modifications illustrated.

To effect the removal of the plate by hand, a cut-away portion *l* is provided, as shown in Fig. 3, in order that the edge of the plate may

be readily reached and lifted by the finger. In order, however, to facilitate the removal of the plate, I preferably provide means whereby the same will be automatically elevated above the surface of the holder as soon as the spring-actuated bolt *d* is removed from engagement with the plate, such means consisting of a two-part leaf-spring *a*, secured within the slot *b* by means of the shoulder or flange *f* and bearing upon the under side of the plates when in the holder. The leaf-spring is provided with a slidable collar *c*, by means of which the two leaves may be brought together and confined within the plane bounded by the outer surfaces of the two layers *h*, thus permitting a number of holders to be closely packed when empty.

It will of course be understood that instead of providing the holders with a recessed portion upon each side to accommodate two plates a single holder may be provided consisting of the layer *g* and one layer *h*, in which case a single leaf-spring only would be required. For economy of space, however, I prefer to make the holder as described for the reception of two plates.

In practice it is found to be advantageous to provide the holders with a flexible end portion and to bind a number of the same within a common cover after the manner of an album. Such album may be conveniently provided with an index, by means of which any desired plate can be readily found.

While I have described my invention as applied particularly to the preservation of gramophone-plates, it is also well adapted for the storing of photographic negatives, mounted photographs, specimens, and various uses which will readily suggest themselves.

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

1. A holder for gramophone-plates and the like, having a recess for the reception of the plate, means for retaining the plate within the recess consisting of countersunk lips disposed upon one side of and overhanging the recess, a spring-actuated catch disposed within the holder on the opposite side of the recess whereby the plate is held in position, and a

pin carried by the catch and disposed within a slot in the holder whereby the catch may be retracted and the plate released.

2. A holder for gramophone-plates and the like, having a recess formed on each side for the reception of the plates, means for retaining the plates within the recesses consisting of lips disposed upon one side of each recess and overhanging the same, a spring-actuated catch disposed within the holder upon the opposite side of the recesses whereby the plate is held in position, and a pin carried by the catch and disposed within a slot in the holder whereby the catch may be retracted and the plate released.

3. A holder for gramophone-plates and the like, having a recess formed on each side for the reception of the plates, means for retaining the plates within the recesses consisting of lips disposed upon one side of each recess and overhanging the same, and a spring-actuated catch disposed on the opposite side of the recesses and common to each whereby the plates may be released.

4. A holder for gramophone-plates and the like, having a recess for the reception of the plate, means for retaining the plate within the recess, means for expelling the plate upon the withdrawal of the retaining means, and means for withholding the expelling means from operation at will.

5. A holder for gramophone-plates and the like, having a recess for the reception of the plate, countersunk lips disposed upon one side overhanging the recess, a spring-actuated catch disposed on the opposite side of the recess whereby the plate may be released, and a spring disposed in the bottom of the recess and adapted to expel the plate when the catch is retracted, and a collar engaging the spring whereby the expelling-spring may be held out of operation at will.

6. A holder for gramophone-plates and the like, having a recess formed on each side for the reception of the plates, means for retaining the plates within the recesses, means for releasing the plates, and a spring disposed between the plates and operating in opposite directions to expel the same when released.

7. A holder for gramophone-plates and the like, having a recess formed on each side for the reception of the plates, means for retaining the plates within the recesses, means for releasing the plates, and a two-part leaf-spring disposed between the plates and operating in opposite directions to expel the same.

8. A holder for gramophone-plates and the like, having a recess formed on each side of a diaphragm and serving for the reception of the plates, means for retaining the plates consisting of lips disposed on one side of each recess and overhanging the same, a spring-actuated catch disposed on the opposite side of the recesses whereby the plates may be released, and a two-part leaf-spring disposed within a slot in the diaphragm and between the two plates and adapted to expel the plates from the recesses when the catch is retracted.

9. A holder for gramophone-plates and the like, having a recess formed on each side for the reception of the plates, means for retaining the plates consisting of lips disposed on one side of each recess and overhanging the same, a spring-actuated catch disposed on the opposite side of the recesses whereby the plates may be released, a two-part leaf-spring disposed within the holder between the two plates and adapted to expel the plates from the recesses when the catch is retracted, and means for depressing the spring within the recesses in such manner as to render the same inoperative.

10. A holder for gramophone-plates and the like, having a recess formed on each side for the reception of the plates, means for retaining the plates consisting of lips disposed on one side of each recess and overhanging the same, a spring-actuated catch disposed on the opposite side of the recesses whereby the plates may be released, a two-part leaf-spring disposed within the holder between the two plates and adapted to expel the plates from the recesses when the catch is retracted, and a collar whereby the two leaves of the spring may be united in such manner as to render the same inoperative.

11. A holder for gramophone-plates and the like, having a recess formed on each side for the reception of the plates, means for retaining the plates within the recess consisting of overhanging lips disposed upon one side of each recess, and a spring-actuated catch disposed within the holder upon the opposite side of the recesses in such manner as to engage both plates.

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

RICHARD BÜRGI.

Witnesses:

CLARA I. PARKER,
FRED. A. PAULIG.