

No. 791,128.

PATENTED MAY 30, 1905.

P. S. BAUER.
LIGATURE CONTAINER.
APPLICATION FILED DEC. 26, 1903.

Fig. 1.

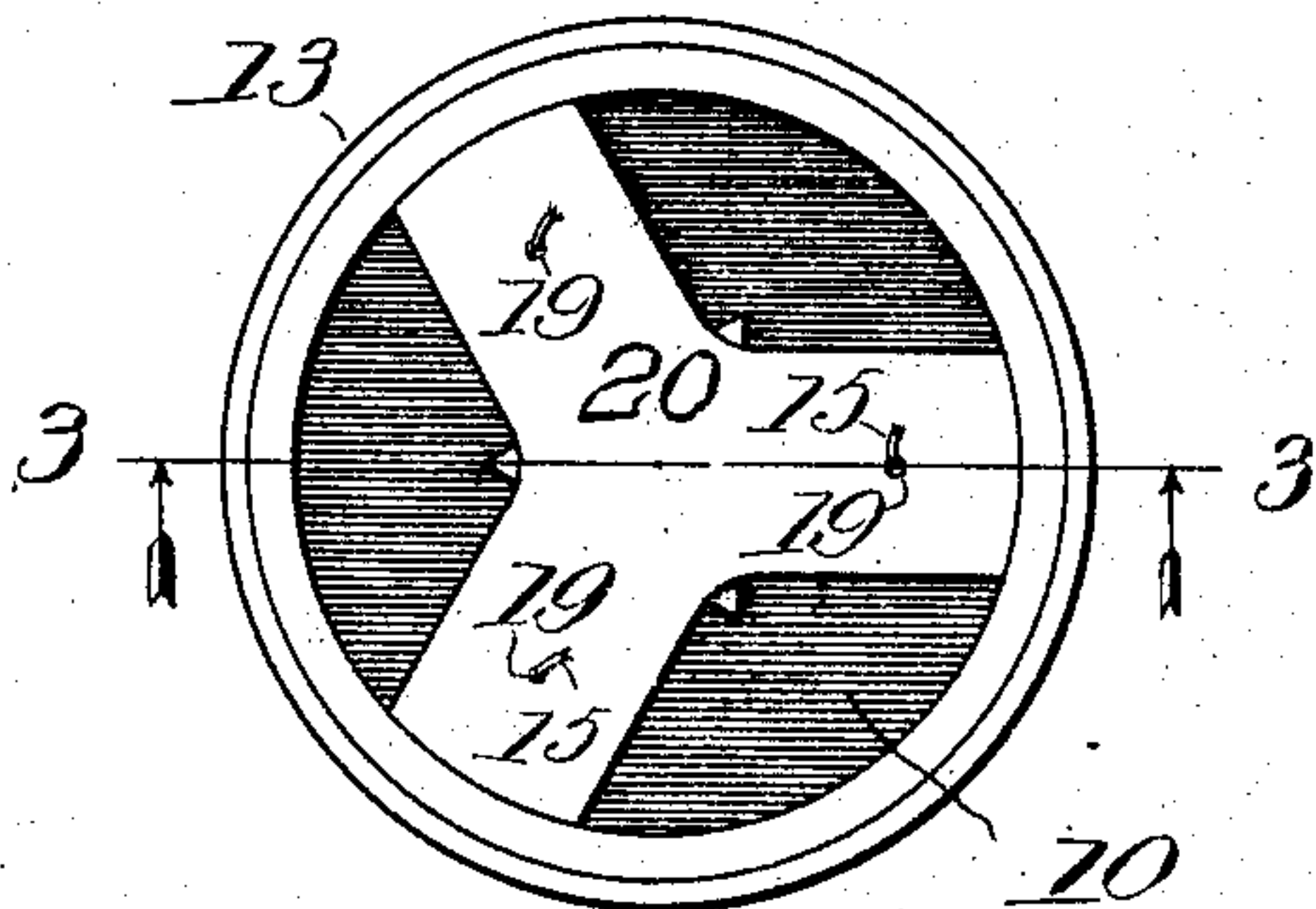


Fig. 2.

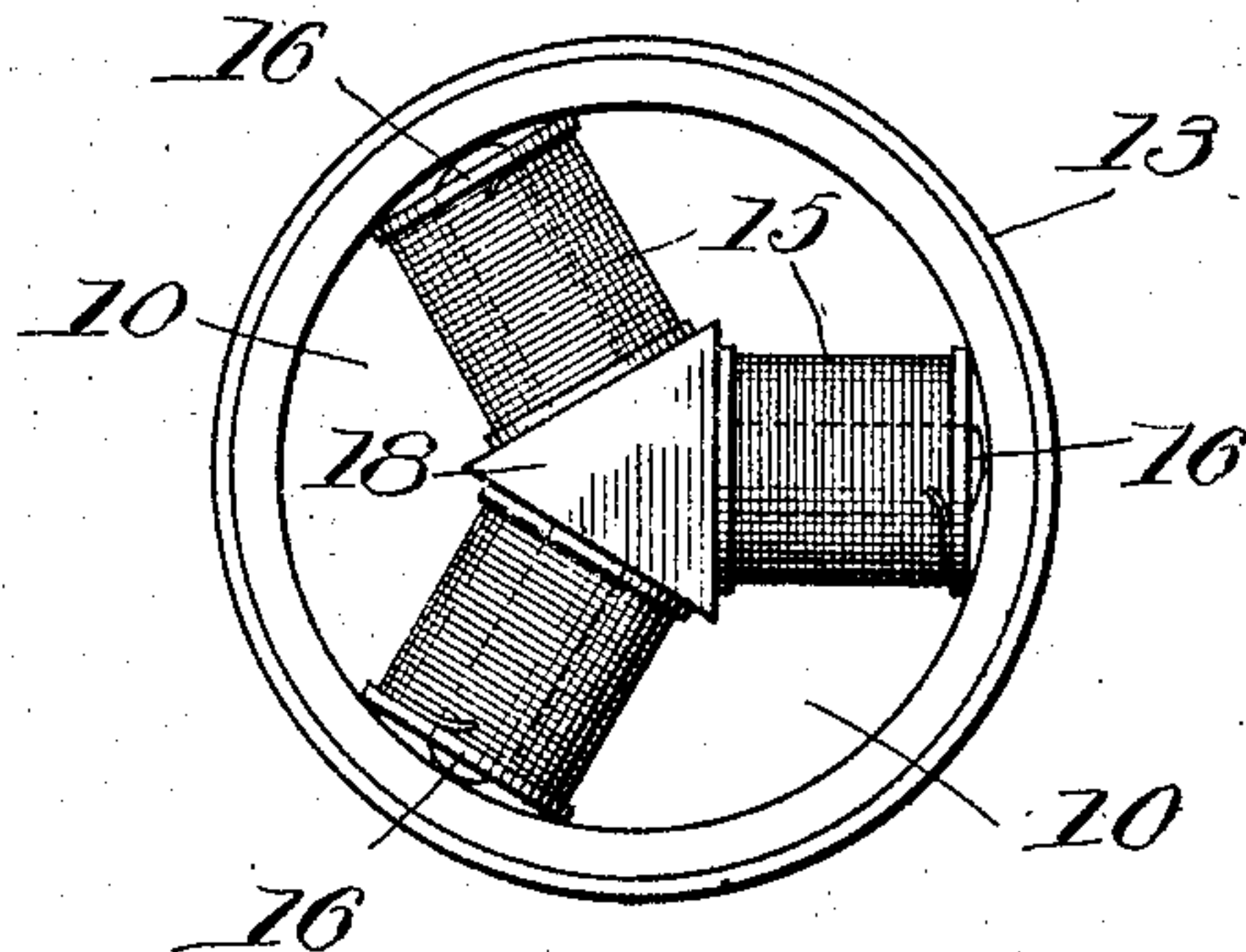


Fig. 3.

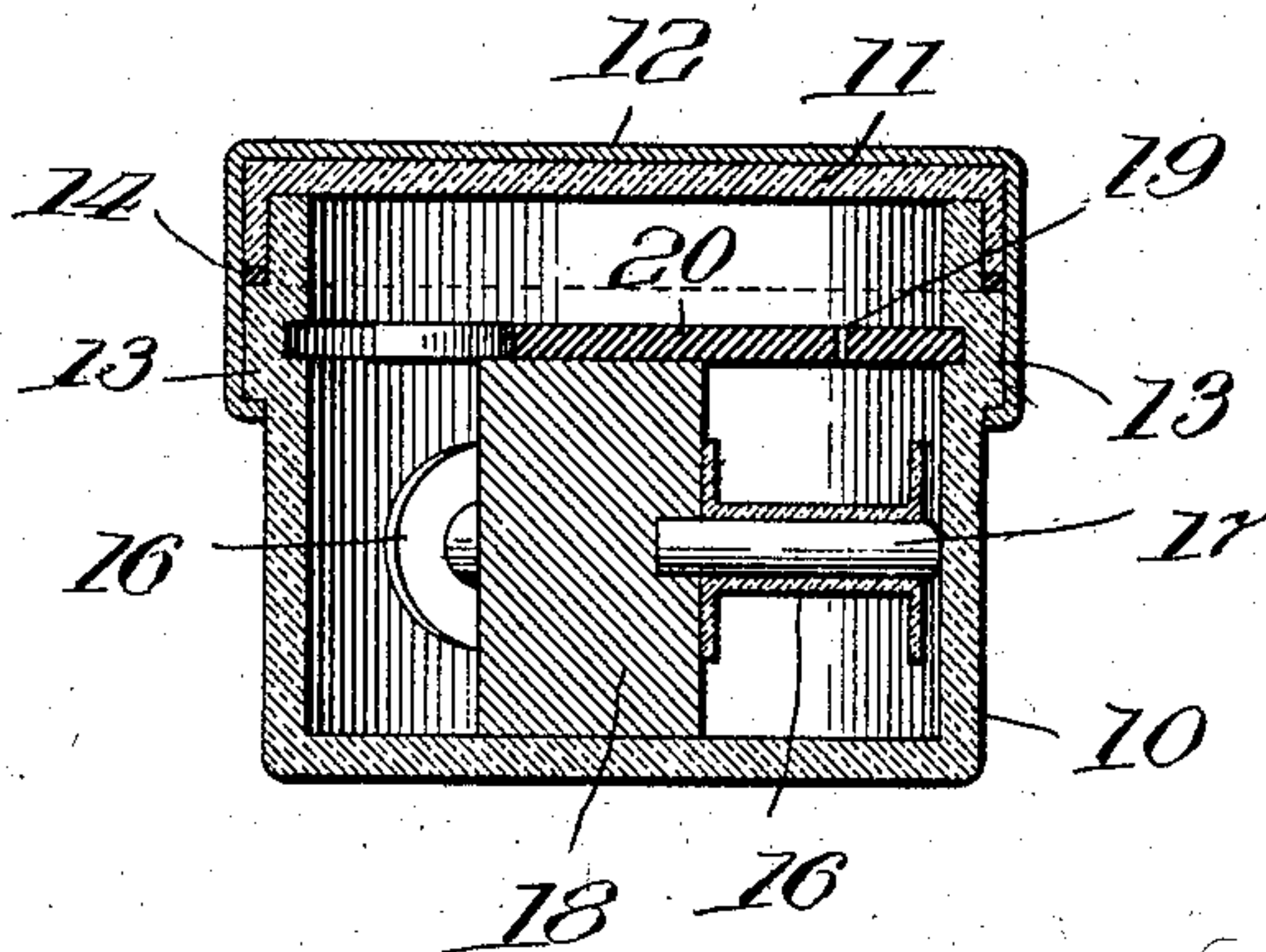
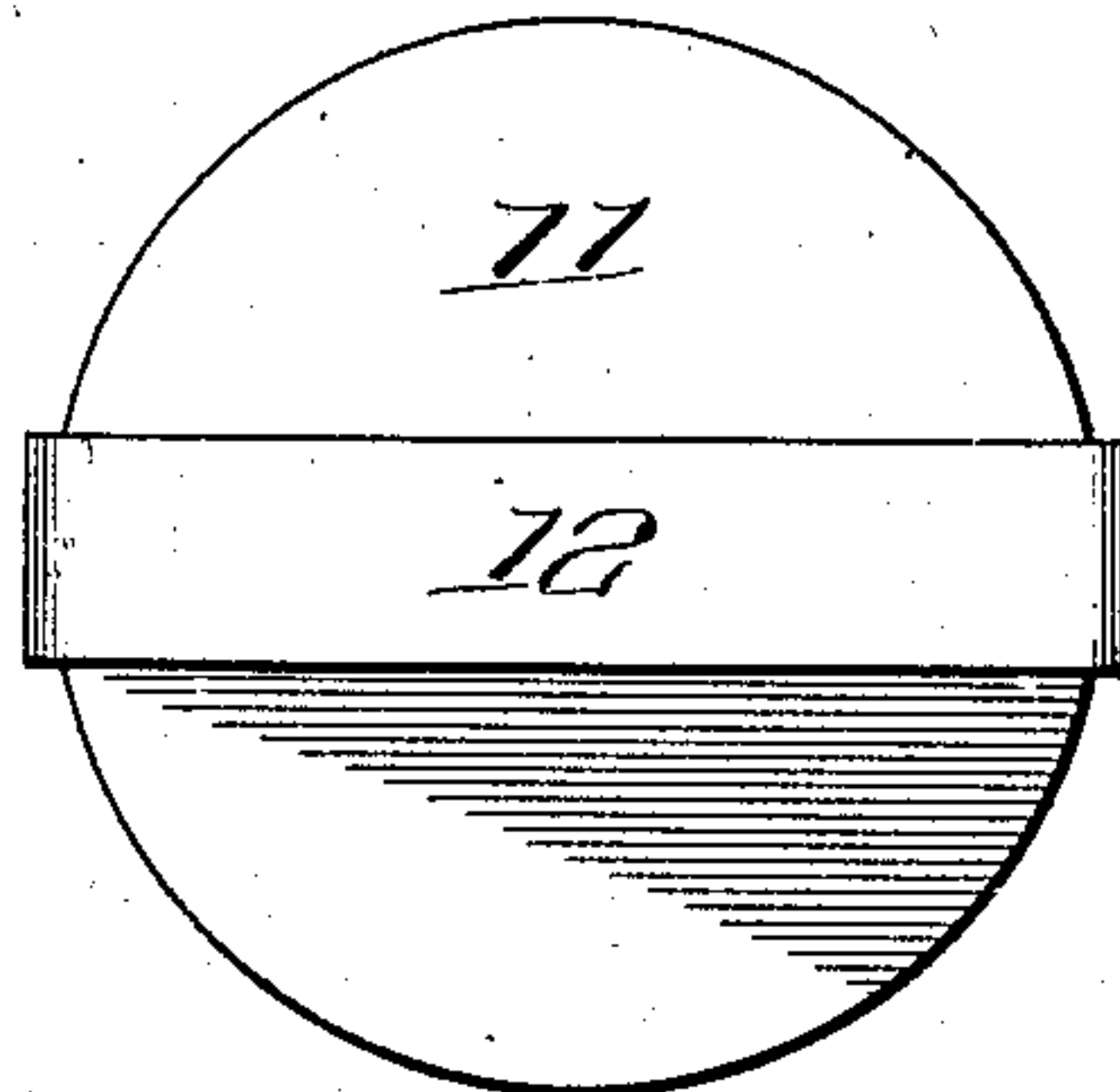


Fig. 4.



Witnesses:

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PERRY S. BAUER, OF CHICAGO, ILLINOIS, ASSIGNOR TO BAUER & BLACK OF CHICAGO, ILLINOIS, A CORPORATION OF ILLINOIS.

LIGATURE-CONTAINER.

SPECIFICATION forming part of Letters Patent No. 791,128, dated May 30, 1905.

Application filed December 26, 1903. Serial No. 186,610.

To all whom it may concern:

Be it known that I, PERRY S. BAUER, a citizen of the United States, residing in Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Ligature-Containers, of which the following is a specification.

This invention relates to containers for holding ligatures; and its object is to provide a container of small size adapted to hold several spools of ligatures in a convenient manner for use, and, further, to provide an inexpensive container which requires a comparatively small quantity of liquid for preserving the ligatures.

I have illustrated one embodiment of the invention in the accompanying drawings, in which—

Figure 1 is a top plan view of the container with the cover removed. Fig. 2 is a similar view with the part 20 also removed. Fig. 3 is a transverse sectional view on the line 3 3 of Fig. 1 with the cover in place. Fig. 4 is a top plan view of the container.

This container is preferably made of glass, circular in shape, and comprises a body 10 and a suitable cover 11, which is adapted to be securely fastened to the body by some suitable locking device, such as the plate 12, which makes locking engagement with the shoulder 13 on the body. A washer 14 may be provided between the shoulder and the cover to make a tight joint.

The ligatures 15 are wound upon glass spools 16, which are mounted upon spindles 17, carried by a support 18 in the body, as clearly shown in Fig. 2. This support is of prismatic form, and in the embodiment of the invention illustrated in the drawings I have shown a triangular support for three spools; but of course the container may be adapted to hold a greater or less number of spools by providing the support with a corresponding number of flat sides from which the spindles project radially to support the spools. The spools are mounted loosely upon the spindles and operate freely thereon between the flat sides of the support

and the inner wall of the body of the container, and the ends of the ligatures preferably extend upward through openings 19 in a guide or plate 20. This guide or plate is preferably made of rubber, and it may be held in place by being sprung into the groove 21 in the inner wall of the body of the container, and it not only serves in the construction illustrated to hold the ends of the ligatures, but also rests upon the support and holds it in place in the body.

It will be observed that by supporting the spools radially in the body I am able to make the container in a small and compact form, and the ligatures are entirely separated from each other without liability of becoming entangled. Because of the small size of the container it requires only a correspondingly small quantity of alcohol or other preservative. The guide is preferably made in some sort of skeleton form—such as shown in Fig. 1, for example—and sufficient alcohol may be provided to immerse the ends of the ligatures resting upon or projecting above the guide, so that these ends will be preserved in the same manner as that part of the ligatures on the spools.

This container can be manufactured inexpensively and of any size and shape adapted for the purpose and for holding any desired number of spools, and as I have attempted to illustrate the drawings in their simplest form it will be understood that I reserve the right to make all such changes and modifications as fairly fall within the scope and spirit of the invention.

Without limiting myself to the exact construction and arrangement of parts herein shown and described, what I claim, and desire to secure by Letters Patent, is—

1. A ligature-container comprising a body, a cover therefor, and a plurality of radial means for supporting the ligatures in the body in different radii of substantially the same horizontal plane.

2. A ligature-container comprising a body, a cover therefor, spools carrying the ligatures,

and a plurality of radial means supporting said spools in the body in different radii of substantially the same horizontal plane.

3. A ligature-container comprising a body,
5 a cover therefor, a prismatic support, and spindles on said support extending radially of the body for carrying the ligatures.

4. A ligature-container comprising a body,
a cover therefor, a prismatic support within
10 the body, spindles carried by said support radially of the body, and spools carrying the ligatures and revolubly mounted on said spindles between said support and the side wall of the body.

15 5. A ligature-container comprising a body, a support centrally located therein, and a plu-

rality of radial means on said support and projecting therefrom in different directions to carry the ligatures in different vertical planes.

6. A ligature-container comprising a body, 20
a cover therefor, a centrally-disposed support within the body, a plurality of radial means on said support for carrying the ligatures in the body in different radii of substantially the same horizontal plane, and a skeleton guide 25
located below the top of the body for holding the ends of the ligatures and arranged to engage and hold the support in the body.

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