

No. 814,385.

PATENTED MAR. 6, 1906.

P. L. MADDEN & G. PFENDER.

CUSPIDOR.

APPLICATION FILED OCT. 2, 1905.

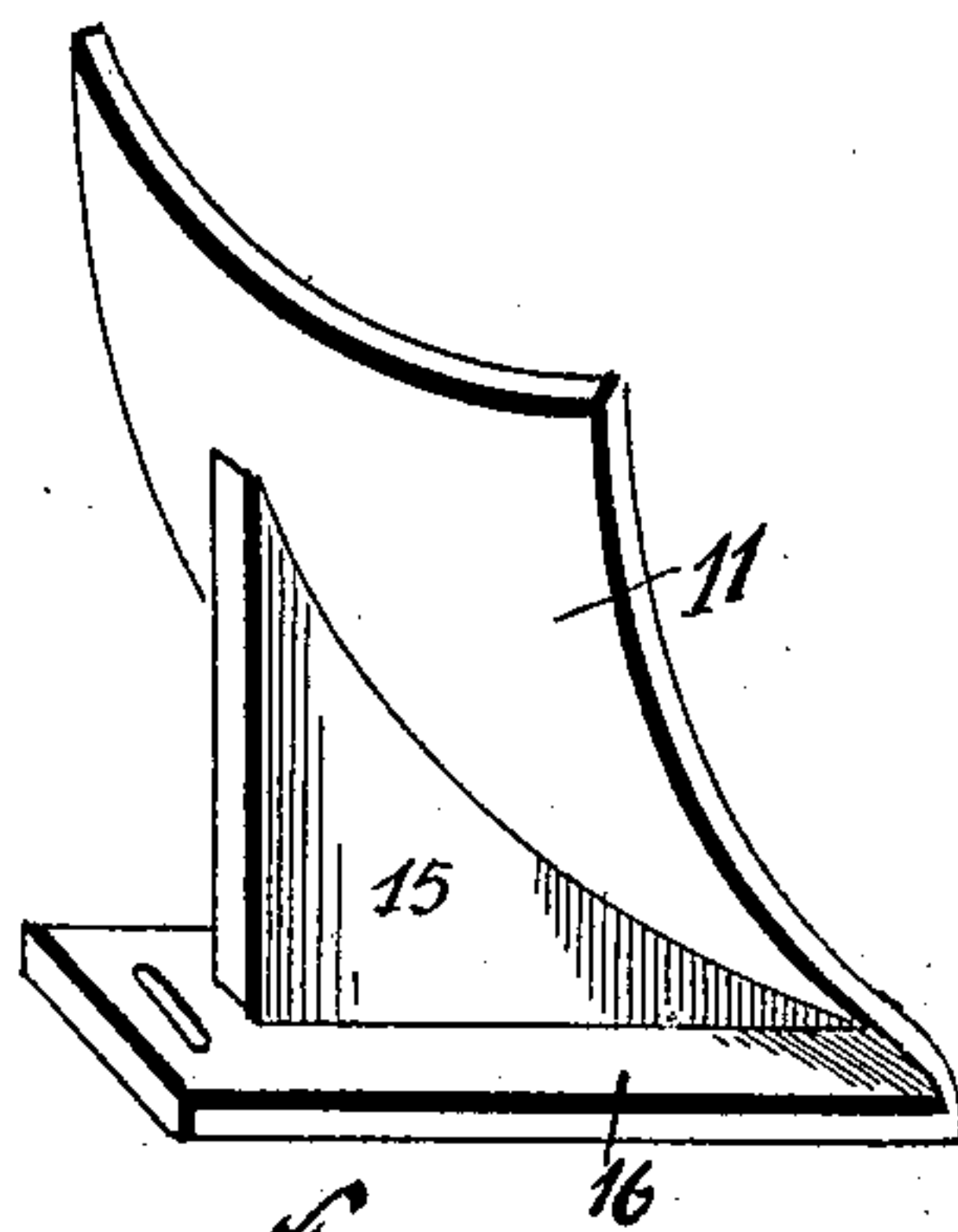


Fig. 2.

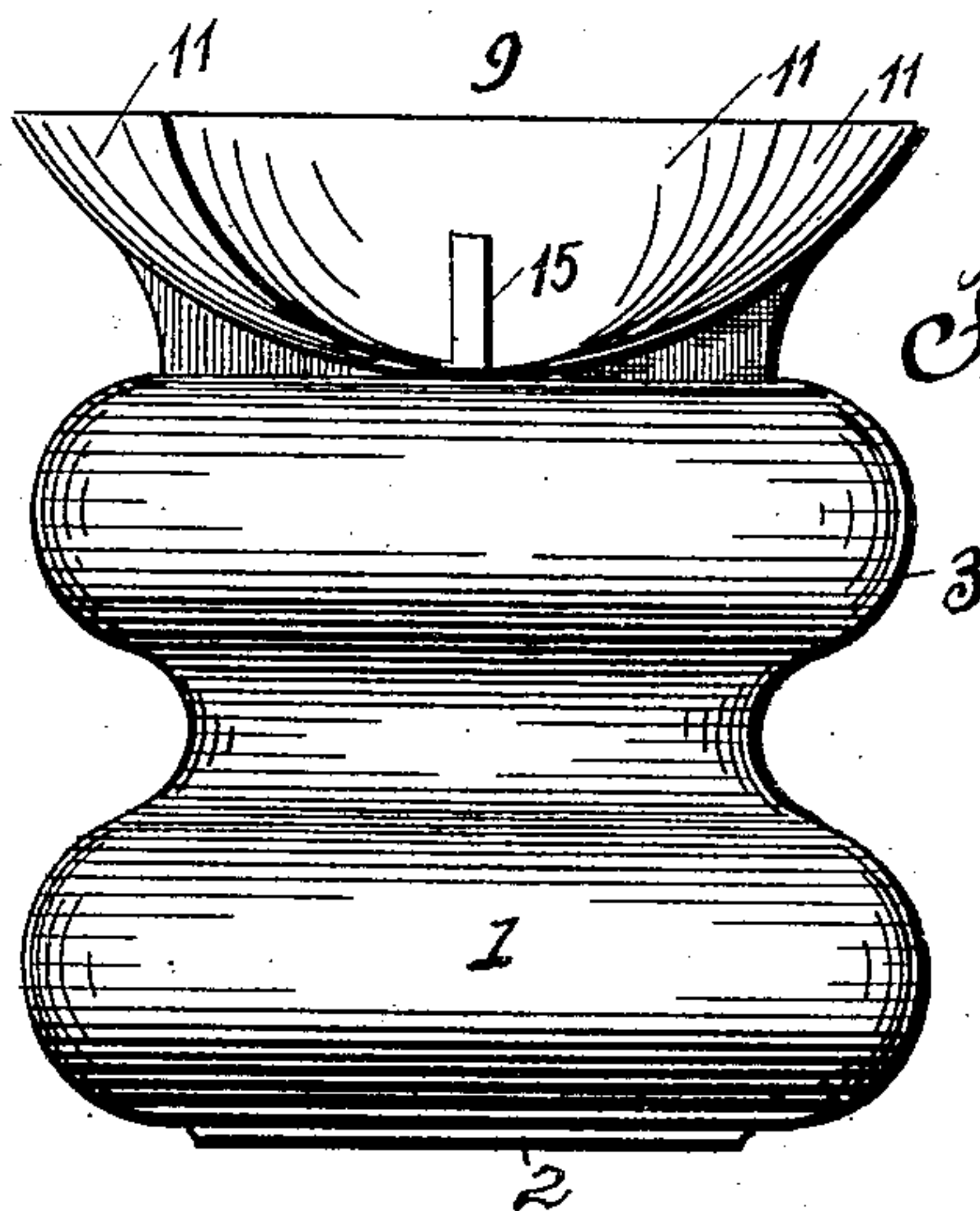


Fig. 1

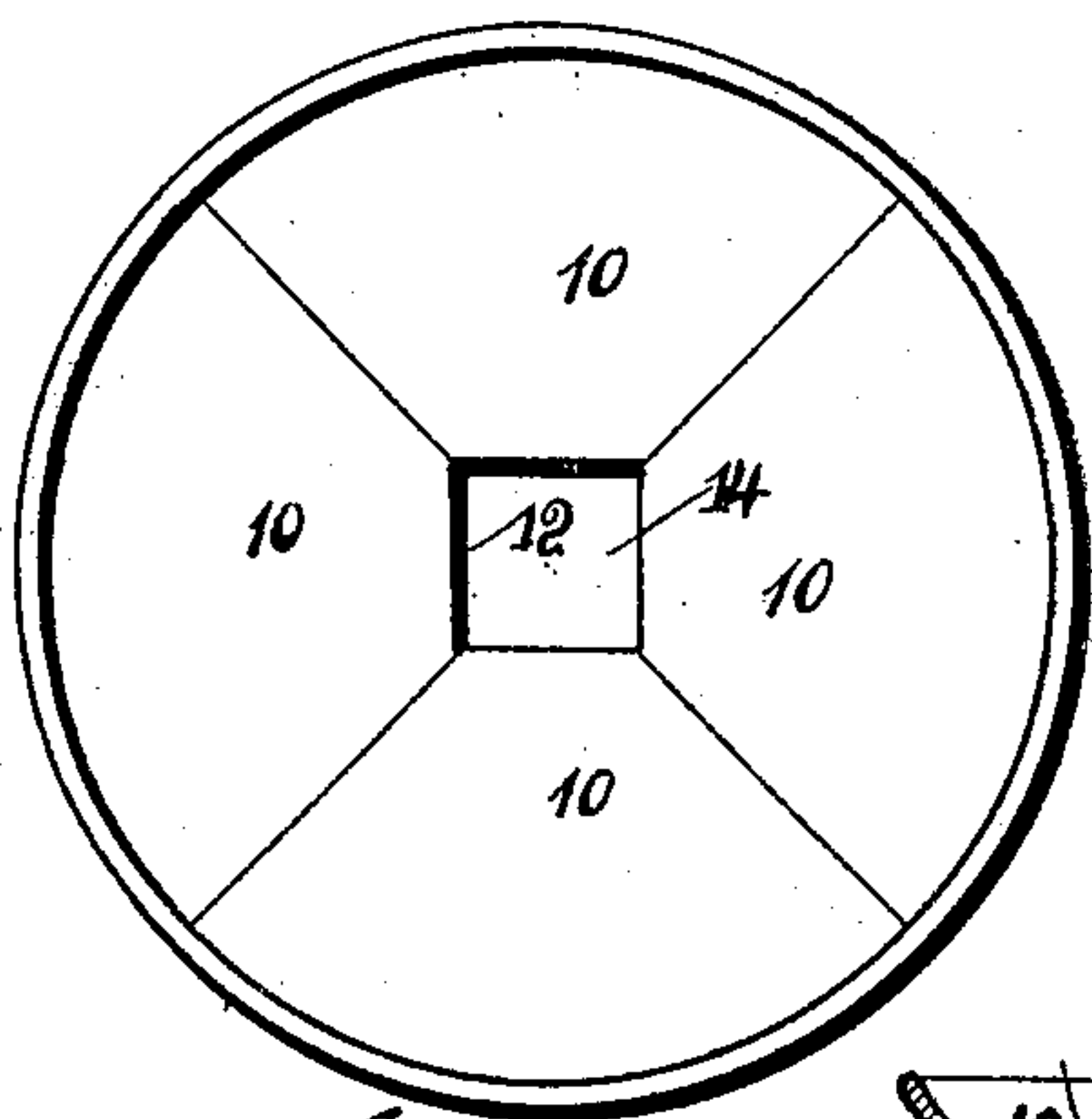


Fig. 3

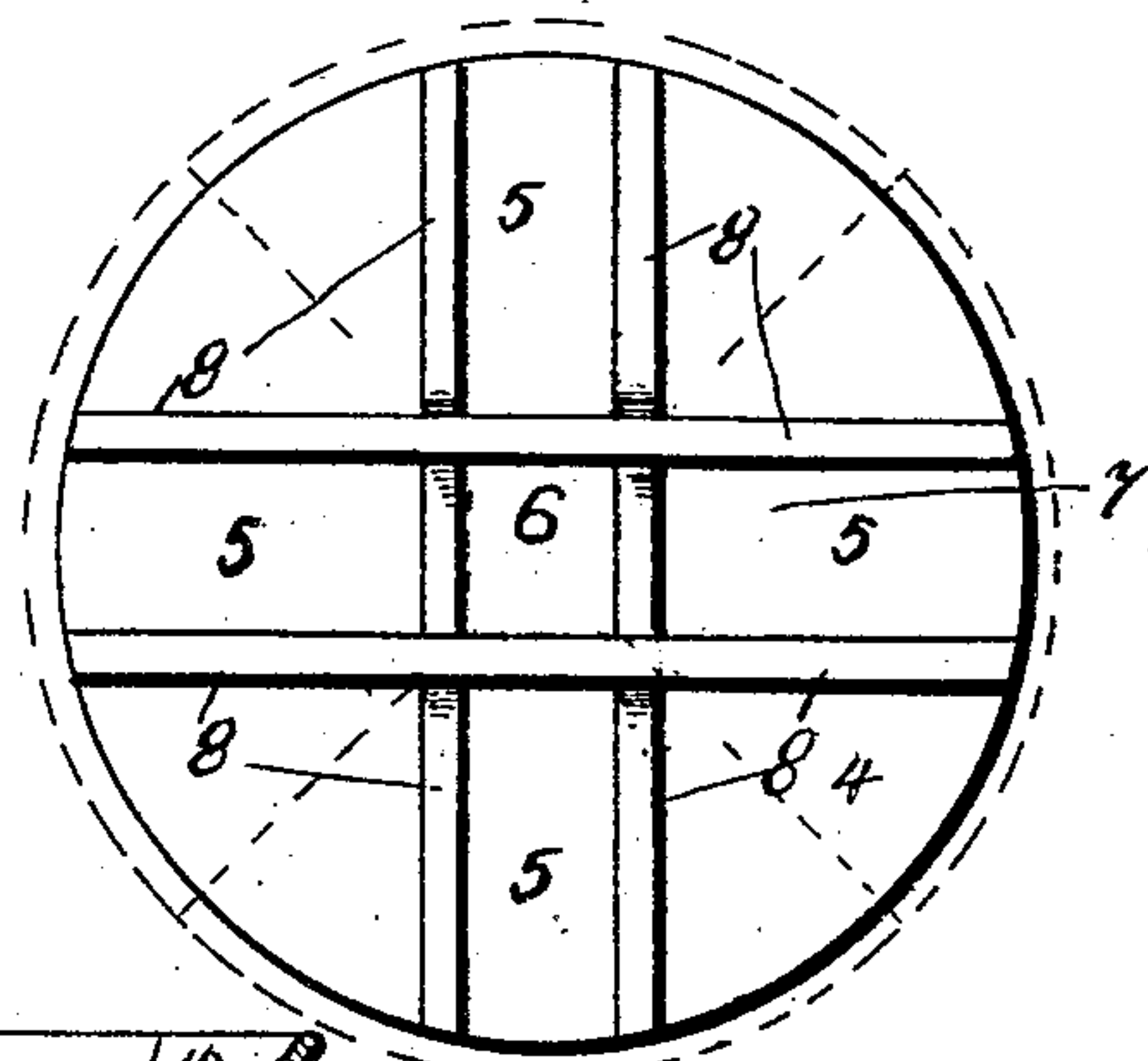


Fig. 4

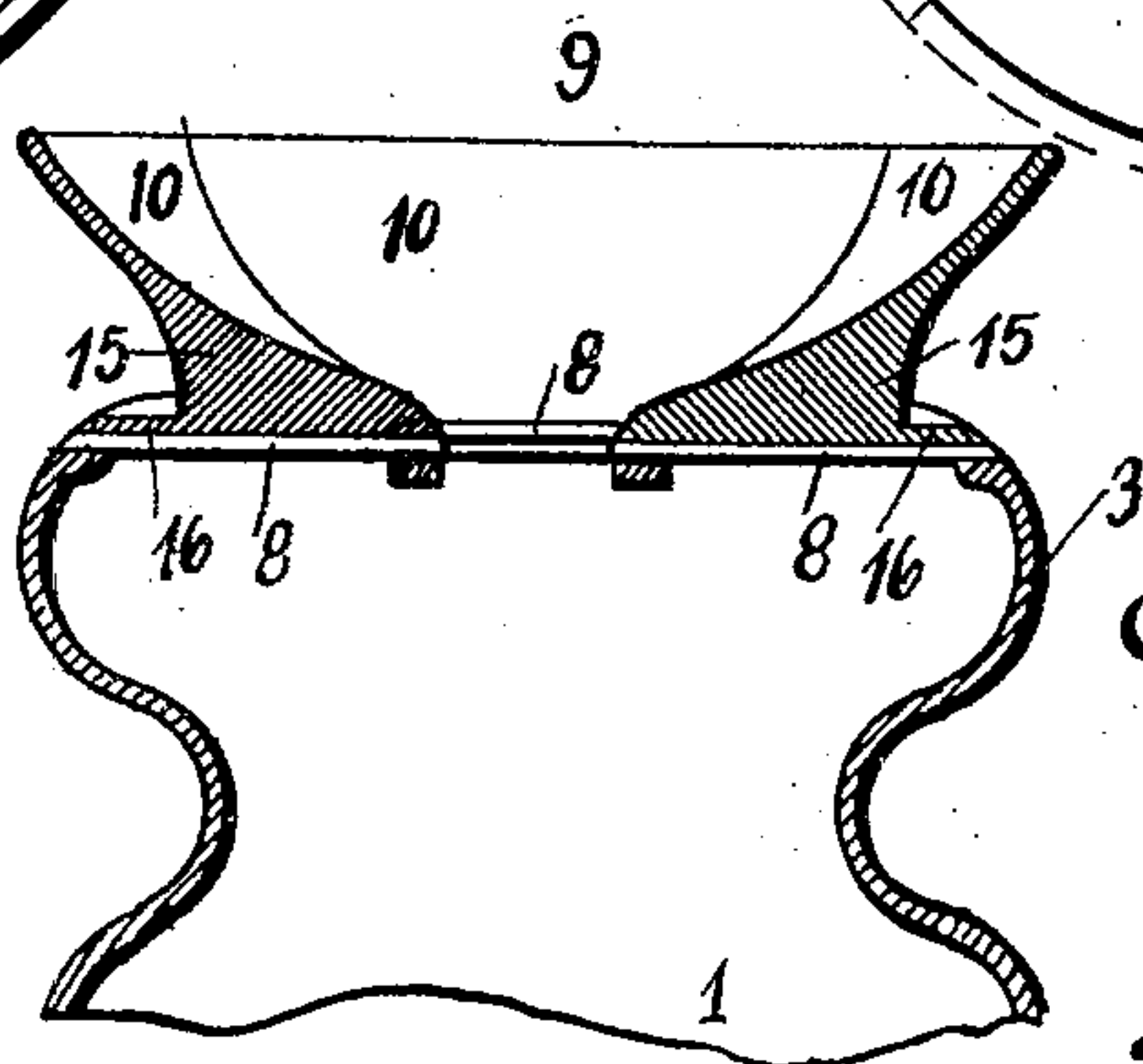


Fig. 5.

Witnesses:
C. Mortensen.
J. H. Butler.

Inventors.
Patrick Madden & G. Pfender.
by H. C. Ernst & Co.
Attorneys.

UNITED STATES PATENT OFFICE.

PATRICK L. MADDEN AND GEORGE PFENDER, OF PITTSBURG, PENNSYLVANIA.

CUSPIDOR.

No. 814,385.

Specification of Letters Patent.

Patented March 6, 1906.

Application filed October 2, 1905. Serial No. 281,098.

To all whom it may concern:

Be it known that we, PATRICK L. MADDEN and GEORGE PFENDER, citizens of the United States of America, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Cuspidors, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to certain new and useful improvements in cuspidors; and the object of the invention is to provide a cuspidor that can be easily and quickly cleansed.

Another object of this invention is to provide a cuspidor which will not spill its contents when upset.

Briefly described, our improved cuspidor consists of a suitable receptacle having an enlarged neck portion, and upon this neck portion a funnel-shaped structure is detachably mounted, which consists of substantially sector-shaped members adapted when placed together to form the funnel of the cuspidor and supported on tracks resting on the upper end of the neck portion of the body. The funnel members are so constructed that they can be easily and quickly removed in order to permit of easy access being had to the interior of the cuspidor.

The above construction will be hereinafter more fully described and then specifically pointed out in the claims, and referring to the drawings accompanying this application like numerals of reference designate corresponding parts throughout the several views, in which—

Figure 1 is a side elevation of our improved cuspidor. Fig. 2 is a perspective view of one of the funnel members. Fig. 3 is a top plan view of the funnel members assembled. Fig. 4 is a top plan view of the upper portion of the cuspidor, the funnel members thereof being removed; and Fig. 5 is a vertical sectional view of the cuspidor, the receptacle thereof being broken away.

To put the invention into practice, we construct our improved cuspidor of a receptacle 1, having a suitable base-plate 2. The receptacle 1 is provided with a neck portion 3, the top of which is open, as at 4. In the top of the neck portion 3 we construct a plurality of tracks 5, which are arranged at right angles to one another to form the substantially rectangular opening 6. Each track consists

of substantially channel-shaped rails 8 8, one of these rails being shown in edge view in Fig. 5 of the drawings.

The funnel portion 9 of the cuspidor is formed by four funnel members 10, each of which conforms substantially to a sector having a quadrant arc. Each funnel member consists of a curved plate 11, which conforms to a quadrant, with the exception that the vertex of its radiating sides is cut away, as at 12, whereby when the four funnel members 10 are mounted upon the cuspidor a substantially funnel-shaped portion will be provided having a central rectangular opening 14. Each of the plates 11 is supported by a web portion 15, which carries a plate 16, adapted to slide between the rails 8 8 of each of the tracks 5. The outer edges of each plate 16 may be provided with notches to facilitate the removal of said plates from the tracks 5 of the cuspidor.

By the construction of the funnel portion 9 of the cuspidor it is possible to remove each one of the funnel members 10 to permit of easy access being had to the receptacle 1 and the neck portion 3, and by referring to Fig. 1 of the drawings it will be observed that the neck portion 3 is of a peculiar formation, which is adapted to prevent the contents of the cuspidor from being ejected therefrom when it is upset or tilted.

In practice it is seldom that a cuspidor is entirely filled, and the capacity of one side of the cuspidor is adapted to be equivalent to approximately one-half the capacity of the receptacle 1, whereby when the cuspidor is upset it will be impossible for the contents to be ejected from the opening 14 of the cuspidor, except when the entire receptacle portion 1 of the cuspidor is filled.

We preferably construct our improved cuspidor of a strong and durable metal, which may be polished to present a neat appearance wherever the cuspidor is used.

It is thought from the foregoing that the construction, operation, and advantages of the herein-described cuspidor will be apparent without further description.

What we claim, and desire to secure by Letters Patent, is—

1. In a cuspidor the combination with a suitable receptacle having an open-neck portion, tracks carried by said neck portion and separable quadrant-shaped funnel members

supported by and movable radially on said tracks, substantially as described.

2. In a cuspidor, the combination with a receptacle having an open-neck portion, of
5 tracks supported by said neck portion, separable quadrant-shaped funnel members adapted to slide in said tracks and when in contact to form the funnel of said cuspidor, substantially as described.

10 3. A cuspidor of the character described consisting of a receptacle having an open-neck portion, a plurality of separable quadrant-shaped funnel members carried by said neck and forming when assembled the funnel
15 of the cuspidor and means to detachably connect said members to said neck, substantially as described.

4. A cuspidor consisting of a receptacle, tracks carried by said receptacle, separable
20 quadrant-shaped funnel members adapted to

slide in said tracks and forming when assembled the funnel of the cuspidor, substantially as described.

5. A cuspidor consisting of a receptacle having a funnel-shaped opening, said funnel-shaped opening being formed by a plurality
25 of separable quadrant-shaped members, substantially as described.

6. A cuspidor consisting of a receptacle, a plurality of separable quadrant-shaped members carried by said receptacle and adapted
30 to form the top and receiving-opening thereof, substantially as described.

In testimony whereof we affix our signatures in the presence of two witnesses.

PATRICK L. MADDEN.
GEORGE PFENDER.

Witnesses:

E. E. POTTER,
M. E. WHITE.