

W. B. LIBBY.
WELL OR CISTERN TOP.
APPLICATION FILED DEC. 14, 1905.

912,477.

Patented Feb. 16, 1909.

Fig. 1.

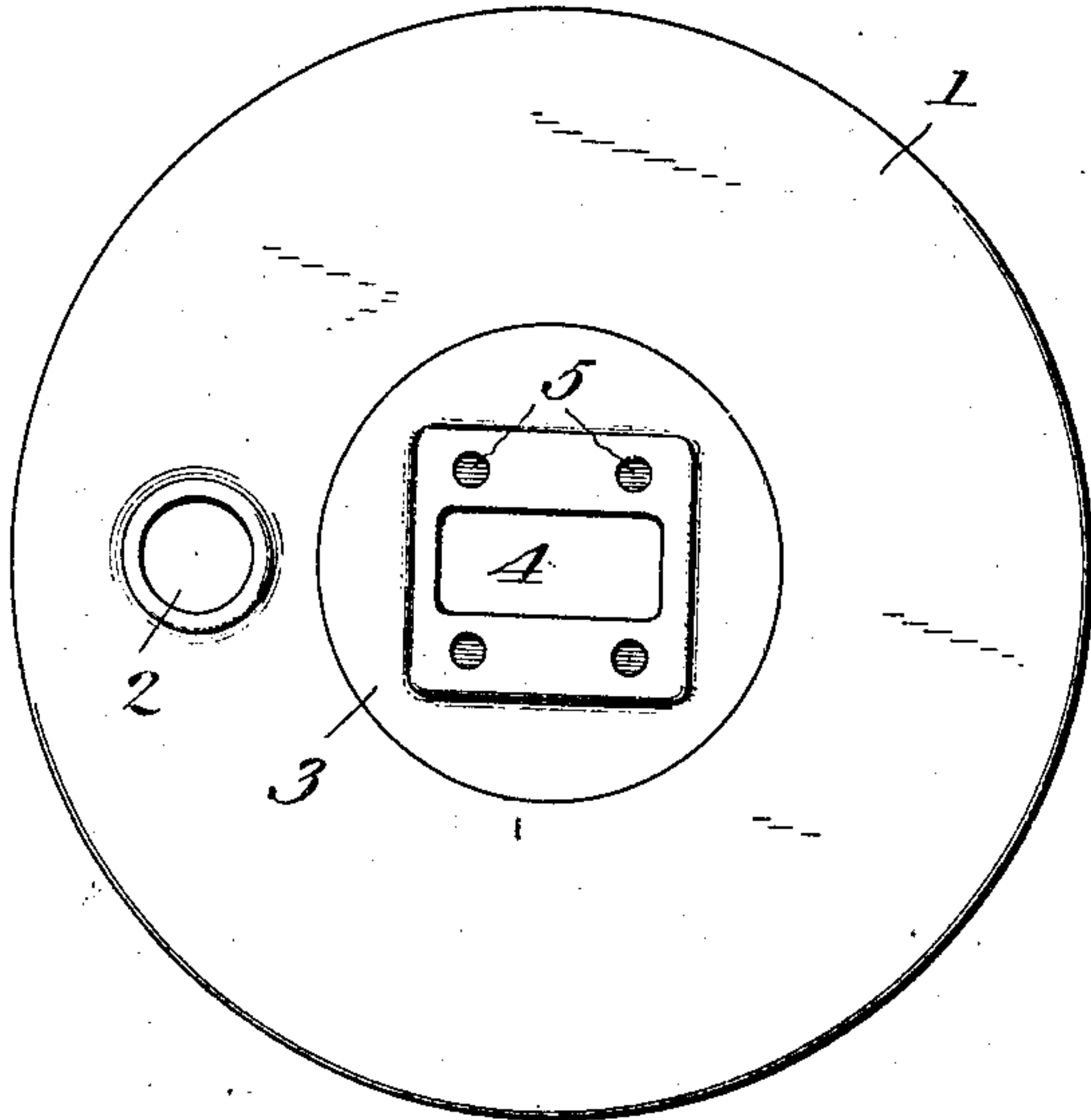


Fig. 4.

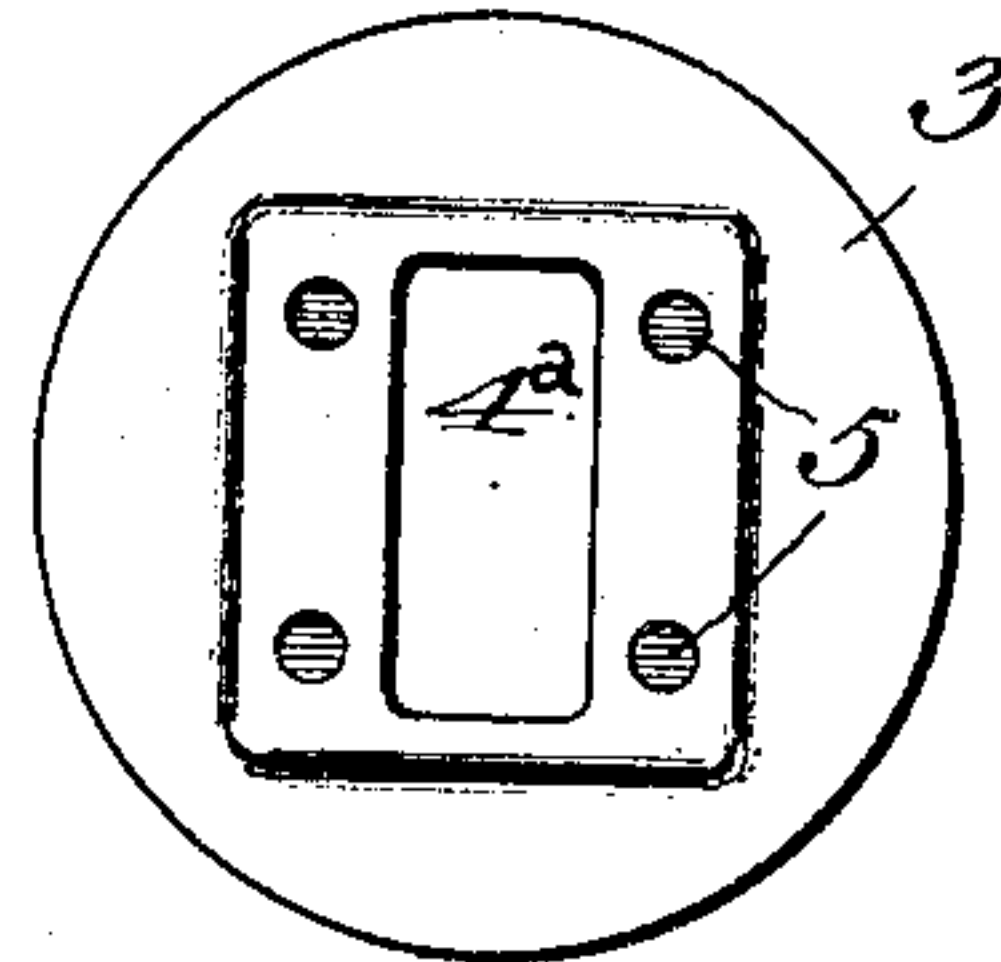


Fig. 2.



Fig. 5.

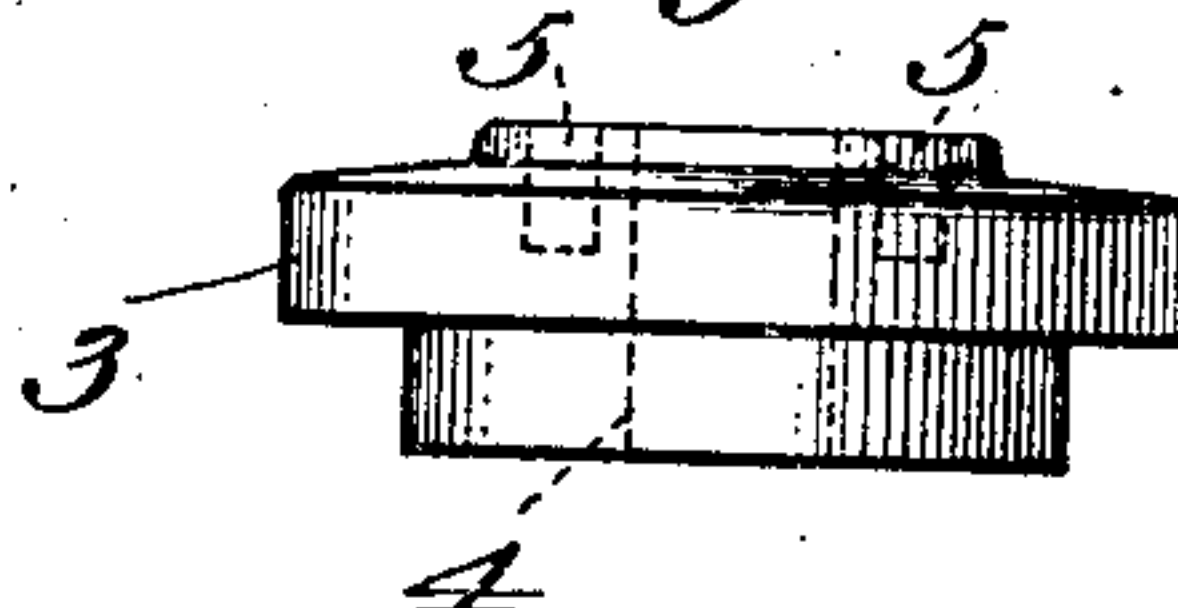


Fig. 3.

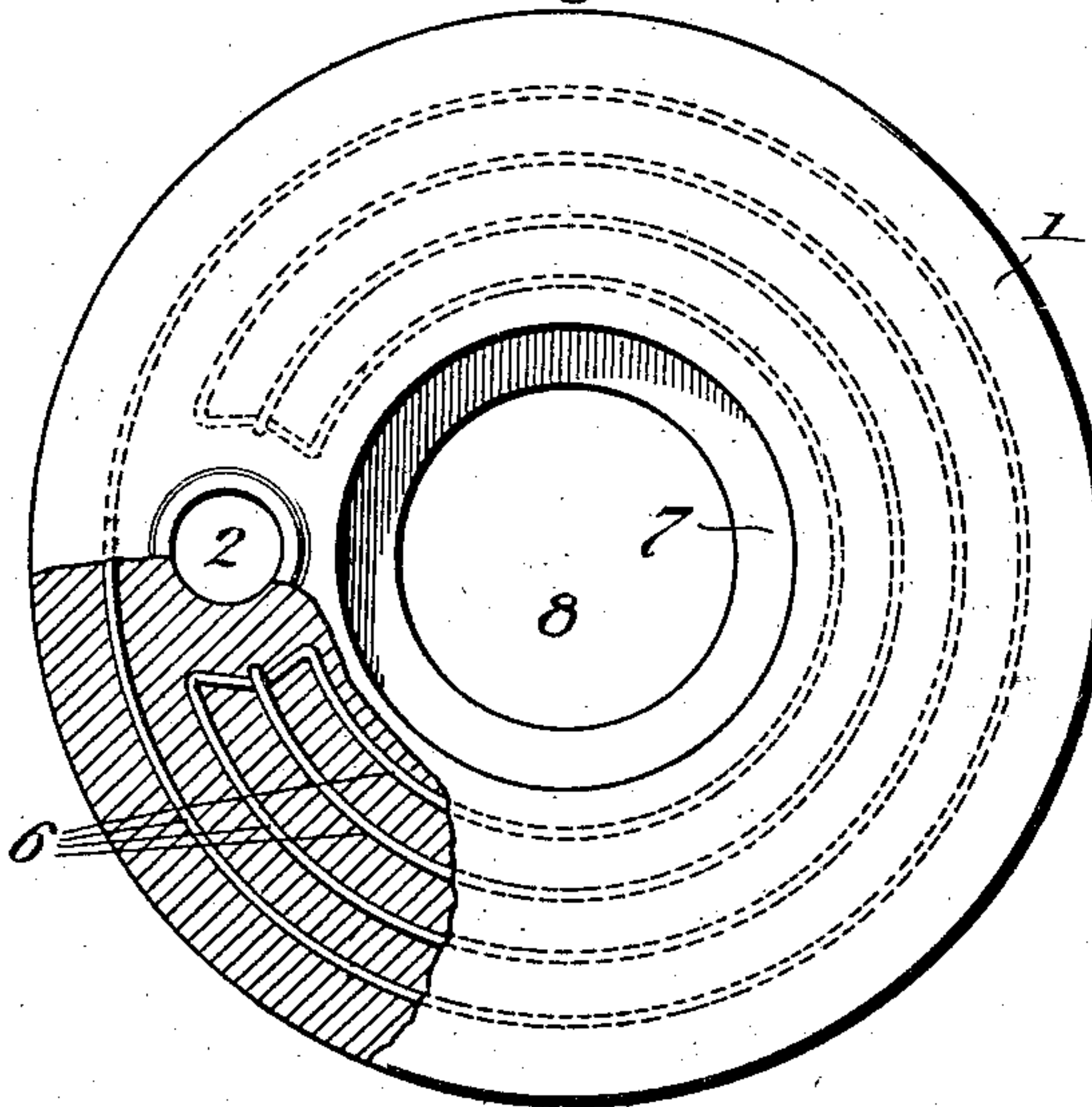
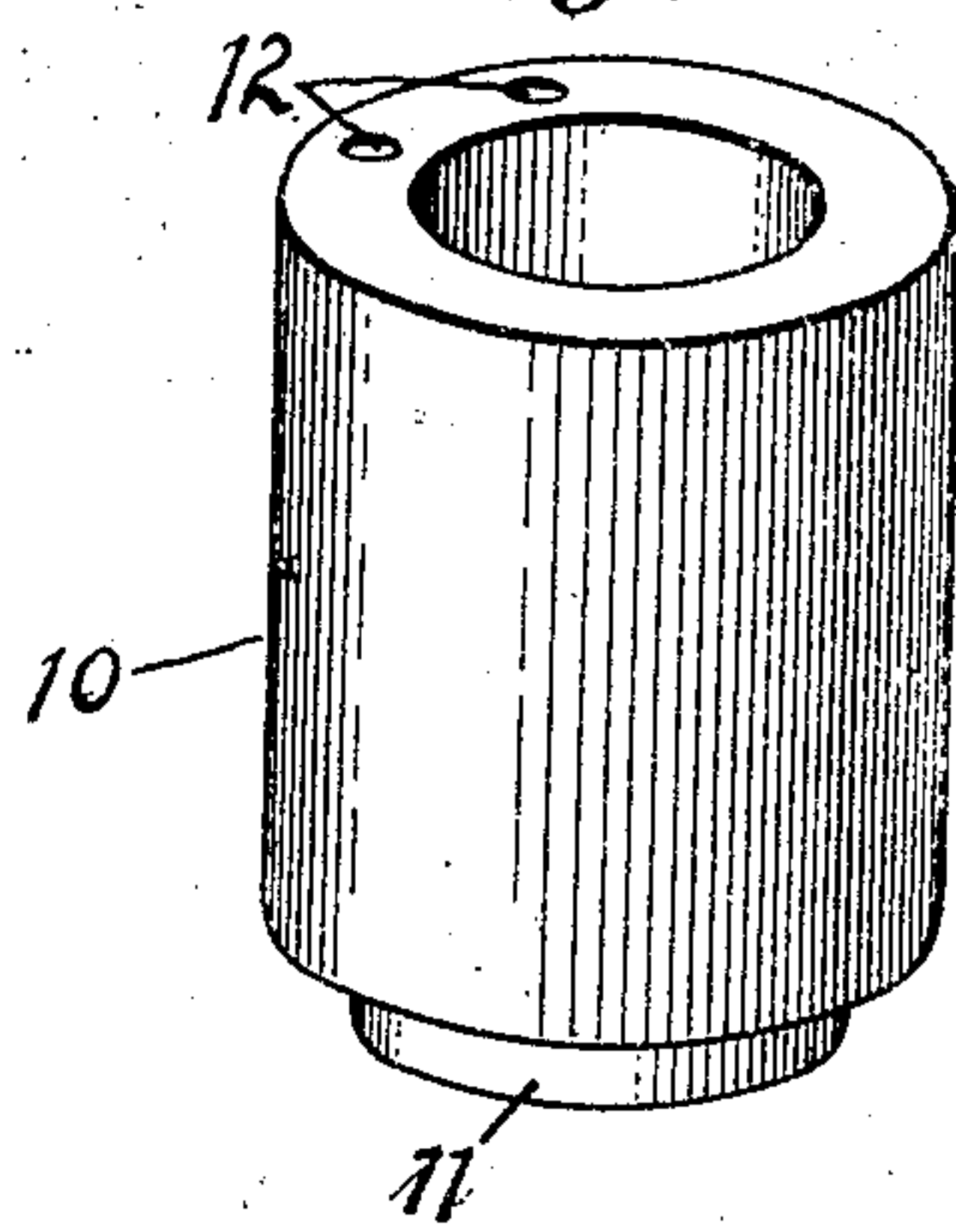


Fig. 6.



Witnesses:

James O. Barrow
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Inventor,

Wallace Barrett Libby

UNITED STATES PATENT OFFICE.

WALLACE BARRETT LIBBY, OF VANDALIA, MISSOURI.

WELL OR CISTERN TOP.

No. 912,477.

Specification of Letters Patent.

Patented Feb. 16, 1909.

Application filed December 14, 1905. Serial No. 291,800.

To all whom it may concern:

Be it known that I, WALLACE B. LIBBY, a citizen of the United States, residing at Vandalia, in the county of Audrain and State of Missouri, have invented certain new and useful Improvements in Well or Cistern Tops, of which the following is a specification.

This invention relates to well or cistern tops, and more particularly to an armored cement or concrete well or cistern top.

The object of my invention is to provide an armored concrete or cement top for wells and cisterns, and to construct the same in such a manner that it will be perfectly sanitary, easily and quickly set in place, also durable and convenient in use.

A further object of my invention is to provide a top or cover of the character above described and to construct the same in such a manner that easy access may be had to a well or cistern equipped with the same.

In brief my invention consists in the particular construction of the various parts, and in the novel manner of combination and arrangement of said parts, all of which will be hereinafter more fully described and specifically pointed out in the appended claim.

In the drawings forming a part of this specification: Figure 1, is a top plan view, Fig. 2, is a view in side elevation, Fig. 3, is a top plan view with the disk removed, and partly in section, Fig. 4, is a top plan view of the disk, Fig. 5, is a side elevation of the disk, and Fig. 6, is a perspective view of the sleeve to be used in place of the disk.

Referring by numerals to the drawings, 1 represents the major portion of the top or cover consisting of a round plate having a central aperture 8, provided with a shoulder 7, the object of which will hereinafter appear. This plate is further provided with a small aperture 2, to be used as a vent, or for the reception of a down spout, as may be desired. Located in the wall of this plate is a series of circular steel rods 6, preferably near the bottom surface which lend strength and rigidity to the structure. A portion of these rods are

intercepted by the aperture 2, and at such interception they are connected together so as to strengthen the construction around the aperture. Fitting into the aperture 8, and resting upon the shoulder 7, is a disk or plug 3, having a flange 4, and provided with an opening 4^a, for the reception of a pump, and further with a series of lead plugs 5, by means of which the pump may be secured in position.

In Fig. 6, I have shown a modified form of my invention consisting of a sleeve 10, having a flange 11, adapted to fit snugly in the aperture 8, and to rest upon the shoulder 7. This sleeve may be of any desired length and is provided in its upper ring with lead plugs 12, to which a top may be secured. This construction is to be used in lieu of the disk in places where a pump is not desired.

Having thus described the various features of my invention, what I claim as new and desire to secure by Letters Patent, is:

A well or cistern top comprising a plate having central thereof a large circular opening provided with an offset, and a small opening located between said central opening and the outer side of the cover, said plate having embedded therein a series of reinforcing bands all located in the same plane between said central opening and the outer edge of the plate, certain of said bands being intercepted by said smaller opening in the plate, and said intercepted bands being connected together at the sides of said opening to strengthen the structure around said opening; and a plug adapted to fit in said central opening and to rest upon the offset therein, said plug having central thereof an opening and means surrounding the opening for securing a pump to the plug.

In testimony whereof I have signed my name to this specification in presence of two subscribing witnesses.

WALLACE BARRETT LIBBY.

Witnesses:

O. A. KENDALL,
J. O. BARROW.