

No. 751,525.

PATENTED FEB. 9, 1904.

G. F. LIEBROCK.
BUNG LOCK.

APPLICATION FILED MAY 25, 1903.

NO MODEL.

Fig. 1.

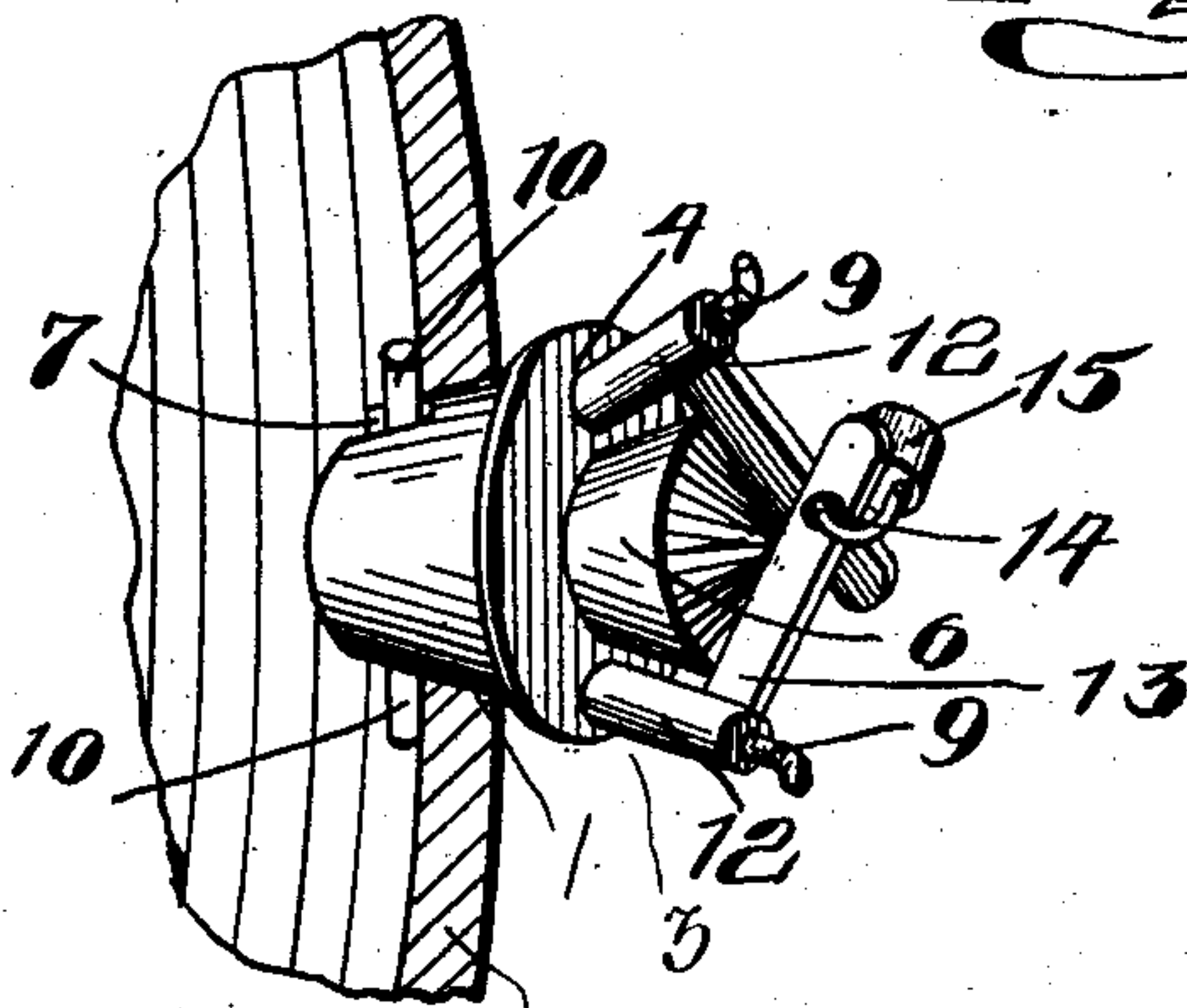


Fig. 2.

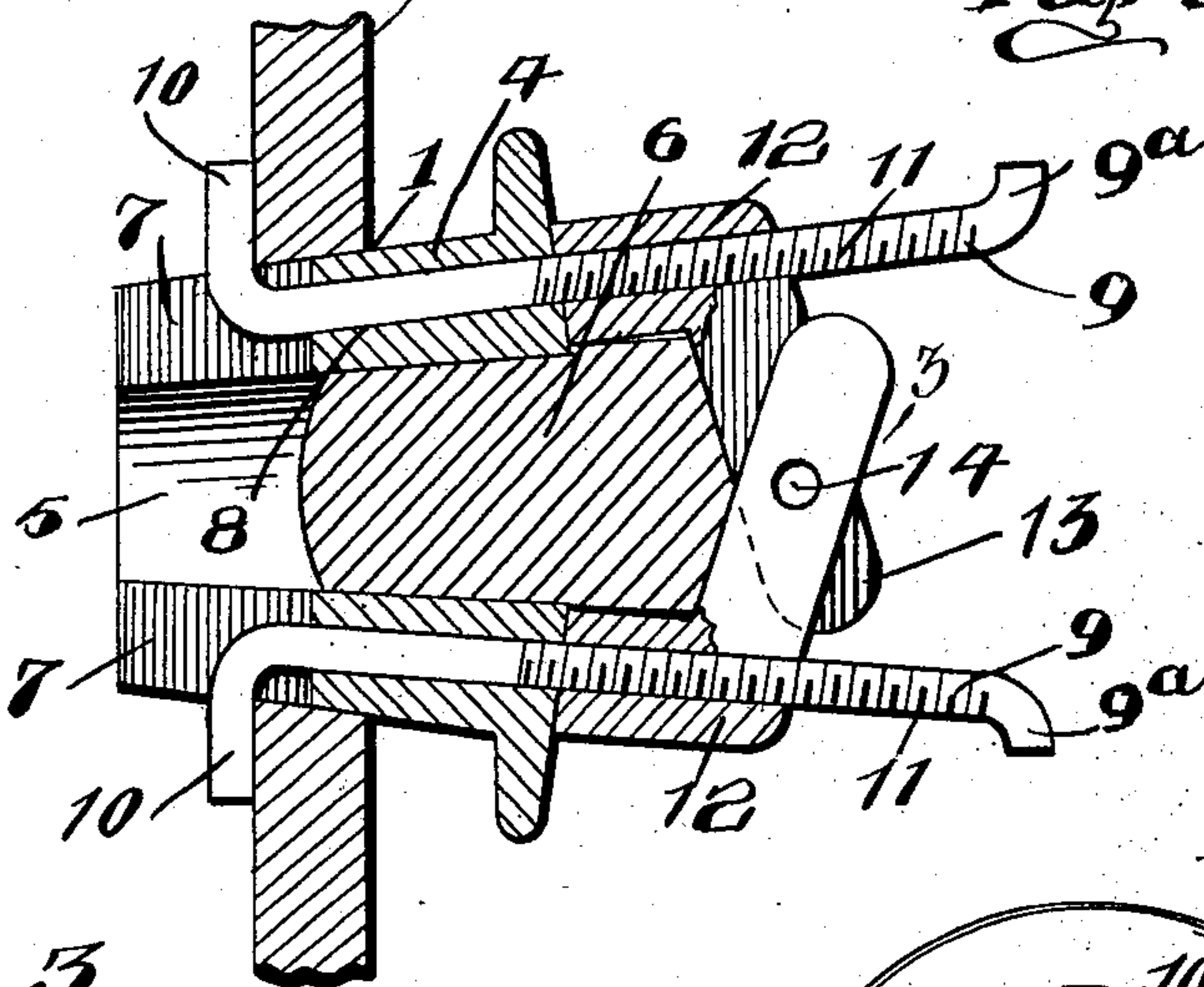


Fig. 4.

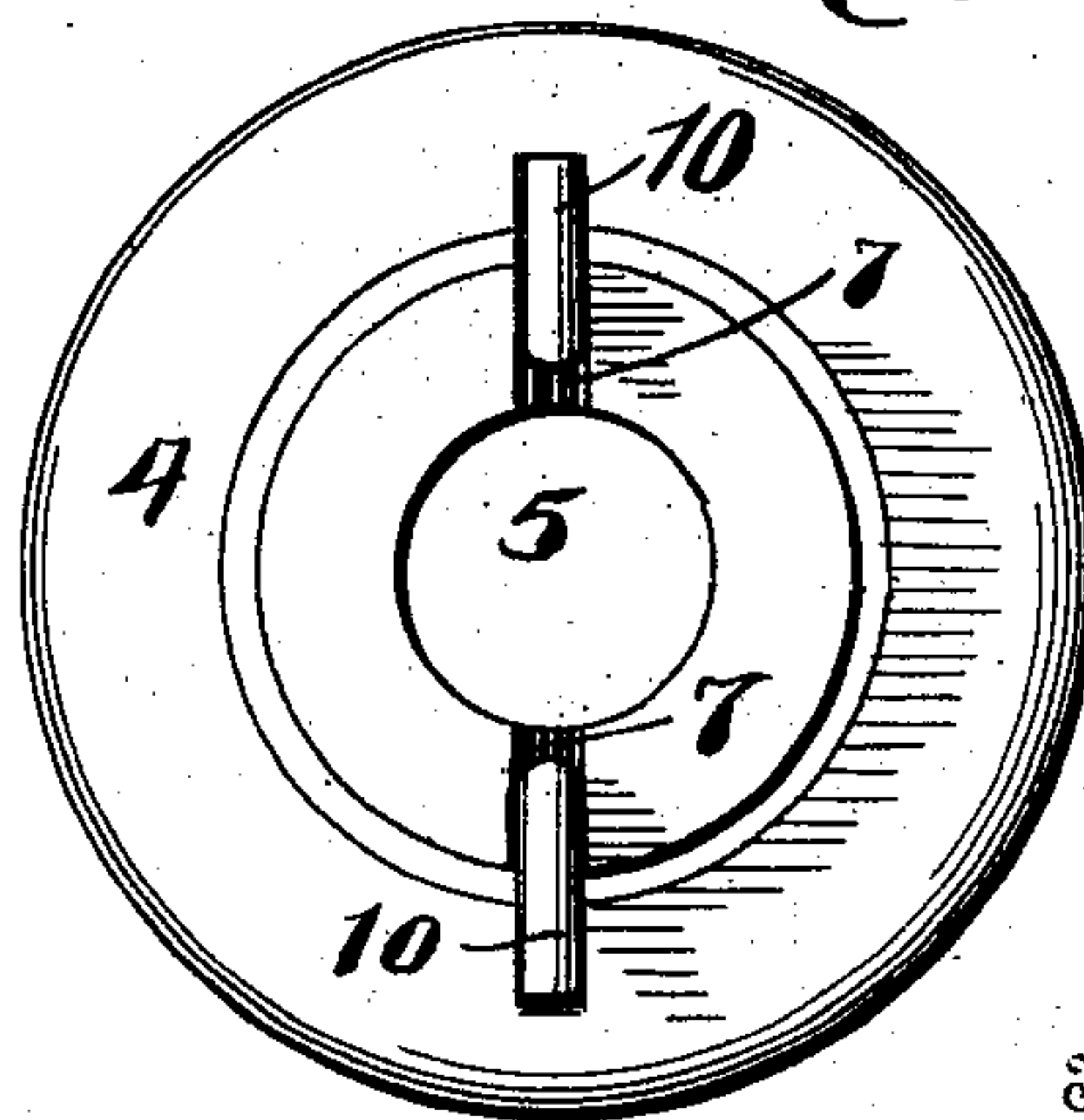
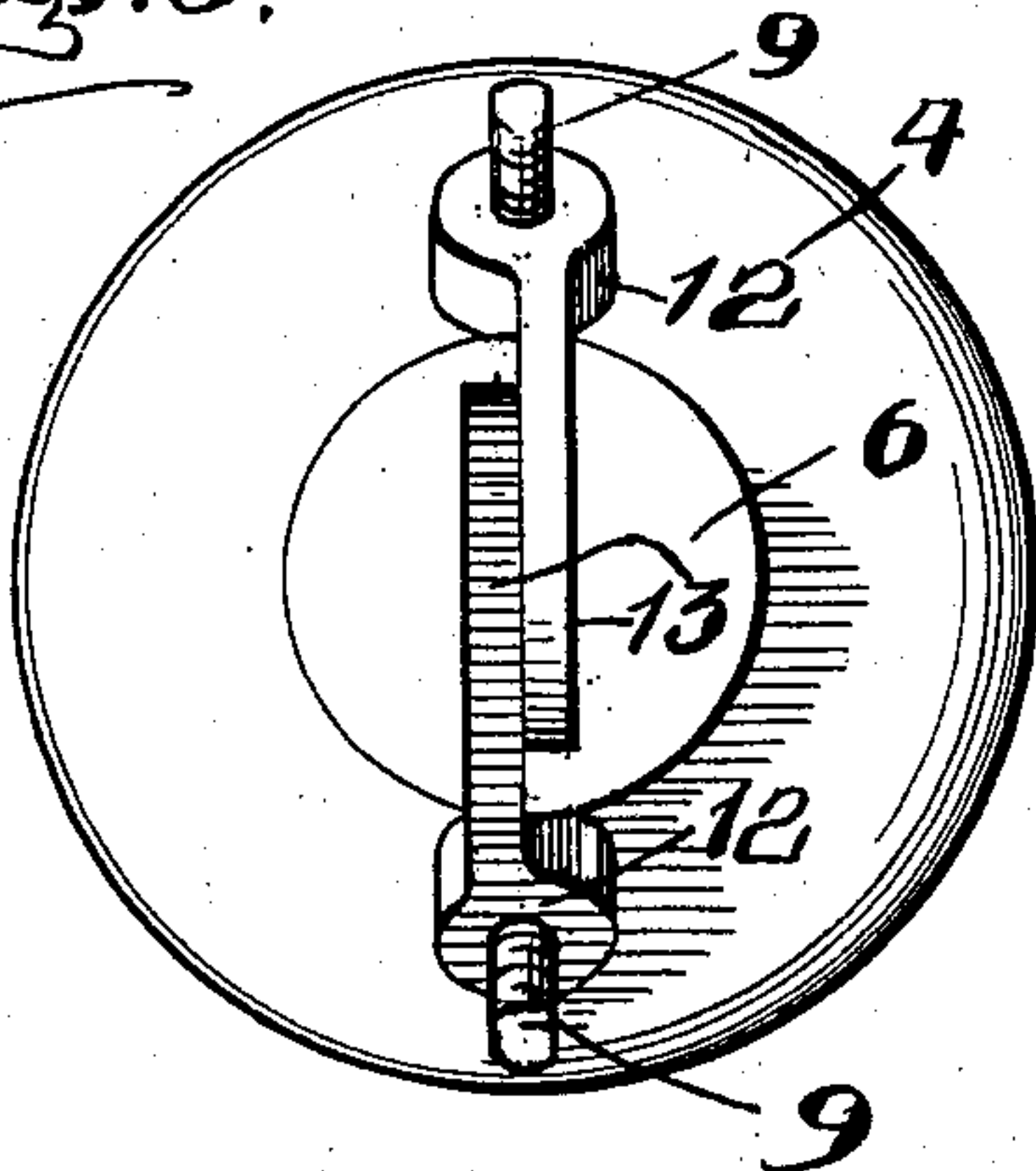


Fig. 3.



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BUNG-LOCK.

SPECIFICATION forming part of Letters Patent No. 751,525, dated February 9, 1904.

Application filed May 25, 1903. Serial No. 158,695. (No model.)

To all whom it may concern:

Be it known that I, GEORGE F. LIEBROCK, 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 Bung-Locks; and I do 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.

This invention relates to certain new and and useful improvements in locks for securing bungs or stoppers in barrels, casks, or other containers. Its object is to produce a device of this character which is simple in construction, comparatively inexpensive of production, and well adapted for the use intended.

With these and other objects in view the invention consists of certain novel features of construction, combination, and arrangement of parts, as will be more fully described, and particularly pointed out in the appended claims.

In the drawings, Figure 1 is a perspective view of a bung or stopper lock embodying my invention. Fig. 2 is a vertical sectional view through the same, showing it applied to a barrel or other container. Fig. 3 is a top plan view of the device. Fig. 4 is a bottom plan view of the same.

Referring to the drawings by numerals, 1 denotes the bung hole or opening in a barrel or other container 2, and 3 my improved locking device.

4 denotes a tapered bushing or plug adapted to engage the bung-hole 1 and formed with a central opening 5, which is closed by the bung or stopper 6. The inner or smaller end of this tapered bushing 4 is provided with two slots 7, disposed at diametrically opposite points. 8 denotes two vertically-disposed apertures which communicate with said slots.

9 denotes two clamping members or dogs which extend through the apertures 8. The lower ends of these dogs are provided with the bent or hooked ends 10, which, as seen in Fig. 2, are adapted to engage the inside of the barrel 2. The outer ends of the dogs 9 are screw-threaded, as shown at 11, and are adapted to receive the wing-nuts 12. The extreme upper

ends of the dogs are upset or bent, as indicated at 13, to prevent the nuts 12 from being removed.

The nuts 12 when screwed down upon the bushing are adapted to draw upon the dogs 9 in order to clamp or secure the bushing in the bung-hole of the barrel. The angularly-projecting wings or arms 13 of said nuts 12 are adapted to be swung over the top of the bung or stopper 6 to hold the same in the opening 5 in the bushing. Each of these wings 13 is provided with an aperture 14, through which the bail of a padlock or other fastening device 15 may be passed in order to lock the bung in the bushing and the bushing in the bung-hole.

In applying the device to the bung-hole or opening in a barrel or other receptacle the nuts 12 are screwed to the upper ends of the dogs 9 in order to permit the hooked ends 10 of the latter to be lowered in the slots 7 and swing inwardly. After the bushing is once in place the hooks 10 are swung outwardly to engage the inside of the barrel, and the wing-nuts 12 are then screwed down upon the top of the bushing to draw upon the dogs, and thereby clamp the bushing to the barrel. The bung or plug 6 is then placed in the opening 5, and the wings 13 are swung over the same, so that the openings 14 register. The locking device 15 is then used to lock the parts, as will be readily understood.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

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

1. In a device for closing bung-holes, the combination of a tapered bushing formed with a central opening, slots and apertures communicating with said slots, a bung for closing said central opening, clamping members or dogs in said apertures, formed with hooks

to engage said slots and to clamp the bushing
in the bung-hole and binding-nuts upon said
clamping members or dogs, said nuts being
provided with wings or arms adapted to be
5 swung over the bung to hold the same in the
bushing, substantially as described.

2. In a device for closing bung-holes, the
combination of a tapered bushing formed with
a central opening, slots and apertures com-
10 municating with said slots, a bung for clos-
ing said central opening, clamping members
or dogs in said apertures, formed with hooks
to engage said slots and to clamp the bushing
in the bung-hole, binding-nuts upon said

clamping members or dogs, said nuts being 15
provided with apertured wings or arms adapt-
ed to swing together and over the bung, and
means adapted to be inserted in the apertures
of the wings for locking or securing the wings
together, substantially as described. 20

In testimony whereof I have hereunto set
my hand in presence of two subscribing wit-
nesses.

GEORGE F. LIEBROCK.

Witnesses:

MATTHEW B. WILLIAMS,
MARINUS REIDSMA.