

No. 766,831.

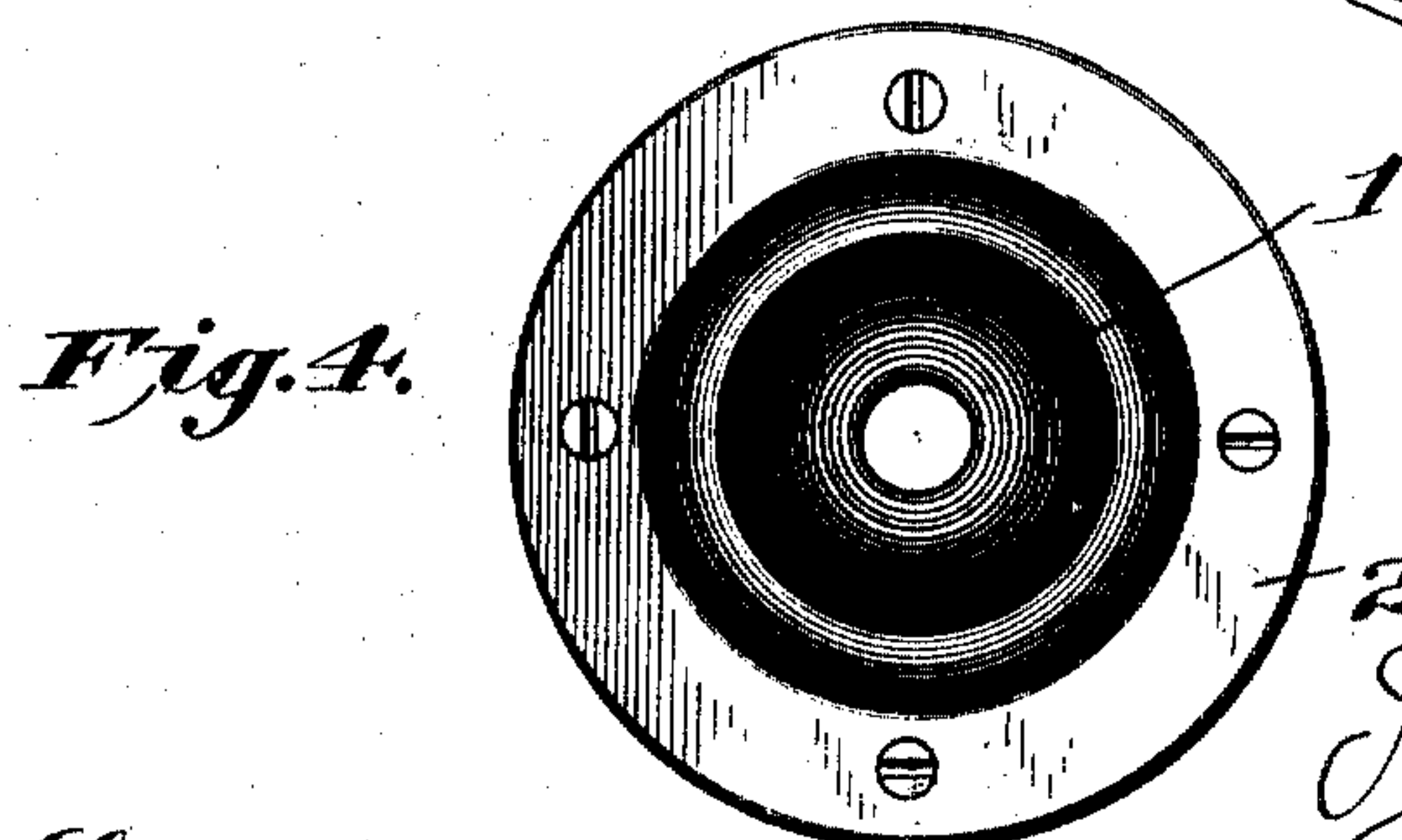
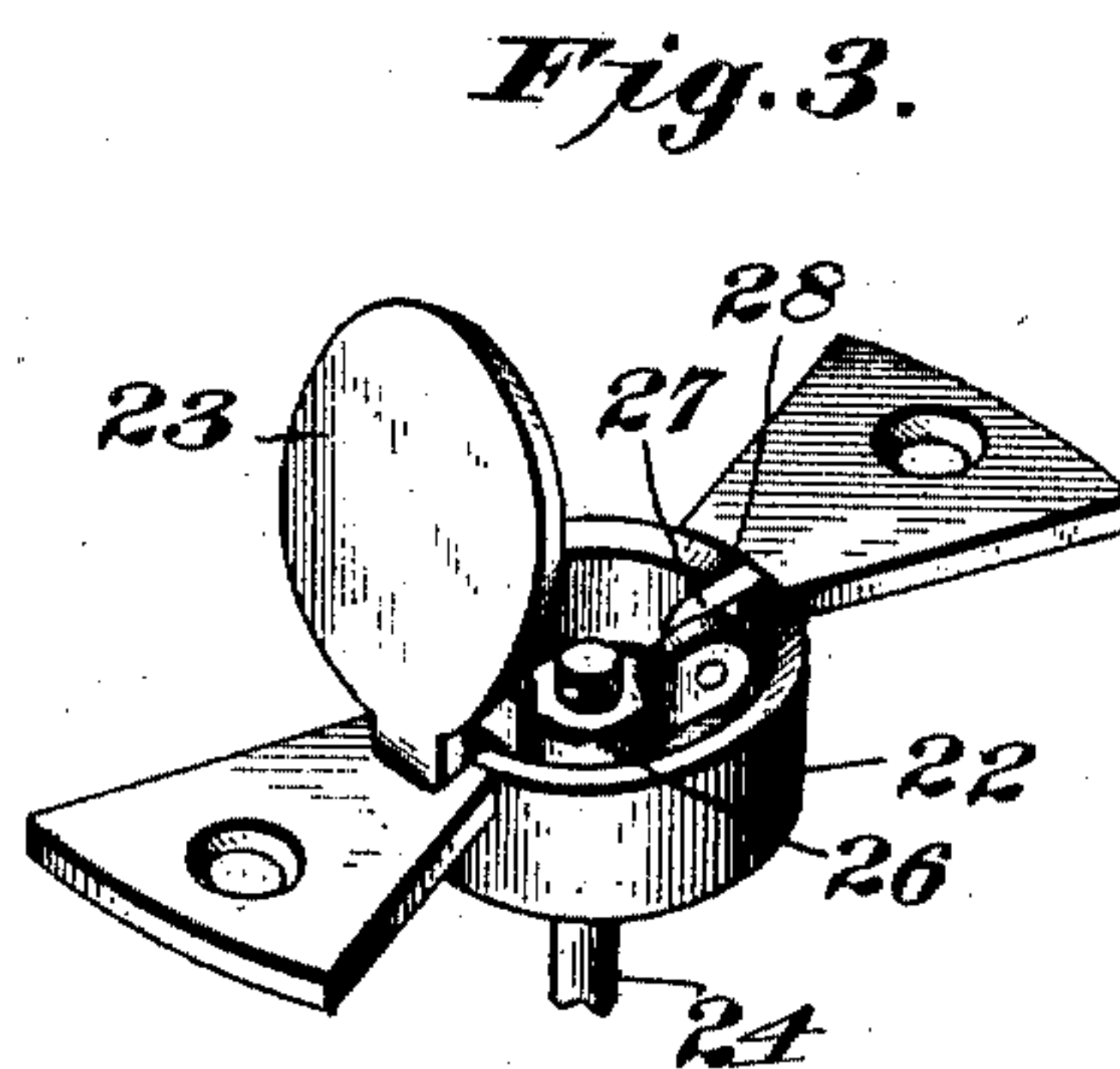
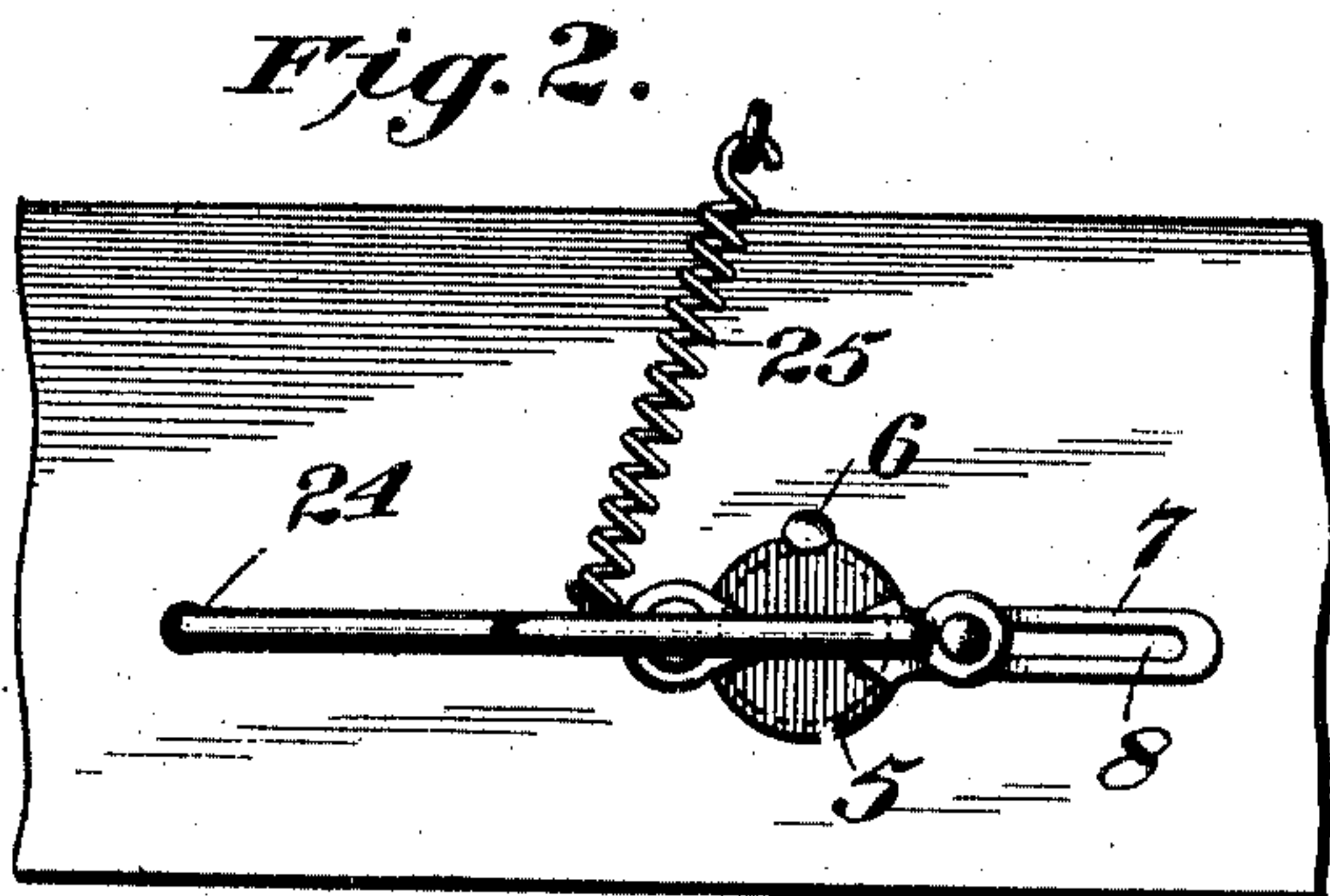
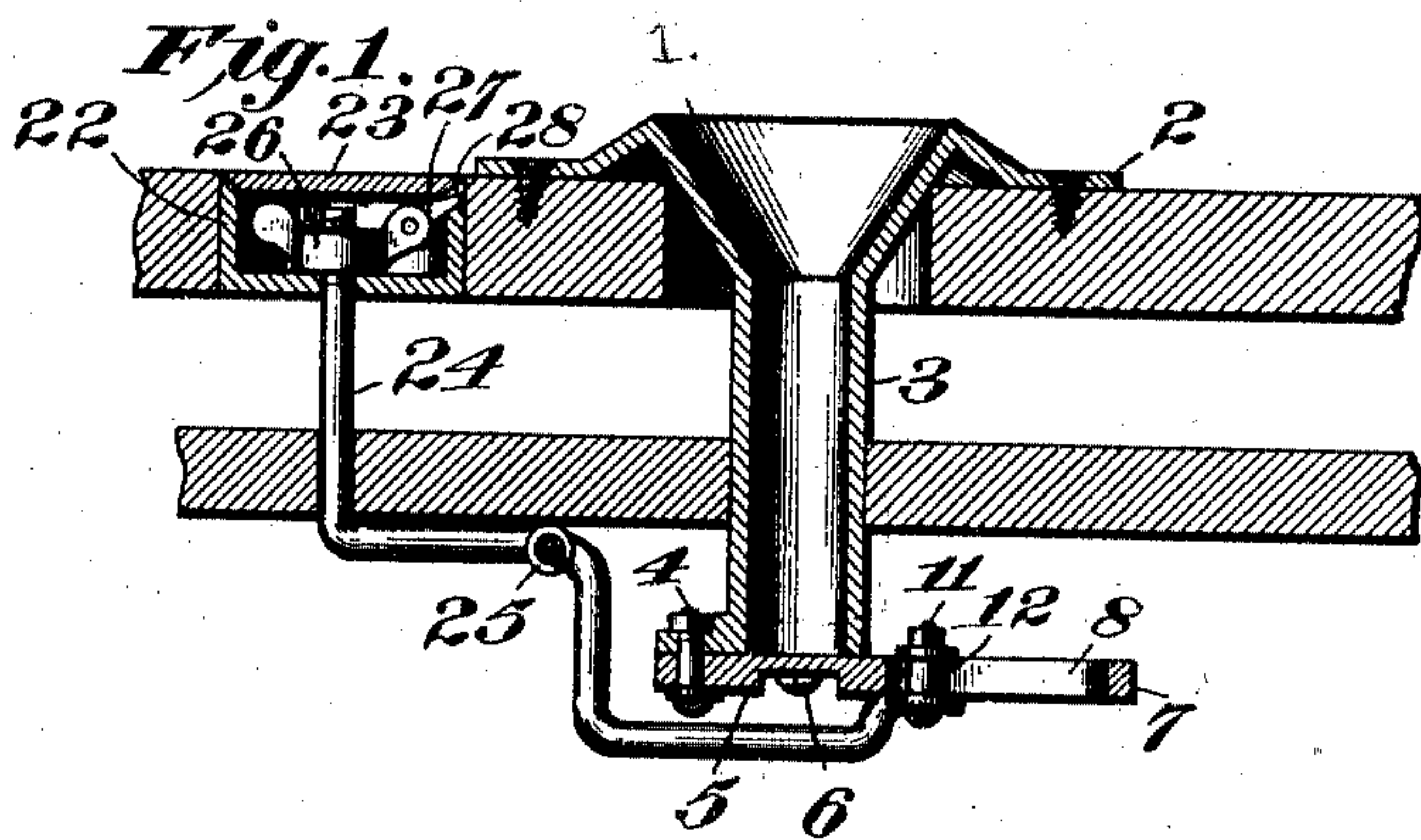
PATENTED AUG. 9, 1904.

J. LOH & J. W. JUNG.

AUTOMATIC SELF CLEANING CUSPIDOR.

APPLICATION FILED MAR. 17, 1903.

NO MODEL.



Witnesses

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UNITED STATES PATENT OFFICE.

JACOB LOH AND JOHN W. JUNG, OF EVANSVILLE, INDIANA.

AUTOMATIC SELF-CLEANING CUSPIDOR.

SPECIFICATION forming part of Letters Patent No. 766,831, dated August 9, 1904.

Application filed March 17, 1903. Serial No. 148,247. (No model.)

To all whom it may concern:

Be it known that we, JACOB LOH and JOHN W. JUNG, citizens of the United States, residing at Evansville, county of Vanderburg, and State of Indiana, have invented certain new and useful Improvements in Automatic Self-Cleaning Cuspidors, of which the following is a specification.

Our invention relates to automatic self-cleaning cuspidors.

The object of our invention is the provision of an improved and novel cuspidor which will automatically clean itself when operated and have means for holding the closure or bottom thereof in open position, so that the cuspidor can be flushed out when desired; and the invention also contemplates the provision of novel means for automatically closing the gate or bottom of the cuspidor when the operating mechanism is released.

The invention comprises certain improved features of construction and novel arrangements and adaptations of parts, all of which are fully set forth hereinafter, and the novel features are embodied in the appended claim.

In the accompanying drawings, Figure 1 is a vertical section of the cuspidor shown applied to the floor of a railway-car; Fig. 2, a bottom plan view; Fig. 3, a perspective detail of the thumb-nut, its casing, and the lock or latch; and Fig. 4, a plan view.

The cuspidor has the top 1, provided with a suitable flange 2, by which it can be secured to the floor, and it is provided with the depending tubular portion 3, at whose lower open end is pivoted on a bolt 4 a gate or valve 5, which is limited to properly close by an overhanging lug 6 on the part 3, and the valve swings in a horizontal plane or laterally. The valve is provided with a radial arm 7, having a slot 8 extending longitudinally thereof.

Sunk in the floor of the car is a box or cas-

ing 22, which has a hinged cover 23. Projecting up into the box, on the bottom thereof and journaled therein and in the lower portion of the floor, is an operating-bar 24, which has a pin or bolt 11 and antifriction-roller 12 to travel in the slot 8 of the arm 7. A spring 25, connected to the bar 24, keeps the valve 5 normally closed against the stop-lug 6. Secured on the threaded end of the bar 24 and in the box 22 is a wing-nut 26, which is used for turning the bar 24 on its journaled portion to open the valve 5 against the closing action of the spring 25, and in order to hold the valve 25 open for purposes of cleansing the cuspidor we provide a latch 27, pivoted to the wing-nut 26 and which can be made to drop into a notch 28 in the casing 22. On release of the latch 27 from the notch 28 the spring 25 will automatically close the valve 5 against the stop-lug 6.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

The combination with a cuspidor having an opening for the cleansing thereof, of a valve for said opening, a spring adapted to close the valve, an operating-bar connected to said valve adapted by turning to open the same against the force of the spring, a casing in which said bar is rotatably mounted having a notch, a handhold on the operating-bar, and a latch pivoted to the handhold for engaging the notch to lock the operating-bar so as to retain the valve in open position.

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

JACOB LOH.
JOHN W. JUNG.

Witnesses:

W. M. WHEELER,
ANNA CONRAD.