

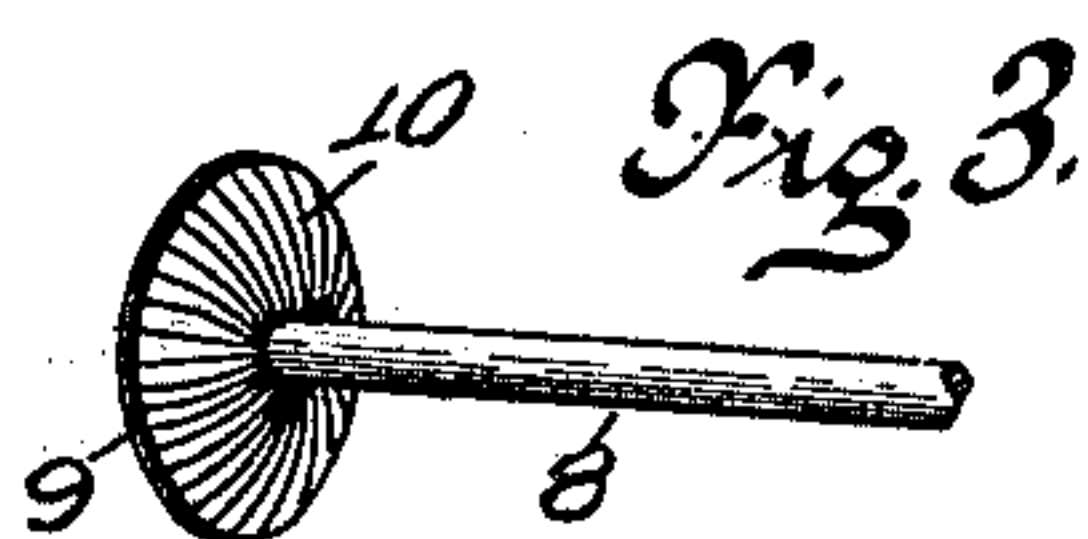
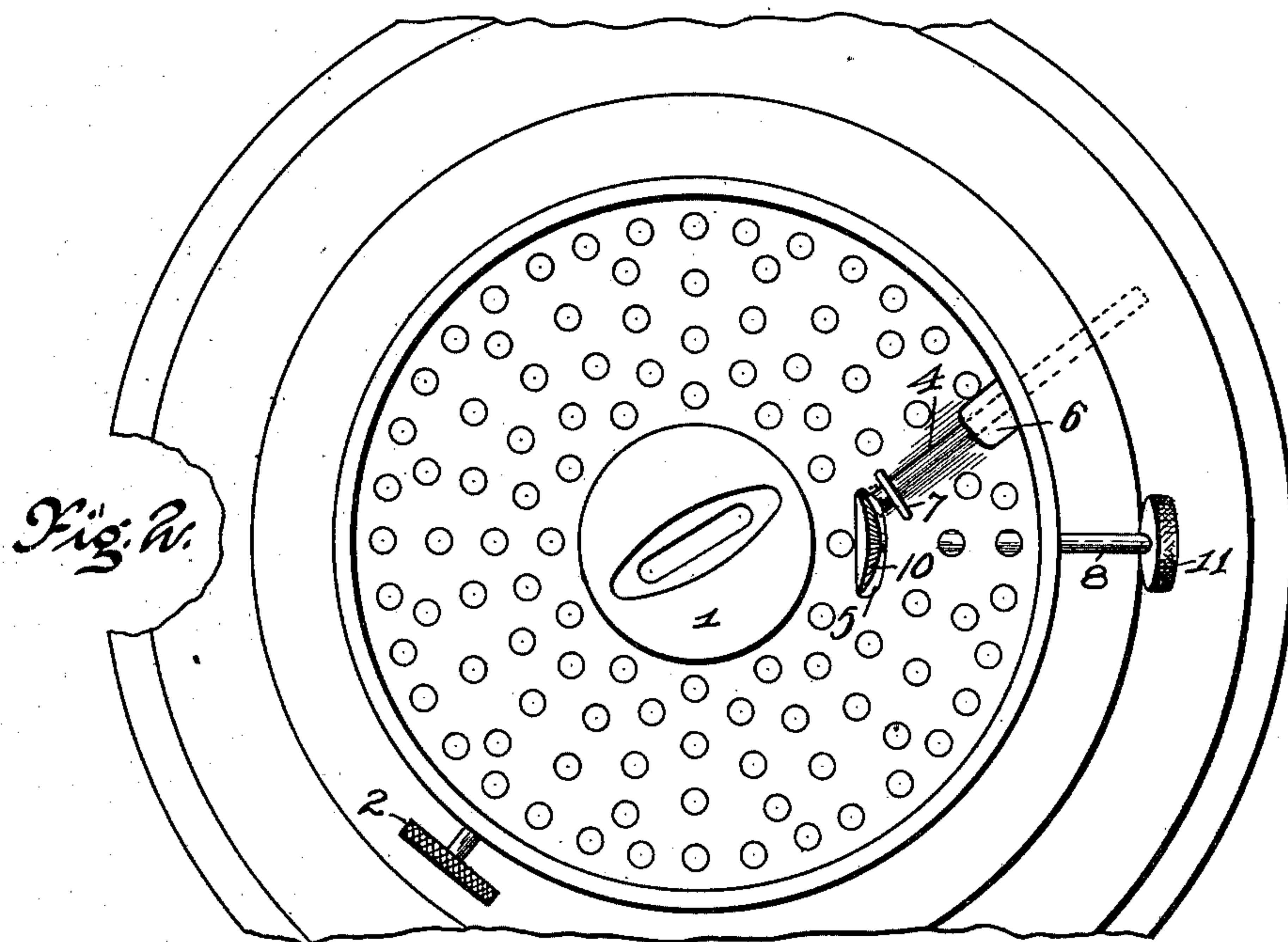
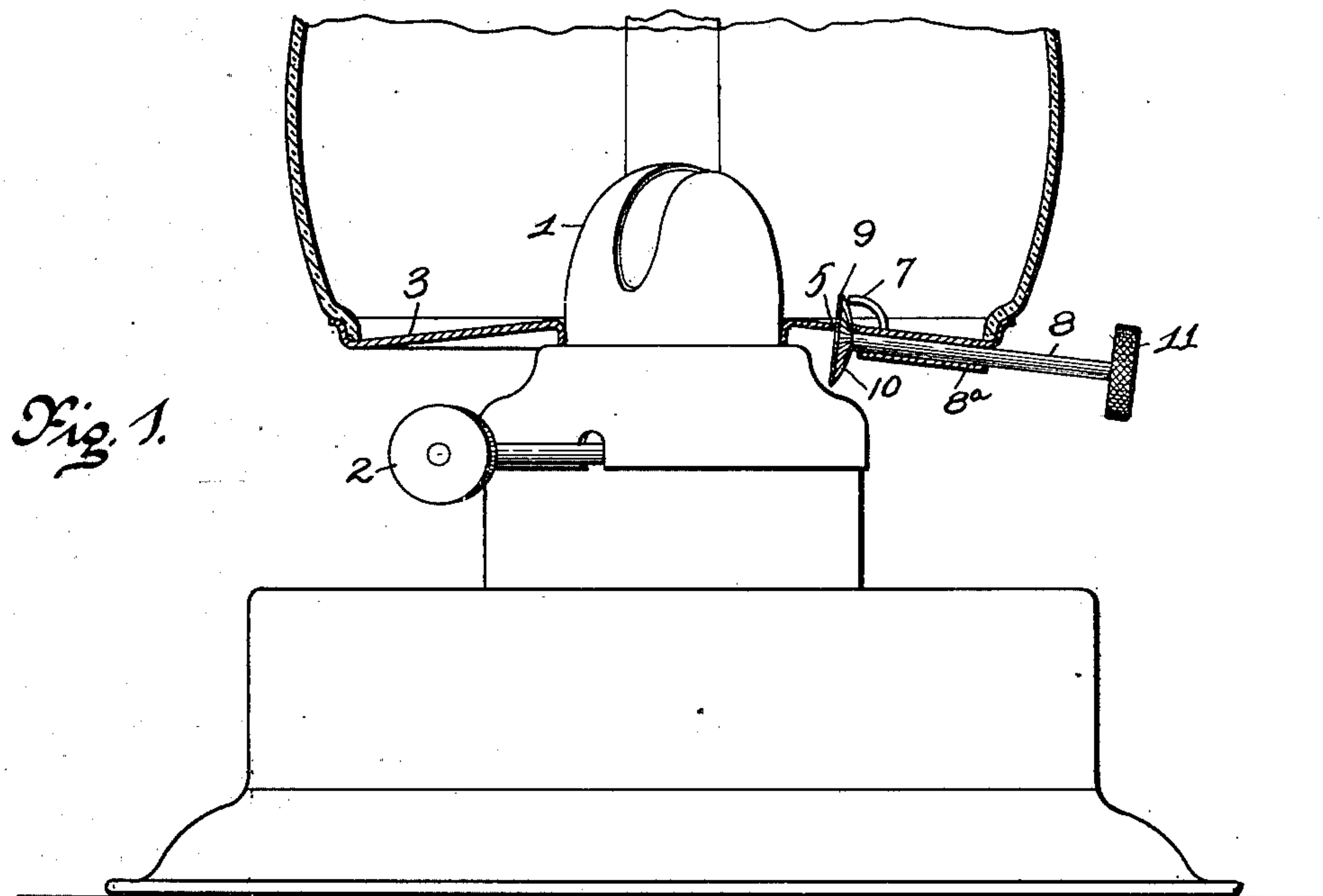
No. 672,790.

Patented Apr. 23, 1901.

F. MEYROSE.
LANTERN IGNITER.

(Application filed Nov. 27, 1900.)

(No Model.)



Witnesses:
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UNITED STATES PATENT OFFICE.

FERDINAND MEYROSE, OF ST. LOUIS, MISSOURI.

LANTERN-IGNITER.

SPECIFICATION forming part of Letters Patent No. 672,790, dated April 23, 1901.

Application filed November 27, 1900. Serial No. 37,946. (No model.)

To all whom it may concern:

Be it known that I, FERDINAND MEYROSE, of the city of St. Louis, State of Missouri, have invented certain new and useful Improvements in Lantern-Igniters, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

This invention relates to lantern-igniters; and it consists of the novel construction, combination, and arrangement of parts hereinafter shown, described, and claimed.

The object of my invention is to produce an improved device whereby a lantern may be ignited by inserting a match through an aperture without removing the glass globe.

Figure 1 is a sectional side elevation of a portion of a lantern having my invention applied thereto. Fig. 2 is a plan view of the same with the glass globe removed. Fig. 3 is a detail view in perspective of a serrated disk and its shaft made use of upon the interior of the glass globe.

Referring by numerals to the drawings, 1 indicates the usual burner, which is attached to the base of the lantern and provided with a common hand-wheel 2 for controlling the wick.

3 indicates the lower support for the glass globe, which is mounted, as usual, upon the burner, but is provided with a downwardly-inclined guiding trough or depression 4, which extends tangentially to a point adjacent the burner, where it terminates in a slot or opening 5. The outer end of said trough terminates in an opening 6, through which a match may be inserted, as hereinafter described. Overhanging the said trough, adjacent the inner end of the latter, is a curved finger 7, the lower end of which is fixed to the globe-support 3.

8 indicates a shaft mounted to revolve in suitable bearings 8^a, and upon the inner end of said shaft is fixed a disk 9, having its outer surface 10 serrated or roughened, and this disk is mounted in said slot 5. Upon the

outer end of said shaft 8 is fixed a thumb-wheel 11 for turning said shaft in its bearings.

The operation is as follows: When it is desired to light the lantern, the operator turns up the wick in the usual manner by means of the wheel 2 and then inserts a match through the opening 6 into the trough 4 and causes the inner end of the match to rest beneath the finger 7, and then the match is ignited by imparting a quick movement to the disk 9 through its shaft 8 and finger-wheel 11, thereby rotating the said disk toward the match and causing its serrated or roughened surface to ignite the match by frictional contact upon the interior of the lantern. After the match has been ignited in the manner described it is removed from under the finger 7 and brought in communication with the wick.

The advantages of my invention will be readily apparent and need not be minutely explained except to say that the lantern may be readily ignited in a windstorm, which is manifestly impossible in lanterns not provided with an interior igniter; also, it is not necessary to remove the glass globe for igniting the lantern.

I claim—

1. A lantern having an igniter consisting of a serrated disk mounted upon a shaft and located adjacent to the burner, a finger adjacent to said disk for holding the match in contact therewith, and means outside the lantern-globe for rotating the disk.

2. The combination of a globe-support having the trough 4, and the opening 6 to receive the match, the finger 7 to retain the match in position, a serrated disk 9 adjacent to said finger, and means upon the exterior of the lantern for rotating said disk to ignite the match, substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

FERDINAND MEYROSE.

Witnesses:

ALFRED A. EICKS,
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