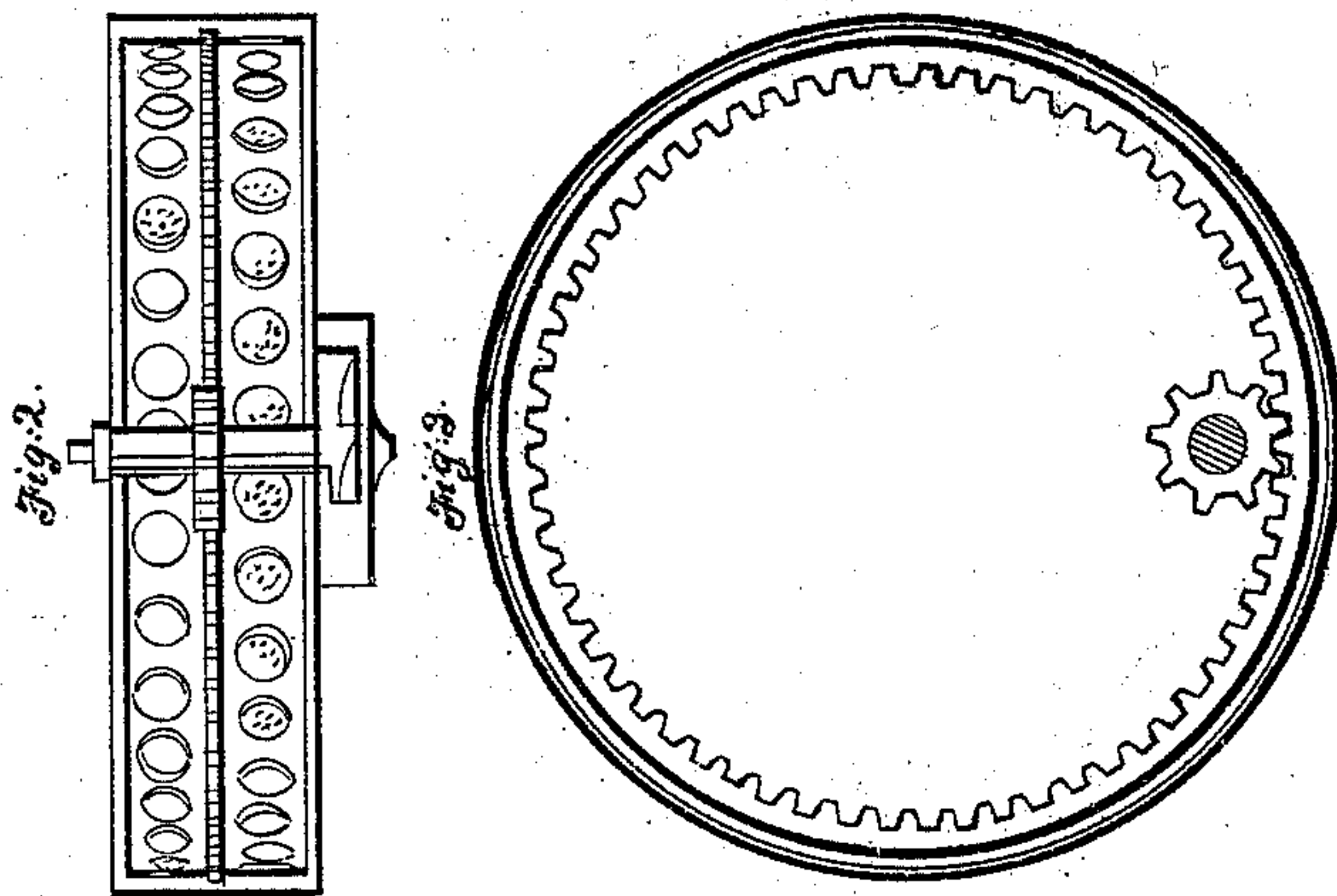
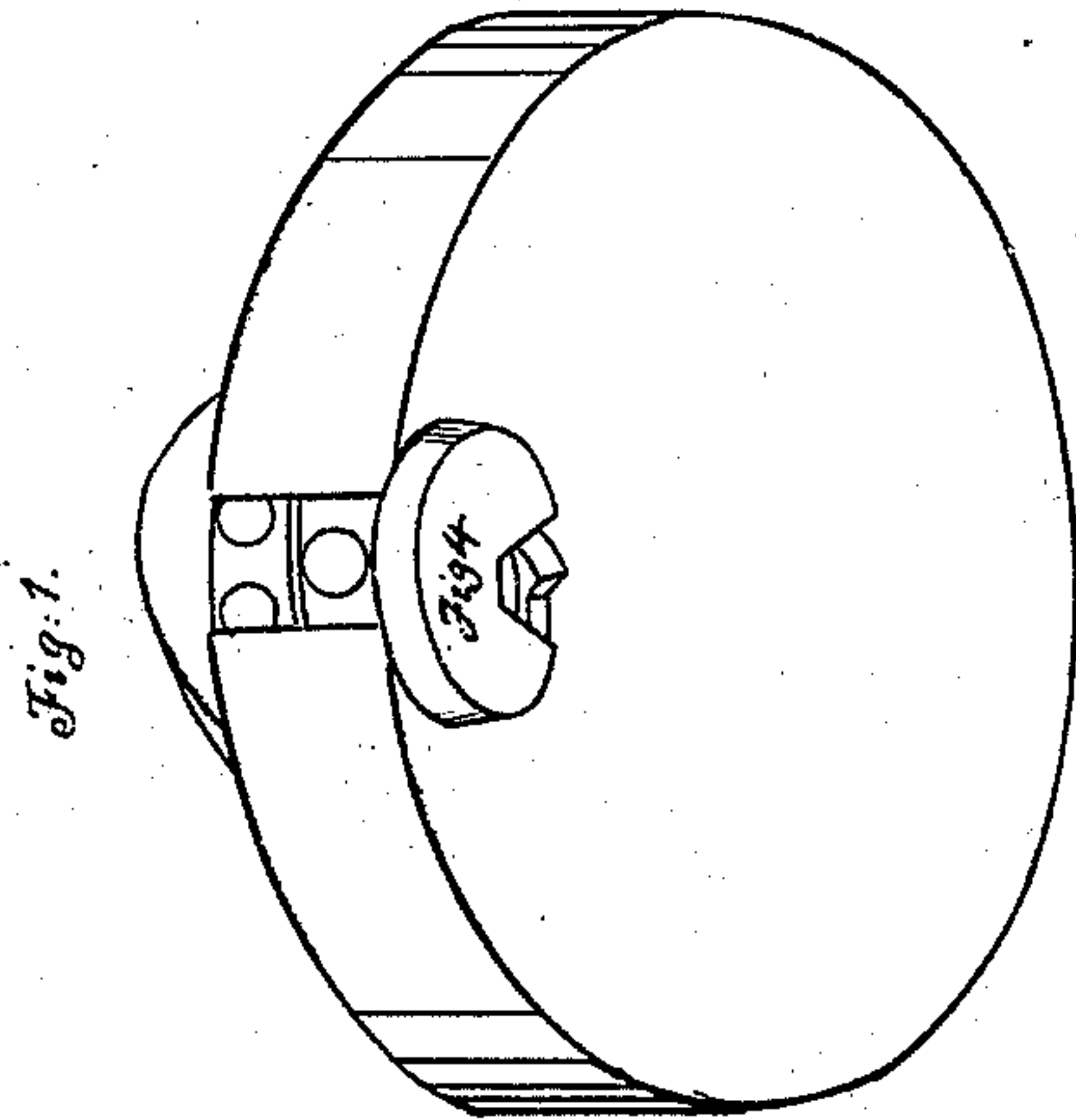


T. HARVEY.

Cap-Box.

No. 43,497.

Patented July 12, 1864.



Witness Caleb W. Greenfield
John H. Harvey

Thomas Harvey,

Inventor

UNITED STATES PATENT OFFICE.

THOMAS HARVEY, OF BALTIMORE, MARYLAND.

IMPROVEMENT IN PERCUSSION-CAP BOXES.

Specification forming part of Letters Patent No. 43,497, dated July 1st, 1864.

To all whom it may concern:

Be it known that I, THOMAS HARVEY, of Baltimore, in the county of Baltimore, in the State of Maryland, have invented a new Percussion-Cap Box; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the figures of reference marked thereon.

My invention consists in the construction of a percussion-cap box and formation of a band worked within a cylinder, the arrangement being such that the band and cylinder work jointly together.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

Figure 1 represents the cylinder or box, which can be made in whole, as shown in the drawings, or made in the shape of a ring, leaving the center out, as it is of little use, except as a support to a leather covering. Fig. 2 is the band, its size being regulated according to the number of holes and caps wished to contain, the machine having sixty, and the same number of teeth or cogs on the inside. Fig. 3 is the cylinder and band, working jointly,

so that while the cog-wheel is propelling the band the cylinder directs its course and keeps it in its place. The rise in the center of the outside of the band is to leave space for the flange of the caps, and the cylinder keeps them to their place until they arrive at the proper place for discharge. Fig. 4 shows the outer end of the cog-wheel shaft and its arrangement for propelling the band, having a toothed wheel on its end, so that with a press of the thumb the band is moved forward until the stop checks it, and that one cap, and only one, can be obtained with a single move, and that at the most convenient point, and at the place where the box is again released.

What I claim as my invention, and desire to secure by Letters Patent, is—

The employment of an annular cap-holder, freely movable within a circular or cylindrical case, and provided on its interior surface with teeth, so as to be operated or revolved by an interior pinion, substantially in the manner shown and described.

THOMAS HARVEY.

Witnesses:

CALEB W. GREENFIELD,
JOHN H. HARVEY.