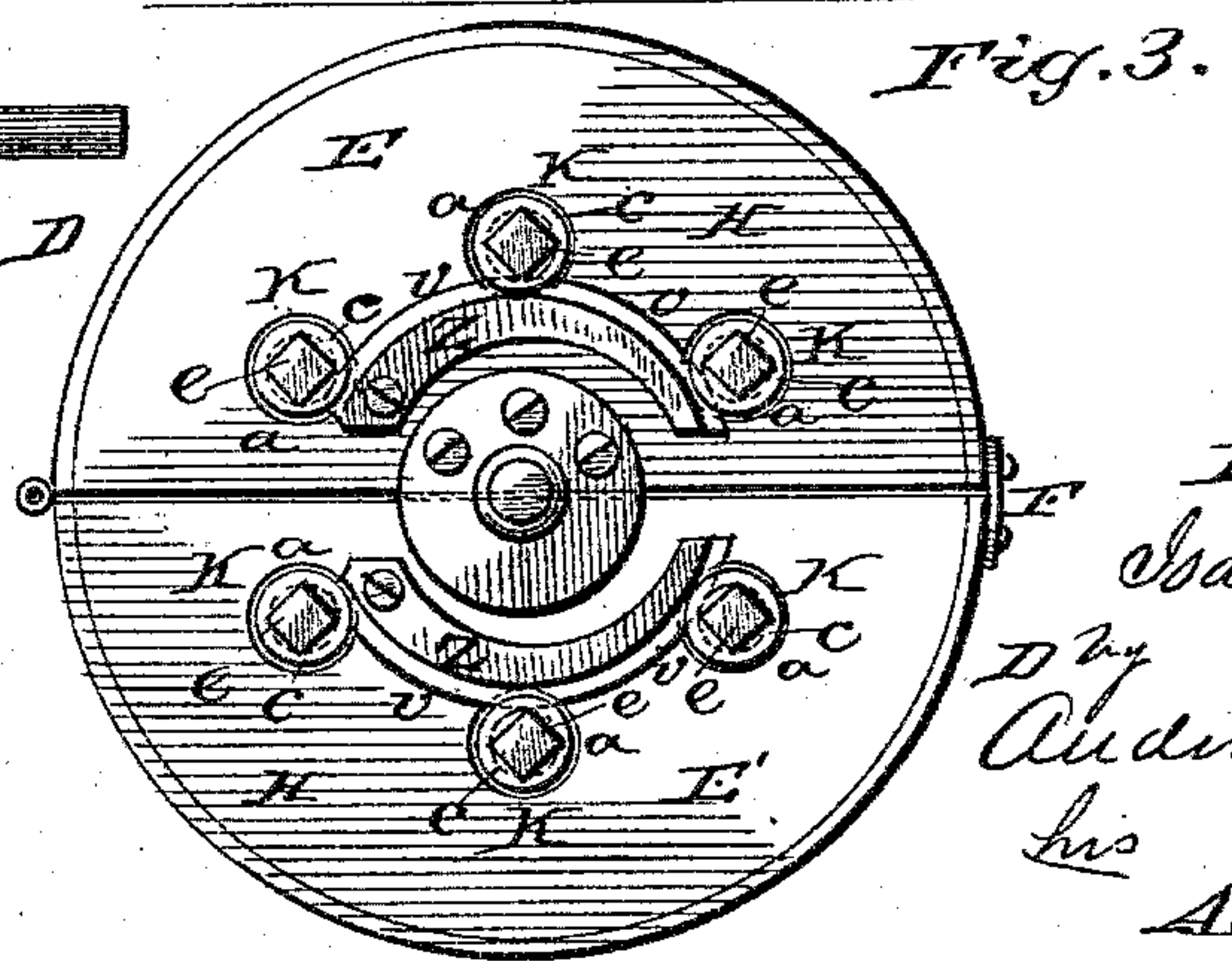
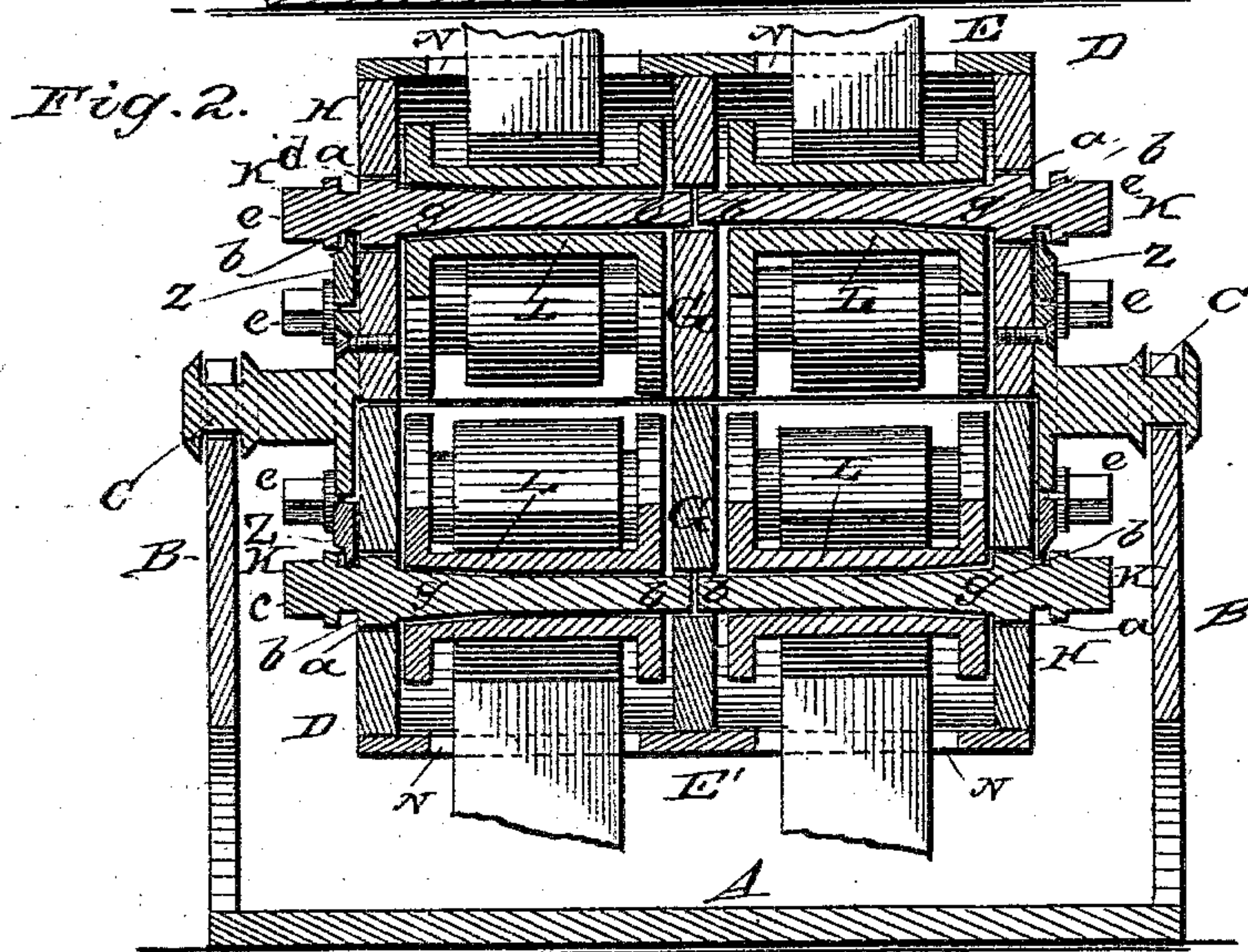
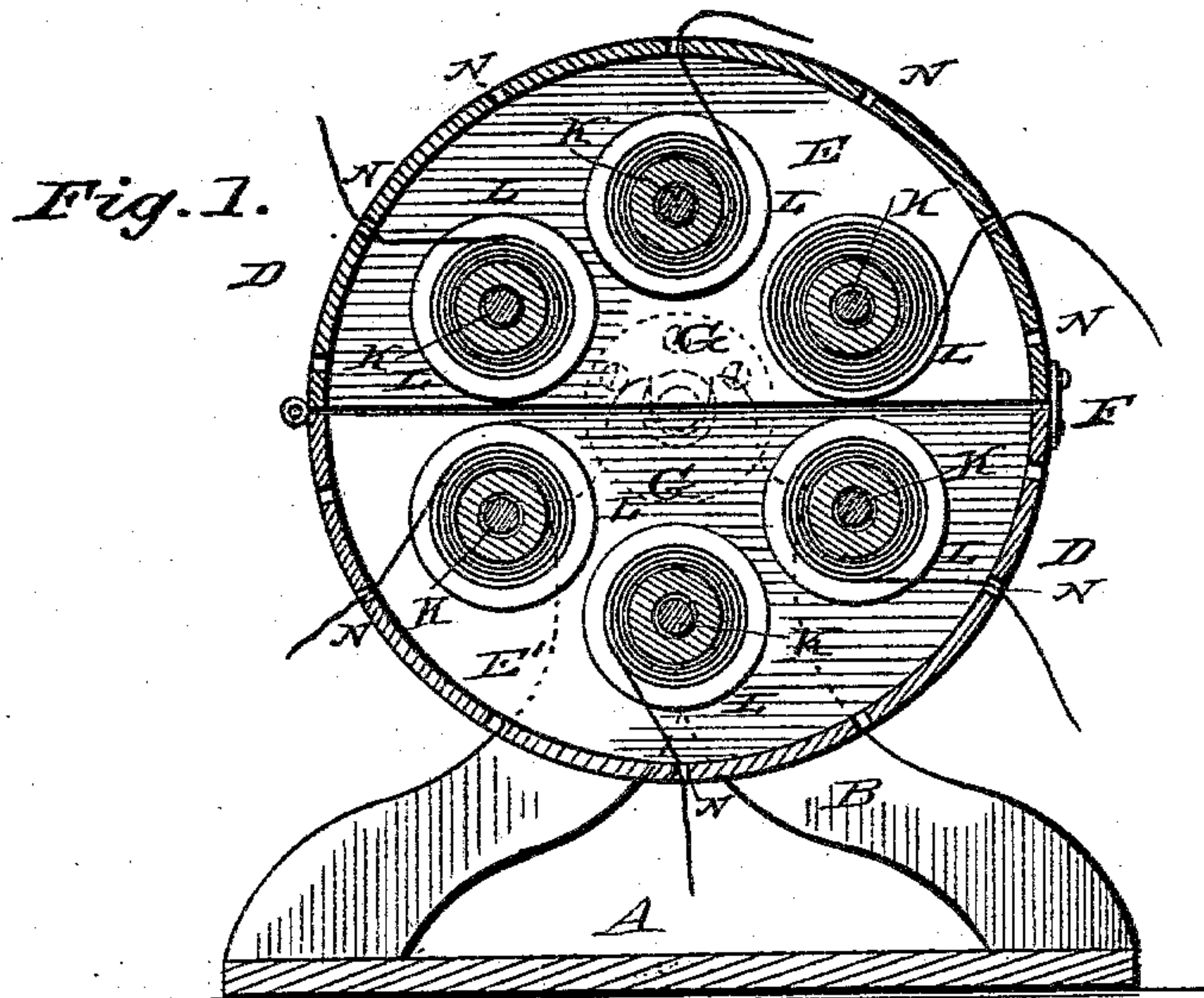


(No Model.)

I. T. LANE.  
RIBBON HOLDER.

No. 288,070.

Patented Nov. 6, 1883.



Witnesses:  
John T. Morrow  
Emory H. Bates

*Inventor:*  
*Isaac T. Lane,*  
*D<sup>y</sup>*  
*Audism Smith*  
*his*  
*Attorneys.*



# UNITED STATES PATENT OFFICE.

ISAAC T. LANE, OF FLATONIA, TEXAS, ASSIGNOR OF ONE-HALF TO J. H. SLOMA, OF SAME PLACE.

## RIBBON-HOLDER.

SPECIFICATION forming part of Letters Patent No. 288,070, dated November 6, 1883.

Application filed June 23, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, ISAAC T. LANE, a citizen of the United States, residing at Flatonia, in the county of Fayette and State of Texas, have invented certain new and useful Improvements in Ribbon-Holders; 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, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a vertical sectional view. Fig. 2 is a cross-sectional view. Fig. 3 is an end view, and Fig. 4 is a detail view.

This invention has relation to ribbon-holders; and it consists in the construction and novel arrangement of parts, as hereinafter set forth, and particularly pointed out in the appended claim.

In the accompanying drawings, the letter A designates a base or supporter having bearings B, for the journals C of the ribbon-holding case D, which is made in two semi-cylindrical sections, E and E'. One of these sections, E, carries the journals, and the other section is hinged thereto at the back, so that the case may be opened to take out the empty spools and put in full ones. The sections when closed are fastened together in front by means of a small catch, F. Each section is provided with a middle partition, G, and bearings *a* are made in the end walls, H, and in said partitions, to receive the journal portions *b* of the removable spindles K, on which the spools L are placed. These spindles are arranged in series circularly, and are equidistant from the axial center of the case, and opposite each spindle is made in the cylindrical wall of the

case a slot, N, through which the end of the ribbon on the spool is drawn, so that it will appear on the outside. The end of each spindle projects from the end wall of the case, and in the projecting portion *c* is made an annular groove or neck, *d*, and beyond said groove the spindle-head *c* is provided with a key-seat, *e*, to receive the eye of an operating-crank. That portion *g* of each spindle which enters the spool is squared or ribbed, to engage a bearing of like form in the end of the spool, so that when the spindle is turned it will carry the spool around with it.

Pivoted to the heads of the case-sections are the arc-shaped latches Z, the outer edges, *v*, of which are convex, and are designed to engage the necks *d* of the spindles to hold them in place, while allowing entire freedom of rotation. When the arc-latch is turned inward all its spindles are disengaged, so that they can be readily removed from the case. It is apparent that arc-shaped latches may be arranged on the outer side of the spindle-heads; but in this case their engaging edges will be concave.

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

A rotary ribbon-holder case made in sections having slots N and arc-latches Z, and the removable rotary spindles K, having squared portions *g*, to engage the spools, and projecting heads *c*, formed with necks *d*, to engage the arc-latches, and key-seats *e*, substantially as specified.

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

ISAAC THEOPHILUS LANE.

Witnesses:

E. A. ARNIM,

J. M. HARRISON.