

J. J. ELLIOTT.

SPOOL-HOLDER.

No. 171,365.

Patented Dec. 21, 1875.

FIG. 1.

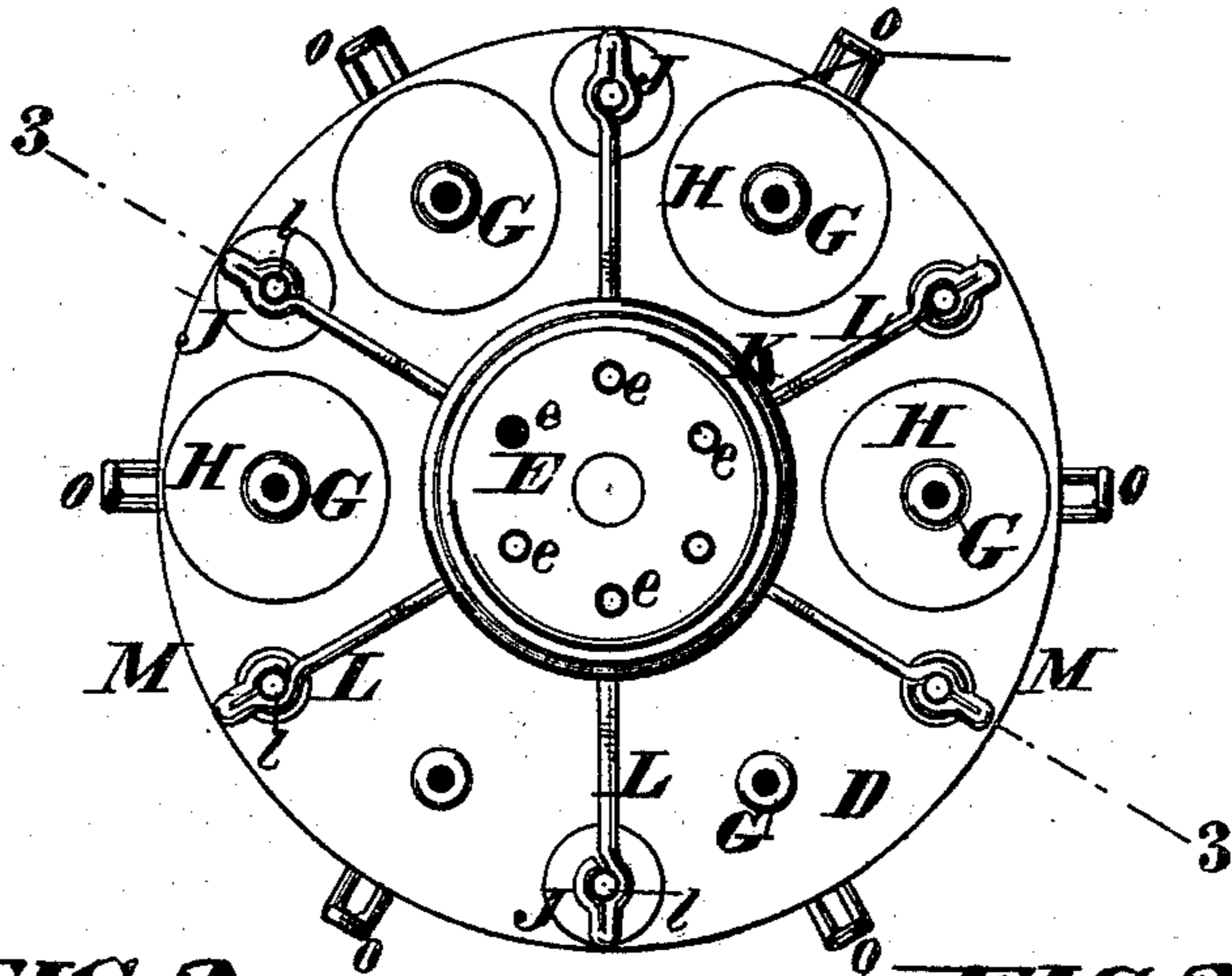


FIG. 2.

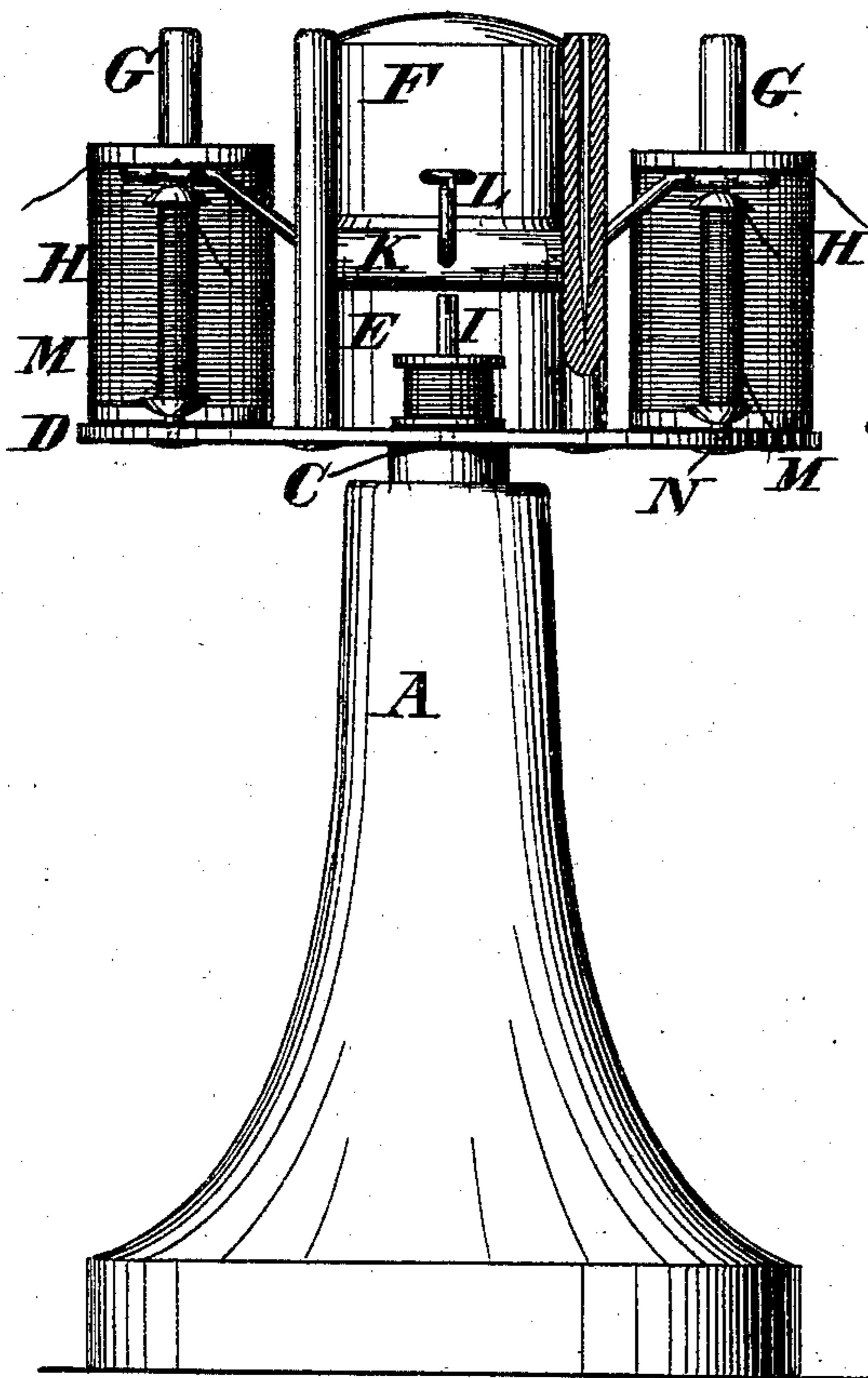


FIG. 3.

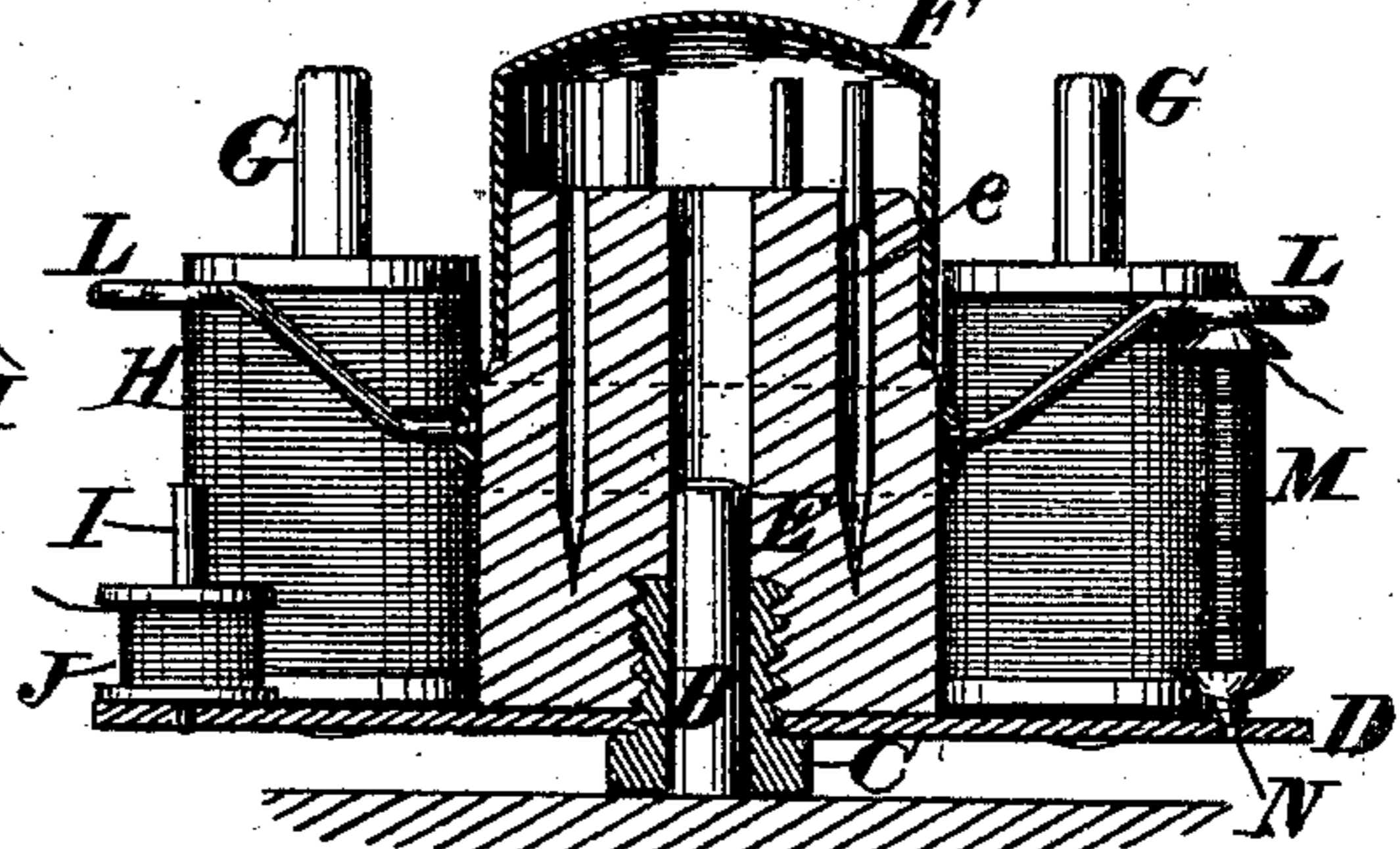
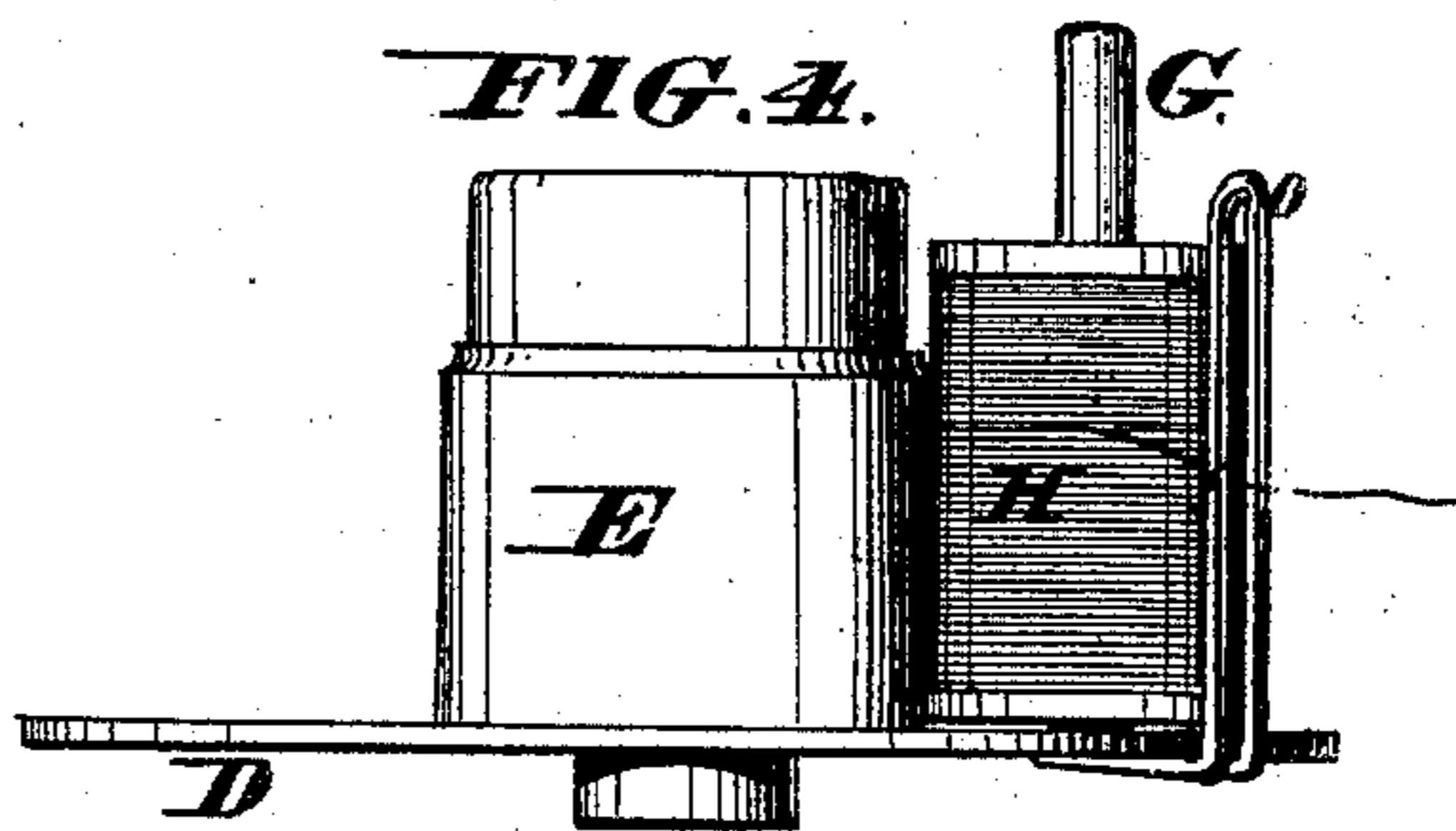


FIG. 4.



WITNESSES

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# UNITED STATES PATENT OFFICE.

JAMES J. ELLIOTT, OF RENOVO, PENNSYLVANIA.

## IMPROVEMENT IN SPOOL-HOLDERS.

Specification forming part of Letters Patent No. **171,365**, dated December 21, 1875; application filed June 18, 1875.

*To all whom it may concern:*

Be it known that I, JAMES J. ELLIOTT, of Renovo, in the county of Clinton and State of Pennsylvania, have invented a Combined Spool-Holder and Needle-Case, of which the following is a specification:

The subject of my invention is a combined spool-holder and needle-case, adapted for application to a sewing-machine or to a common stand, and provided with hollow pins, which receive common spools, and may contain sewing-machine or other needles within them; a central case with a number of sockets for the reception of sewing-machine or other needles, covered by a suitable cap; short pins for the reception of short sewing-machine bobbins, and spring-arms and sockets adapted to hold the shuttle-bobbins for sewing-machines, as hereinafter described.

In the accompanying drawing, Figure 1 is a plan or top view of the apparatus, with the needle-case cap omitted. Fig. 2 is a side elevation, showing one of the spool-pins in section. Fig. 3 is a section on the line 3 3, Fig. 1.

A may represent a base or stand, of any suitable construction, provided on top with a pivot, B, for the reception of a socket, C, on which is screwed the base-plate D and the body E of a needle-holder, which is formed with sockets *e*, for the reception of sewing-machine or other needles. F represents a cap fitting over the needle-holder E, to cover and protect the needles contained therein. G G represent pins for the reception of common spools H. I are short pins for the reception of the short bobbins J, which are employed with some descriptions of sewing-machines. The needle-holder E is surrounded by a spider, consisting of a band, K, and a number of

projecting spring-arms, L, each of which is formed near its extremity with a suitable aperture, *l*, for the reception of one pivot of a customary sewing-machine shuttle-bobbin, M. The other pivot thereof rests in an aperture, N, in the base-plate D. O O represent tension thread-guides, secured to the base-plate D, and projecting upward opposite each spool. The construction of the said guides is best illustrated in Fig. 4. The thread is run through the slot or opening in the tension-guide, and, by being passed once around the same, will have the requisite tension for sewing. These guides O have a vertical slot extending their whole height, and equaling in height that of the spool, by which arrangement the thread has free play, and is allowed to run freely from one end of the bobbin to the other without stoppage, and without danger of being pulled over the top thereof.

The following is claimed as new:

1. In a spool-holder, the hollow spindle G, constructed substantially as and for the purposes described.

2. The bobbin-holders K L N, when constructed and arranged substantially as set forth.

3. The combination of the needle-holder E, spool-holders G and I, and shuttle-bobbin holders K L N, substantially as set forth.

4. In combination with a spool-holder, the tension-guide O, constructed and arranged to operate substantially as herein shown and described.

JAS. J. ELLIOTT.

Witnesses:

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