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PATENTED FEB. 5, 1907.

A. KASSE & H. STOLL.  
SPOOL HOLDER AND PROTECTOR.

APPLICATION FILED APR. 19, 1906.

Fig. 1.

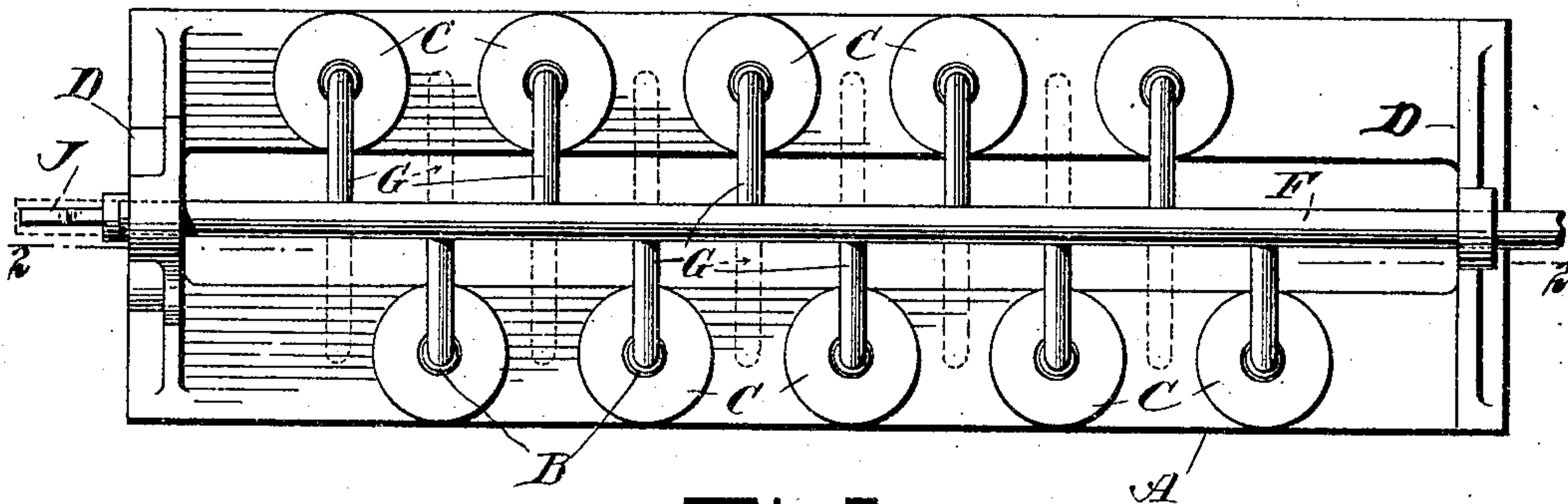


Fig. 2.

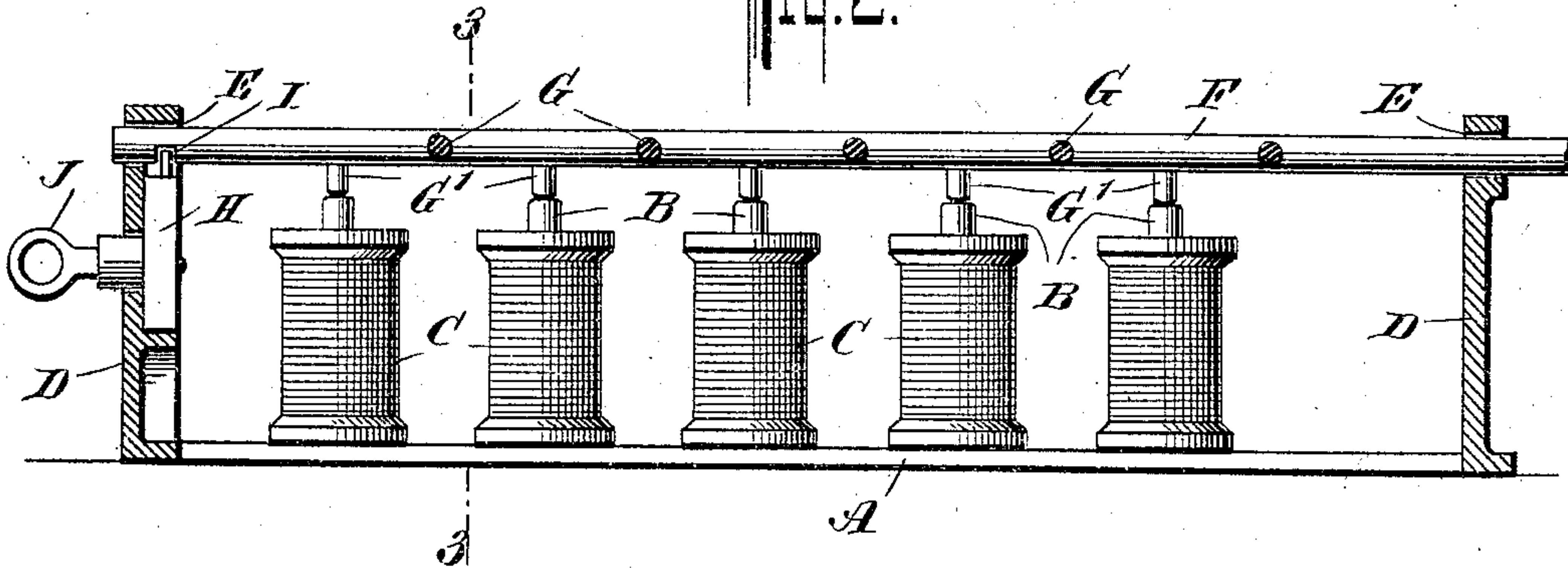
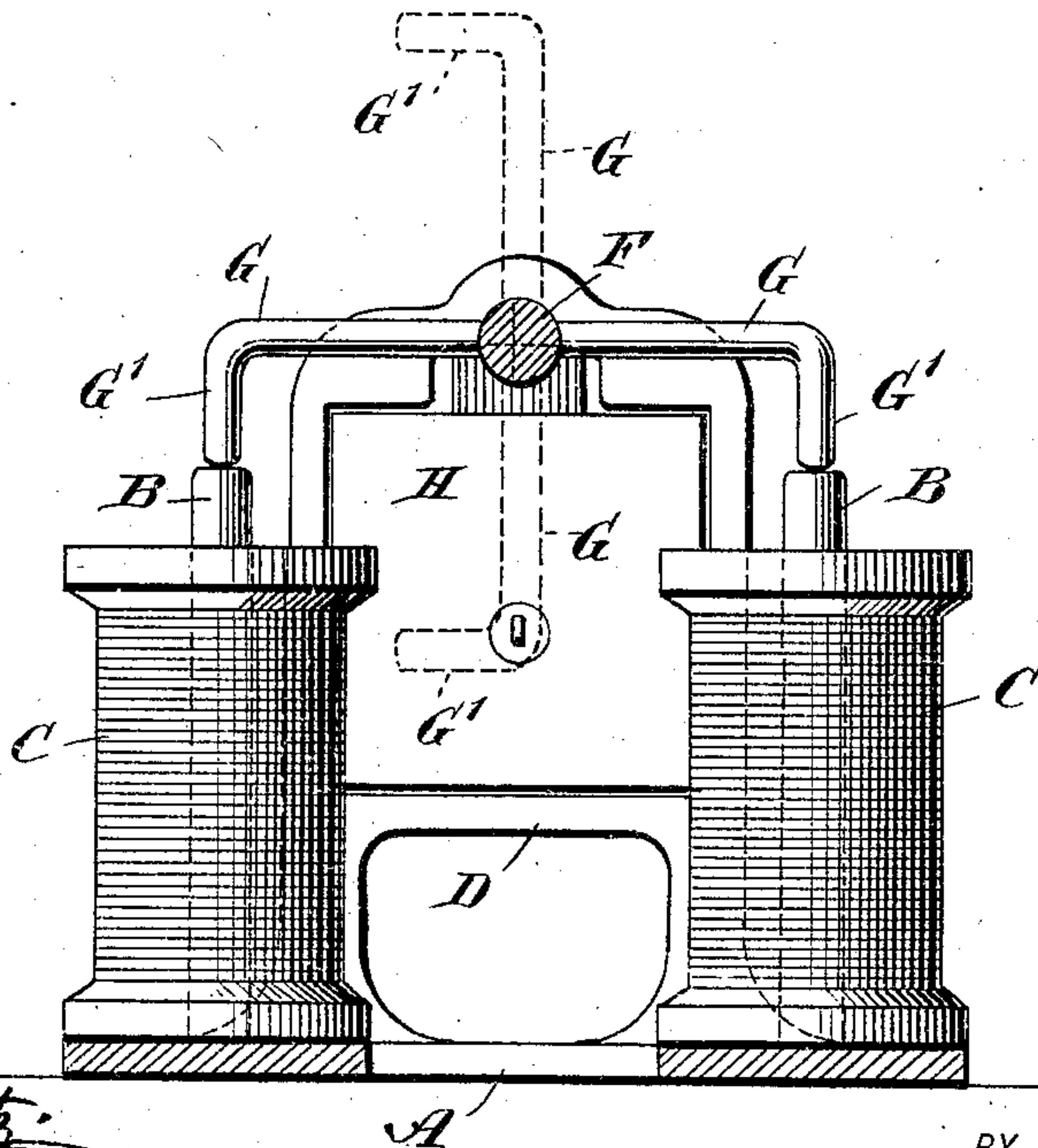


Fig. 3.



WITNESSES

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# UNITED STATES PATENT OFFICE.

ABRAM KASSE AND HARRY STOLL, OF NEW YORK, N. Y.

## SPOOL HOLDER AND PROTECTOR.

No. 842,958.

Specification of Letters Patent.

Patented Feb. 5, 1907.

Application filed April 19, 1906. Serial No. 312,645.

*To all whom it may concern:*

Be it known that we, ABRAM KASSE and HARRY STOLL, citizens of the United States, and residents of the borough of Manhattan, city, county, and State of New York, have invented certain new and useful Improvements in Spool Holders and Protectors, of which the following is a specification.

Our invention relates to spool-holders intended to hold a plurality of spools of thread, and has for its object to construct devices of this character in such a manner that the thread may be freely removed by the user, but that the bodily removal of the spools from the holder is impossible to any one but an authorized person.

Our invention will be fully described hereinafter, and the features of novelty will be pointed out in the appended claims.

Reference is to be had to the accompanying drawings, in which—

Figure 1 is a plan view of our improved holder. Fig. 2 is a sectional view thereof on line 2 2 of Fig. 1; and Fig. 3 is a cross-section, on an enlarged scale, taken on line 3 3 of Fig. 2.

A is the base plate or support, which is provided with a series of upright spindles B, each of which is adapted to receive a spool of thread C. Supports or standards D form part of or are secured to the base A and are each provided with an opening E, arranged to receive the rod F. This rod F is capable of rotating and sliding in said standards D, the purpose of which movement will be more fully described hereinafter, and is provided with transversely-extending locking-pins G, each having a downwardly-bent portion G'. The locking-pins G are spaced on the rod F, so that in one position of said rod each of the downwardly-projecting portions G' will be over or in registry with one of the spindles B. For the purpose of preventing any of the spools from being bodily removed from the corresponding spindle by any but an authorized person a lock H is secured in one of the standards D, which lock is arranged to engage a notch I on the rod F, as clearly shown in Fig. 2. Preferably the pins G project in staggered fashion from opposite sides of the rod F.

In operation the rod F is moved to the position shown by dotted lines in Fig. 1 and the spools C placed on the spindles B, after which the rod F is returned to its original position and locked in said position by means of the

key J, as shown in Fig. 2. In this locked position each downwardly-projecting portion G' of the locking-pins G is in registry with a spindle B, and it is thus impossible for any person to remove any of the spools from the holder unless said person first secures the key to unlock the lock H. Theft of the spools is thus impossible, and the thread is still capable of being used freely by the operator. To facilitate the removal or replacing of spools by the proper person, the rod F is capable of rotation in addition to its sliding motion, so that the locking-pins will stand in the position indicated by dotted lines in Fig. 3. In this position of the locking-pins there is an absolutely free space above each of the spindles B, and the spools may be readily removed or replaced, as desired. The staggered position of the spindles B and pins G makes it easier to fasten the arms securely.

From the foregoing description it will thus be seen that our holder is simple in construction and effective in operation and may be delivered to the operators without fear of the unauthorized removal of any of the spools of thread. If desired, however, each individual spool may be removed or replaced without disturbing any of the other spools.

Various modifications may be made without departing from the nature of our invention as defined in the claims.

We claim as our invention and desire to secure by Letters Patent—

1. A spool-holder comprising a support, a series of spindles on said support for holding the spools, a rod slidable on said support at right angles to said spindles and provided with a series of transverse pins arranged to be brought into registry with said spindles to prevent the removal of the spools from the spindles, and means for locking said rod in position.

2. A spool-holder, comprising a support, a series of spindles for receiving the spools, a mechanism slidable at right angles to the spindles and provided with members spaced so that each registers with a spindle in one position, to prevent the removal of the spool, and permits the removal of the spool when the mechanism is slid a distance equivalent to one-half the distance between two spools located in a line substantially parallel to the line in which the mechanism slides, and means for locking said slidable mechanism in position.

3. A spool-holder, comprising a support, a



series of staggered spindles for receiving the spools, mechanism slidable at right angles to the spindles and provided with staggered members spaced so that each registers with a spindle in one position to prevent the removal of the spool, and permits the removal of the spool when the mechanism is slid a distance equivalent to one-half the distance between two spools located in a line substantially parallel to the line in which the mechanism slides, and means for locking said slidable mechanism in position.

4. A spool-holder, comprising a support, a series of spindles for receiving the spools, rotatable mechanism slidable at right angles to the spindles and provided with members

spaced so that each registers with a spindle in one position to prevent the removal of the spool, and permits the easy removal of the spool when the mechanism is first slid a distance equivalent to one-half the distance between two spools located in a line substantially parallel to the line in which the mechanism slides, and then rotated.

In testimony whereof we have hereunto signed our names in the presence of two subscribing witnesses.

ABRAM KASSE.  
HARRY STOLL.

Witnesses:

JOHN LOTKA,  
JOHN A. KEHLENBECK.