

(No Model.)

W. E. P. McALISTER.
REVOLUBLE SPOOL STAND.

No. 410,175.

Patented Sept. 3, 1889.

Fig. 3.

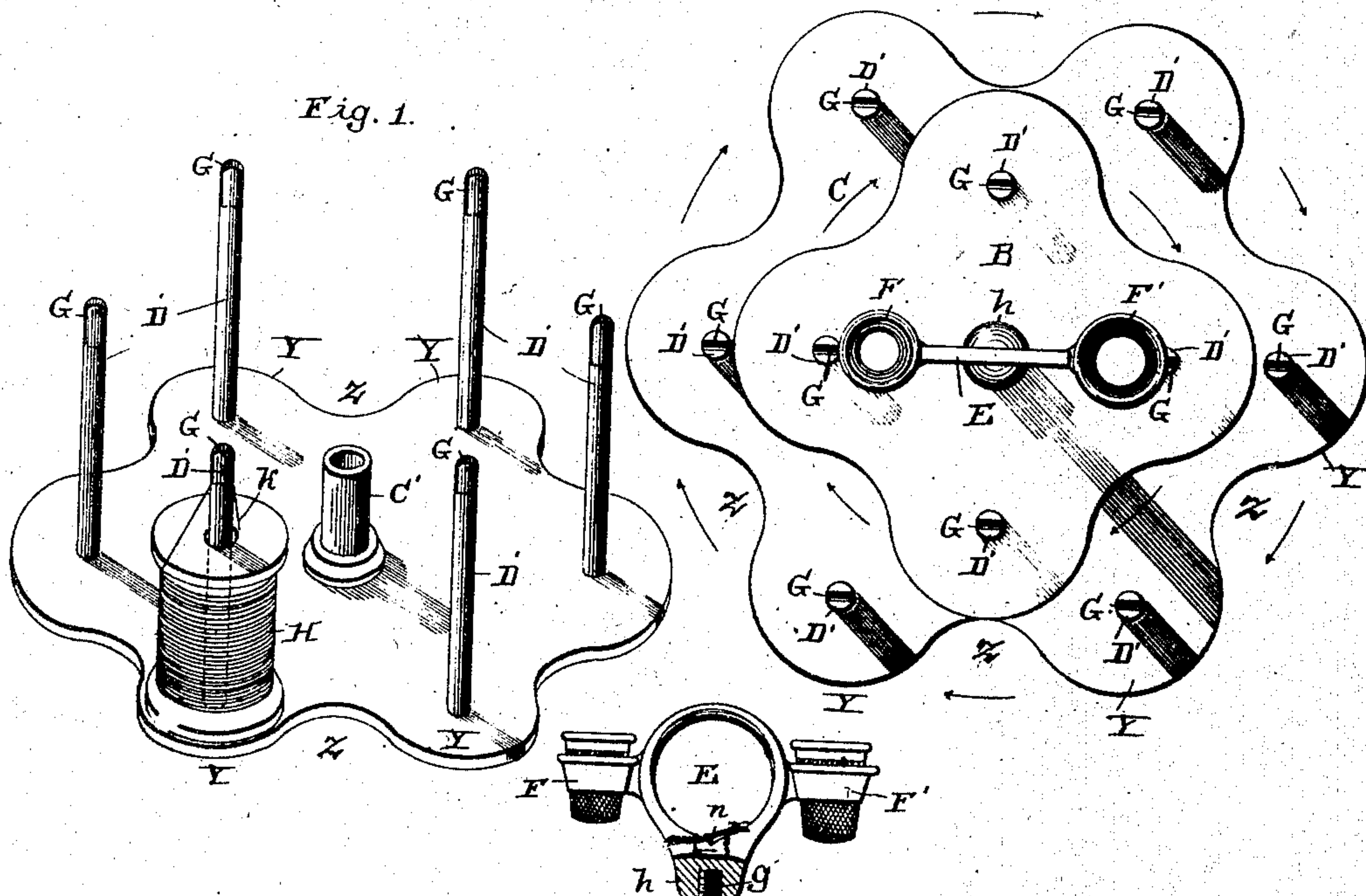


Fig. 2.

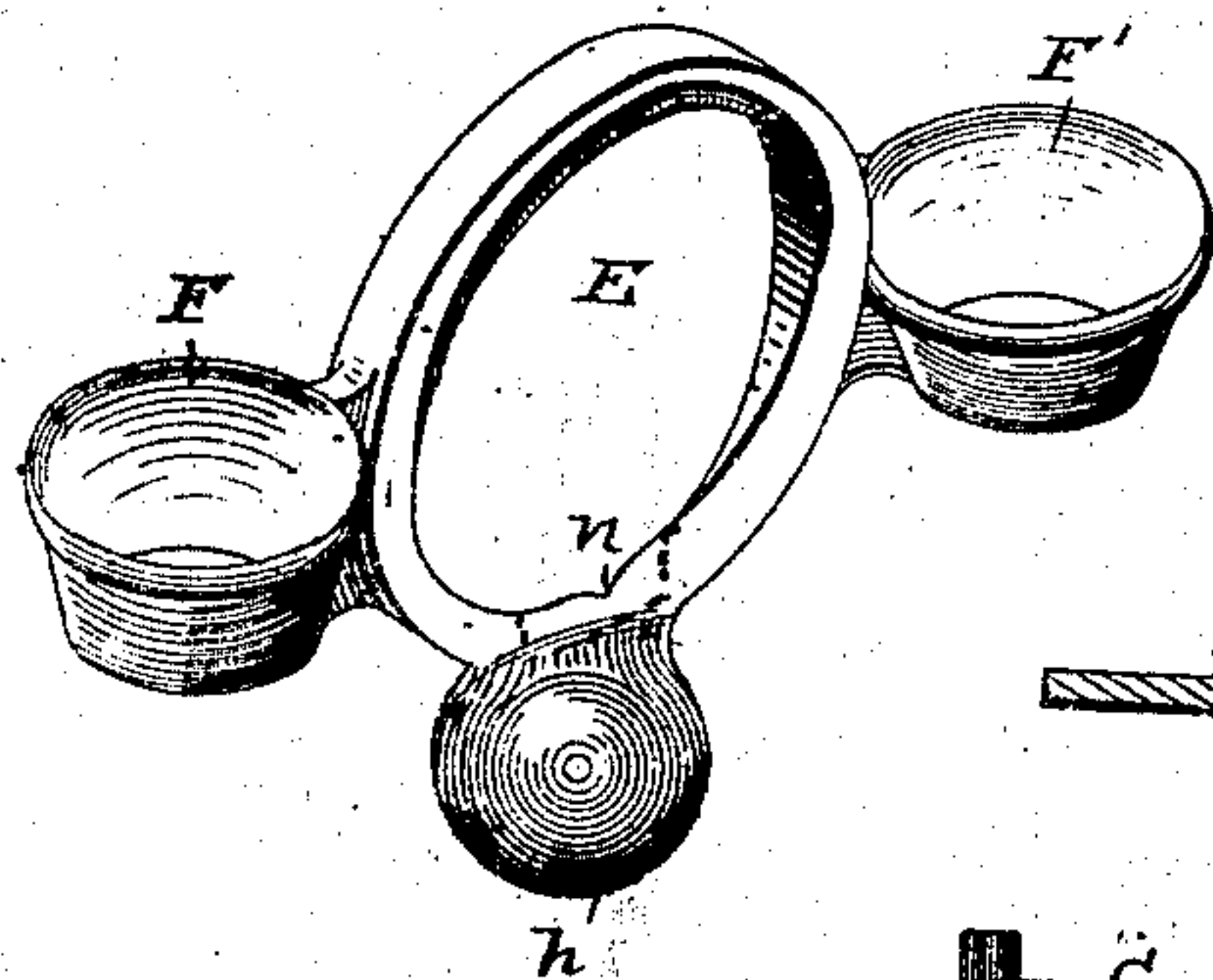
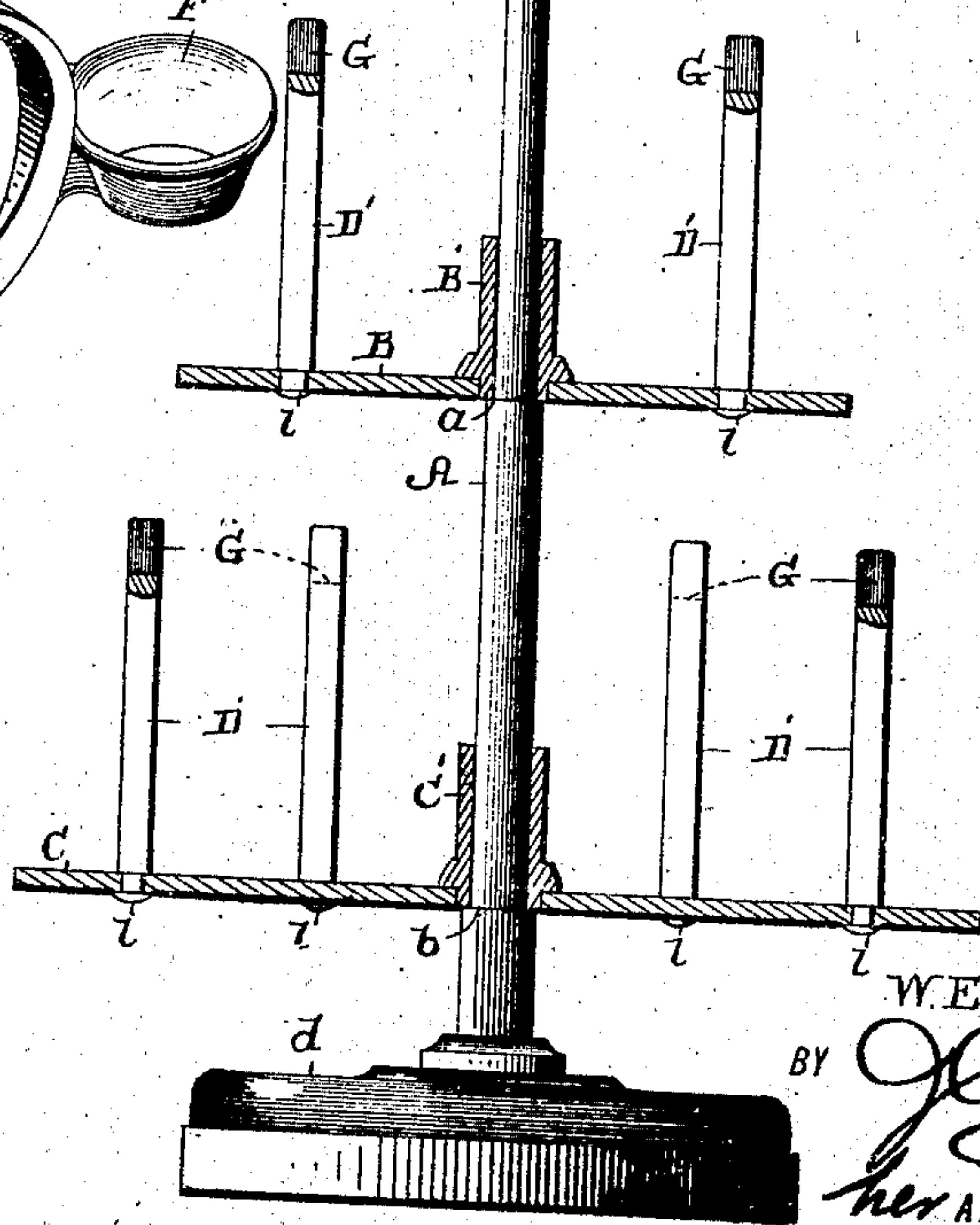


Fig. 4.



WITNESSES:

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UNITED STATES PATENT OFFICE.

WILSON-ELLA PALMER McALISTER, OF KANSAS CITY, MISSOURI.

REVOLUBLE SPOOL-STAND.

SPECIFICATION forming part of Letters Patent No. 410,175, dated September 3, 1889.

Application filed June 16, 1889. Serial No. 314,454. (No model.)

To all whom it may concern:

Be it known that I, WILSON-ELLA PALMER McALISTER, of Kansas City, Jackson county, Missouri, have invented certain new and useful Improvements in Combined Spool and Thimble Holders, 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 combined spool and thimble holders; and it consists in the novel combination and arrangement of parts, as will fully appear from the following description.

In the accompanying drawings, forming a part of this specification, Figure 1 is a detailed perspective view of the upper shelf of my spool-holder, showing a spool in position upon one of the pins. Fig. 2 is a detailed perspective view of the loop-handle, showing the position of the thimble-holders and the thread-cutter. Fig. 3 is a plan view of my invention; and Fig. 4 is a view, partly in perspective and partly in vertical section, thereof.

A is the main shaft or support of the holder, upon which the shelves B and C revolve, at the base, and E the loop or handle, by means of which the holder can be lifted. The shaft A is so formed that each upper section is of a smaller diameter than the next lower one, thus forming shoulders *a b*, upon which the shelves B and C rest.

In my invention I have shown two revolving shelves located on an upright shaft one above the other, each provided with five studs or pins *D'*, placed at equal distances from each other and near the edge of the shelves. I can, however, make as many shelves as I think proper and provide them with a sufficient number of pins or studs to hold any number of spools that may be desired. Each shelf is of considerably less diameter than the shelf below it, the axes of the pins in the latter being beyond the periphery of the upper shelf, and the said shelves having their edges indented at points midway between each pair of pins, thereby forming radial arms *Y*, from the centers of which the pins rise. The indentations between the said arms are designated by the letter *Z*. It will be observed that I have thus so formed the shape and outer edge of my shelves that by turning them to a certain point I can remove

any spool of thread from its position without the spool coming in contact with the shelf above it. The studs or pins *D'* are provided at their upper ends with slits *G* for the purpose of receiving the end of the thread *K* and holding it securely after a portion of the thread has been unwound for use. These pins are held in position by means of screws *l* or other suitable devices.

In connection with the central eyes of the shelves I place extended hubs or collars *B'* and *C'*, in order that the shelves when revolved may have a true and easy movement.

The upper end of the shaft *A* is provided with a screw-threaded projection *g*, which screws into a correspondingly-threaded portion *h* of the handle *E*. This handle *E* is provided on opposite sides with circular rings or racks *F F'* for the purpose of holding thimbles. At the lower inner portion of the handle *E*, I form a V-shaped space *n*, in which I insert a piece of steel made very sharp. This I use for cutting the thread by drawing it through the loop and giving it a slight downward movement.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The spool-holder having the base, the shouldered shaft rising therefrom, the shelves revolving on the shaft, the lower shelf being of greater diameter than the upper shelf, and said shelves having the radial arms *Y* and indentations *Z*, and the pins *D'*, rising from the centers of the radial arms, the pins on the lower shelf having their axes beyond the periphery of the upper shelf, substantially as described.

2. The spool-holder comprising the base having the shouldered shaft rising therefrom, the shelves of unequal diameter on the shaft and having the radial arms and the pins *D'*, rising from the centers thereof, the loop *E*, attached to the upper end of the shaft and forming a handle, said loop having the rings *F F'*, forming thimble-holders, and having the thread-cutter in its lower side, substantially as described.

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

WILSON-ELLA PALMER McALISTER.

Witnesses:

J. M. CROMWELL,
LUCY M. ROBINSON.