J. D. Cutler,

Show Stand.

No. 113,858. Patented Apr. 18. 1871.

Fig: 1.

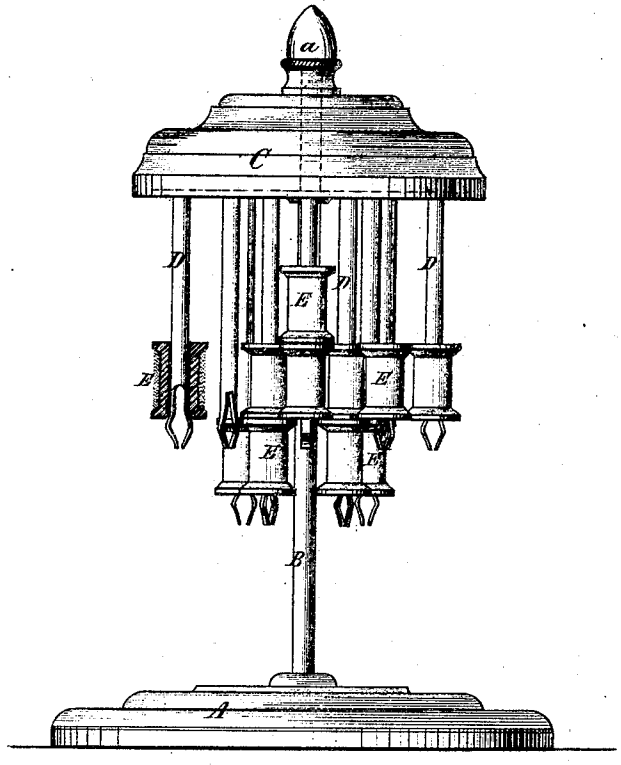
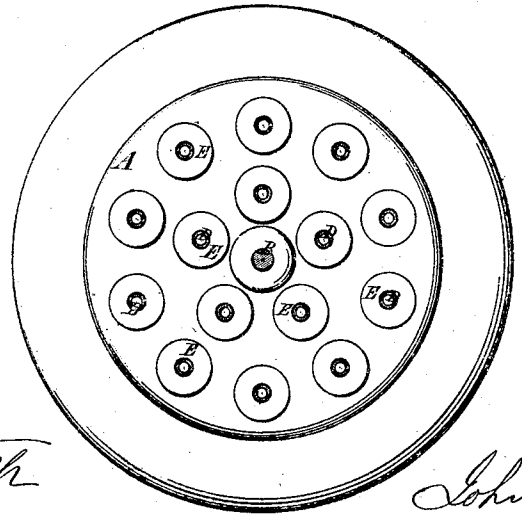



Fig: 2.




Witnesses:
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# United States Patent Office.

JOHN D. CUTTER, OF BROOKLYN, NEW YORK.

Letters Patent No. 113,858, dated April 18, 1871.

## IMPROVEMENT IN SPOOL-EXHIBITERS.

The Schedule referred to in these Letters Patent and making part of the same.

*To all whom it may concern:*

Be it known that I, JOHN D. CUTTER, of the city of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Spool-Exhibiters for displaying silk, cotton, &c., put upon spools, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 is an elevation of a stand having a number of spools arranged thereon according to my invention.

Figure 2 is a sectional plan of the same.

Similar letters of reference indicate corresponding parts in both figures.

This invention consists in a novel arrangement of spools on spindles, arranged in rows or circular series in suspension from the top of a stand, whereby those spools which are behind the outer row or series can be distinctly seen.

The drawing represents the spools suspended from the top of a stand in circular rows or series, so that those in the inner rows or series hang down lower, by the length of a spool, than those of the outer row or series in front of it, the arrangement of the spools being thus made to present the form of an inverted cone, and enabling every row of spools to be displayed and easily seen.

Instead of in circular rows, the spools may also be arranged in pyramidal form with the same result.

Referring to the accompanying drawing—

A is the base of the stand, to the middle of which an upright spindle, B, of a proper length, is rigidly fastened.

C is a disk, plate, or board of wood, metal, or other material, which is horizontally arranged on the upper end of said spindle, so as to turn easily around the same.

A nut, *a*, screwing on the threaded end of the spindle, keeps the disk C in place.

D D are hollow or solid rods or spindles firmly secured at their upper ends to the disk C, from which they are suspended rigidly. These are arranged in circular rows, the outer row being shortest, while every succeeding row is longer for the length of a spool than its preceding one.

E E are spools, which are placed on said rods or tubes from below to fill up their entire length, each spindle being long enough to receive several spools.

To keep the spools from dropping off the rods or tubes by their own weight, the lower ends of the latter are split open and formed into springs, which, in their normal condition, are spread a little wider than the holes of the spools, but allow the spools to be slipped over them with a slight upward pressure.

When one spool is pulled off a spindle the one next above drops down into its place.

It will be seen, by reference to fig. 1 of the drawing, that the lower spools of the inner row or series can be as easily seen as those of the outer row, and can be as easily taken off.

What is here claimed, and desired to be secured by Letters Patent, is—

A spool-exhibiter, consisting of a number of rods or spindles, D D, suspended in two or more rows or series from a disk, plate, or board, and arranged in length and position substantially as herein described, whereby the lower spools on the inner row or rows of rods or spindles are displayed below those on the outer row or rows.

JOHN D. CUTTER.

Witnesses:
F. HAYNES,
R. E. RABEAU.