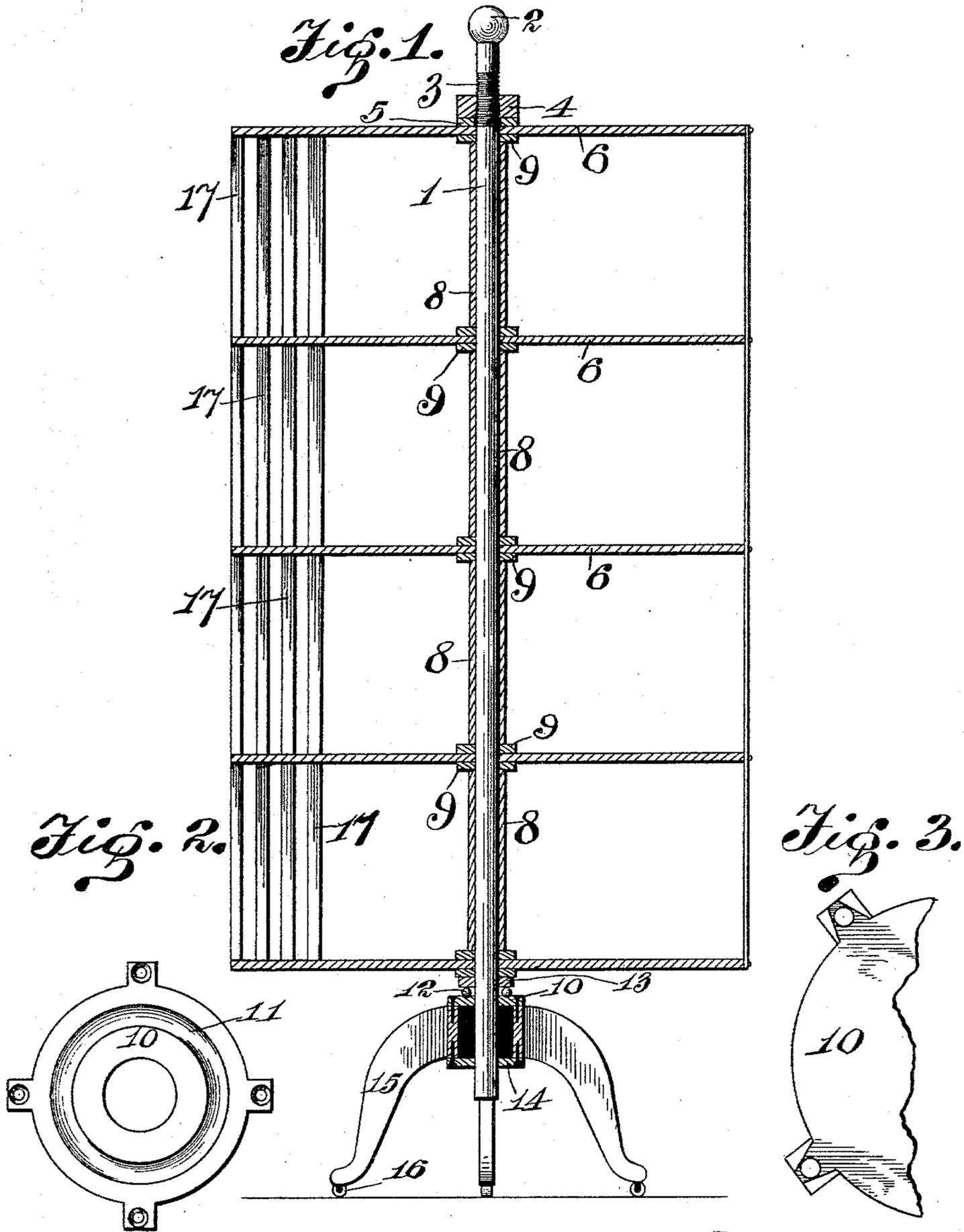


(No Model.)

W. S. LYNNE.
REVOLVING BOOKCASE.

No. 565,083.

Patented Aug. 4, 1896.



Witnesses:
A. R. Appleman
A. M. Nixon

Inventor:
William S. Lynne.
By Henry C. Evert
his Atty.

UNITED STATES PATENT OFFICE.

WILLIAM S. LYNNE, OF PITTSBURG, PENNSYLVANIA.

REVOLVING BOOKCASE.

SPECIFICATION forming part of Letters Patent No. 565,083, dated August 4, 1896.

Application filed September 30, 1895. Serial No. 564,066. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM S. LYNNE, a citizen of the United States of America, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Revolving Bookcases, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to certain new and useful improvements in bookcases in general, and relates more particularly to that class known as "revolving" book cases or stands.

The invention has for its object the construction of a revolving bookcase that will possess numerous advantages over those now employed and that will be attractive in its appearance.

A further object of the invention is the construction of a revolving bookcase that will be easy to operate and that can be readily moved to different positions in the room, as desired.

A still further object of the invention is the construction of a bookcase of the above-described class that will be extremely simple in its construction, strong, durable, effectual in its operation, and comparatively inexpensive to manufacture.

With the above and other objects in view the invention finally consists in the novel construction, combination, and arrangement of parts to be hereinafter more particularly described, and specifically pointed out in the claim.

In describing the invention in detail reference is had to the accompanying drawings, forming a part of this specification, and wherein like figures of reference indicate similar parts throughout the several views, in which—

Figure 1 is a vertical sectional view of my improved revolving bookcase. Fig. 2 is a top plan view of the bearing-plate. Fig. 3 is an underneath plan view of the same, partly broken away.

In the drawings, 1 represents the central shaft extending through the bookcase. Said shaft carries on its top a ball 2. The shaft 1 is screw-threaded at 3 near its upper extremity, said screw-threaded portion being

adapted to carry a nut 4. Directly underneath said nut and adjacent thereto is placed a washer 5, which underneath side abuts against the top of the bookcase proper.

The reference-figures 6 6 6 6 represent the shelves of the bookcase, the latter being placed equidistant from each other and retained in position by means of sections of tubing 8 8 8, surrounding the central shaft 1. At the free ends of the said tubing a series of washers 9 9 9 9 are arranged, said washers also serving to clamp and effectually retain in position the shelves 6 6 6 6, the tubing 8 8 8 abutting against said washers.

At the lower extremity of the central shaft 1 and beneath the lowermost shelf is arranged a bearing-plate 10, said plate being provided with an annular groove 11, and is adapted to receive balls 12, forming a ball-bearing against the plate 13, said plate being rigidly attached to shaft 1. A lower plate 14 is secured to the end of the shaft and serves to fasten the legs 15, which are mortised and secured together in the old and well-known manner. Said legs are provided with casters 16. Securing-strips 17 17 17 are attached to the shelves near their outer extremity, forming braces of support, as will be readily understood.

I wish to call particular attention to the mode of securing the shelves between the washers and sections of tubing. It will be noted that should the shelves become loose they can be readily tightened by the nut of the central shaft 1, which will tend to force the sections of the tubing and the washers against the shelves. Furthermore, the washers and the sections of the tubing will retain the shelves in their proper position and aid in bracing the same.

It will be noted that various changes may be made in the details of construction of my improved revolving book case or stand without departing from the general spirit of my invention.

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

In combination, a suitable base having a bearing-plate 10, ball-bearings operating in a groove of the bearing-plate, a shaft passing

through the bearing-plate, a plate 13 secured
to the shaft and resting on the ball-bearings,
a series of shelves having central apertures to
receive the shaft, tubular sections arranged
5 between and supporting the shelves and
washers arranged at the ends of the tubular
sections, as and for the purpose described.

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

WILLIAM S. LYNNE.

Witnesses:

H. C. EVERT,
H. E. SEIBERT.