

(No Model.)

J. W. O. NEILL.
BOOK HOLDER.

No. 538,534.

Patented Apr. 30, 1895.

Fig. 1

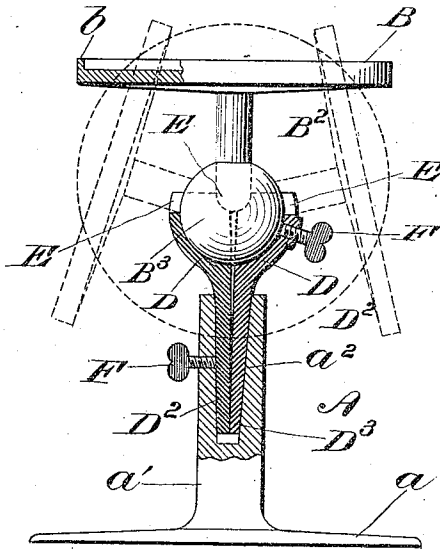


Fig. 2

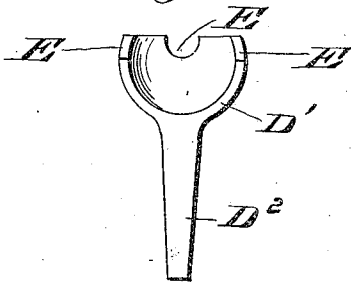


Fig. 3

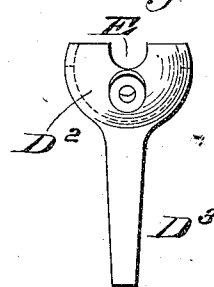
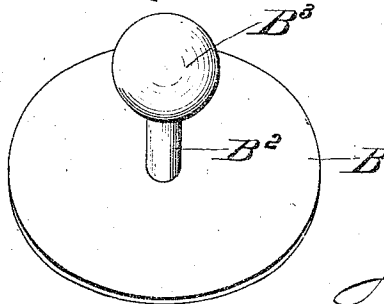


Fig. 4



WITNESSES:

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BOOK-HOLDER.

SPECIFICATION forming part of Letters Patent No. 538,534, dated April 30, 1895.

Application filed November 10, 1894. Serial No. 528,456. (No model.)

To all whom it may concern:

Be it known that I, JOHN W. O. NEILL, a citizen of the United States, and a resident of New York, in the county of Kings and State of New York, have invented certain new and useful Improvements in Book-Holders, of which the following is a specification.

My invention has relation to that class of tables or stands wherein the top thereof is capable of being placed at any angle, as well as at any height, and it consists in the construction and novel arrangement of parts hereinafter more fully described, illustrated in the accompanying drawings, and pointed out in the appended claim.

The object of my invention is to provide a table of simple and inexpensive construction wherein the top thereof is capable of turning and of being placed at any angle as well as revoluble, at the same time making it a very useful table for displaying goods and pictures as well as for artists, invalids and others to work upon.

In the accompanying drawings, forming a part of this specification, Figure 1 represents a side view of a table, partly in section, embodying my invention, the top being shown tilted in dotted lines; Fig. 2, a detail view of the section D'; Fig. 3, a detail view of the section D²; Fig. 4, an inverted plan view of the top.

Referring to the accompanying drawings wherein like letters of reference indicate corresponding parts in all the figures, A indicates the stand or support of my improved table, which stand consists of a base *a* and a stanchion or upright portion *a'*, said upright being provided for a portion of its length with a hollow tapered portion *a²* for a purpose presently explained.

B designates the top of the table which may be of any desired shape and size and provided upon its edge with a lip or flange *b*.

To readily permit of the top being placed at any angle as well as revoluble I employ the following means: At a suitable distance below the table top and made integral therewith by means of a neck portion B², is a spherical body B³ adapted to fit and work within a sectional cup D composed of the two concavo-convex bodies D' + D² which portions are pro-

vided with a tapering semi-cylindrical stem D²—D³ adapted to fit within the tapering recess *a²* in the upright, and as will be noticed in Fig. 1, the walls of the sectional cup extend somewhat above a line drawn through the center of the spherical body B³ and when the parts are in position form a lock for the spherical portion and prevent its displacement, and readily permit of the table top being tilted at right angles to the standard as shown in dotted lines in Fig. 1. I form in the top edge of the walls of the concavo-convex portions D'—D² semi circular recesses E of a size corresponding to the diameter of the neck B² and extending down to the horizontal line drawn through the center of the portion B³.

To readily permit of the table being raised or lowered and held in such position as well as hold it firmly in a tilted position, I provide set screws F passing through suitable screw threaded openings formed in the stanchion *a'* and one of the cup sections.

To adjust and use my improved table taken in connection with the above description and accompanying drawings will be readily understood—and I do not desire to confine myself to the precise construction herein shown and described as minor changes may be made without departing from the spirit of my invention.

What I claim as new, and desire to secure by Letters Patent, is—

The combination with a stand A, consisting of the base *a* and a stanchion *a'* provided with a tapering recess *a²* the concavo-convex sections having semi cylindrical tapering stems resting in said recess and held in any desired position by a thumb screw fitted in the side of the stanchion of a table top provided with a spherical body dependent from said table body by a neck and capable of being placed at any angle and held in such angular position by a set screw passing through one of the concavo convex sections and bracing against the spherical body, substantially as described.

JOHN W. O. NEILL.

Witnesses:

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FRANCIS C. BOWEN.