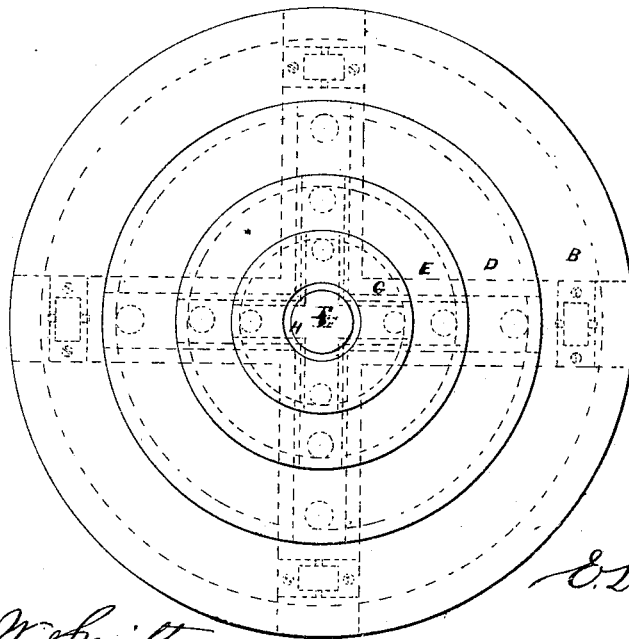
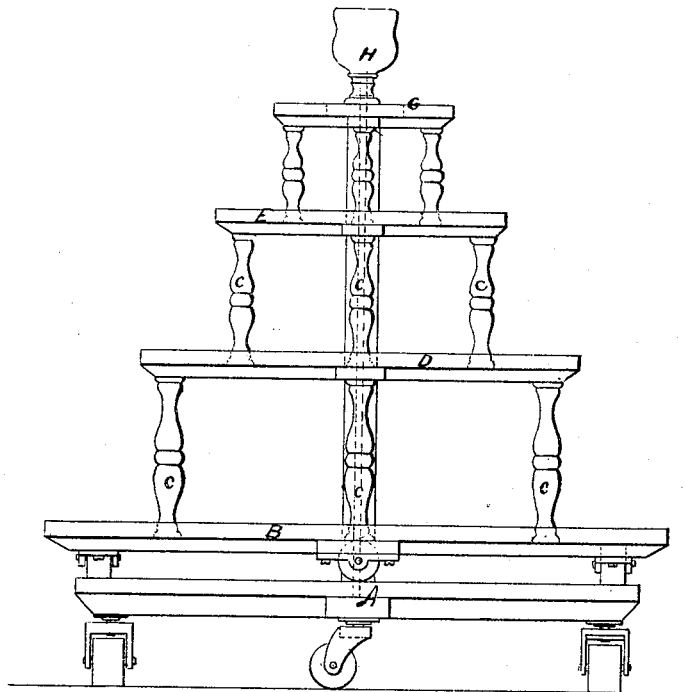


E. D. Cartelow,

Flower Stand.

No. 111,608.

Patented Feb. 7. 1891.



WITNESSES

Geo. W. Smith

J. H. Loomis

E. D. Cartelow
INVENTOR

United States Patent Office.

ELIJAH D. CASTELOW, OF MERIDEN, CONNECTICUT.

Letters Patent No. 111,608, dated February 7, 1871.

IMPROVEMENT IN FLOWER-STANDS.

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, ELIJAH D. CASTELOW, of Meriden, in the county of New Haven and State of Connecticut, have invented a new and improved Rotary Plant-Stand; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawing and to the letters of reference marked thereon.

Figure 1 is a side view of my improved plant-stand.

Figure 2 is a top or plan view of the same.

Similar letters of reference, when they occur in the separate views, indicate like parts.

My invention relates to an improvement in rotary plant-stands, and consists in forming the said stand in such a manner that it may be made to revolve or rotate upon a firm and substantial track or base, and the several tiers or shelves, being held or bound together by means of a central rod or bolt, may be easily taken apart and packed in a small space for convenience in transportation.

The particular advantage it has over the revolving plant or flower-stands now in use is that, in my invention, a track or support is placed under the lower or largest shelf, which is provided with rollers which travel upon the said track, and by this means the shelf is rotated. The other shelves are built up upon this one as a foundation, making the whole strong and capable of sustaining an unbalanced weight at any point without detrimental effects; whereas, in the ones now used, the receptacle for the plants is supported by a long rod or pivot, around which it revolves. A slight excess of weight upon one side will cause it to tip over, and, beside this, it is very bulky to handle and ship, and doubly as expensive as my arrangement.

To enable others skilled in the art to make and use my invention, I will proceed to describe the construction and operation of the same.

A is the foundation or track, made in a circular form, and placed upon casters in order that it may be easily moved about. It is made sufficiently strong to support all the weight that can possibly be put upon the whole structure.

B is the lower and largest shelf, made circular in form, and of sufficient width to receive a large plant-jar.

Upon the under side of this shelf, and about mid-

way between its outer and inner edges, a series of rolls is placed equidistant from each other, and all traveling upon the track A.

This shelf is strongly braced from side to side through the center.

Upon these braces, and just inside the shelf, four upright standards, C, are raised of the required height, and also a hollow standard at the center.

Upon these the next shelf, D, is placed, the outside diameter of which is about the same as the inside diameter of the shelf below.

This shelf is braced across in a similar manner to the shelf B, and has standards connected with it for the support of the shelves E and G above.

Although four shelves are all that are shown, more may be provided, if necessary, by having the lower shelf made larger.

F is a bolt-rod, extending through the hollow central standards from the foundation or track A, to which one end is secured, to the top of the upper shelf E.

The upper end of this rod is provided with an ornamental nut, H, by means of which the whole structure is bound together and made thoroughly secure.

To pack the device for shipment, all that is required is to remove the nut H, after which the upper shelf may be taken off and the standards upon which it rests, then the next shelf and its standards may be removed; and so on until the whole is taken apart. The bolt F can then be detached from the track, and the whole packed in a very small compass.

Having thus fully described my invention,

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

The rotary plant-stand, as herein described, composed of a series of graduated shelves, all arranged to transmit their weight to the lower shelf, which revolves or rotates upon a track-support, the whole held together by means of a central bolt-rod, in the manner and for the purpose substantially as herein specified.

This specification signed and witnessed this 21st day of November, 1870.

ELIJAH D. CASTELOW

Witnesses:

GEO. GIBBONS,
ASA A. SMITH.