(No Model.)

H. L. STARKS.

FLOWER STAND.

No. 387,825. Patented Aug. 14, 1888.

Fig. 1.

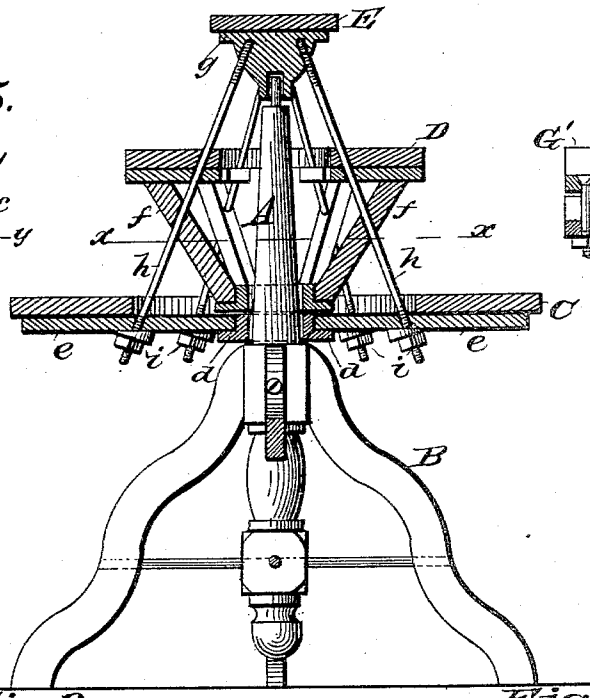


Fig. 5.

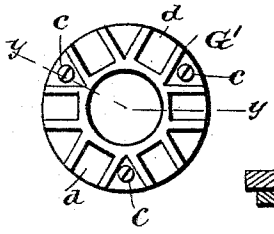


Fig. 6.

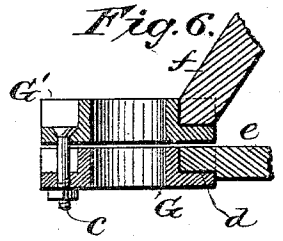


Fig. 2.

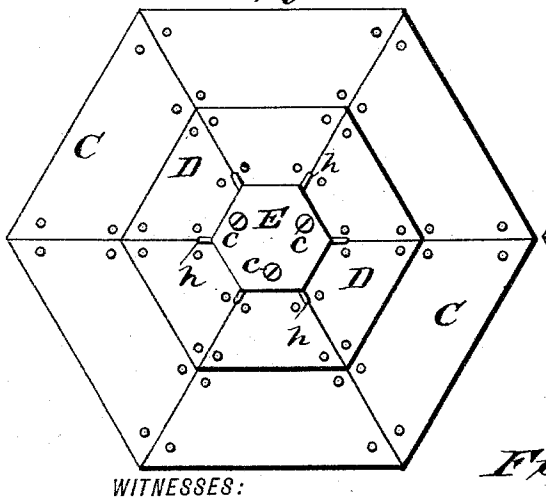


Fig. 3.

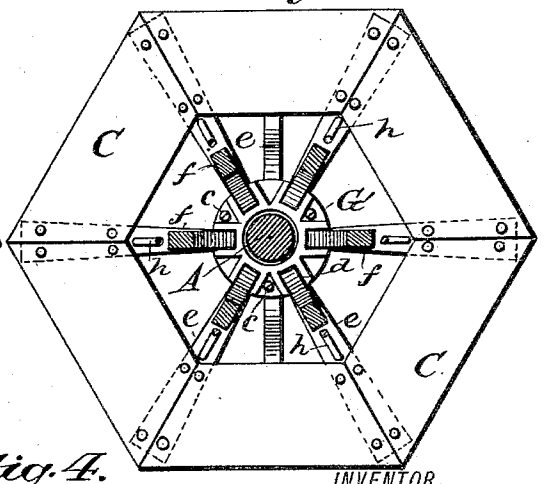
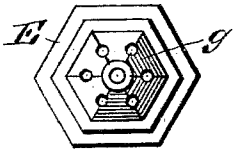


Fig. 4.



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UNITED STATES PATENT OFFICE.

HERBERT LEE STARKS, OF PRESTON, CONNECTICUT.

FLOWER-STAND.

SPECIFICATION forming part of Letters Patent No. 387,825, dated August 14, 1888.

Application filed May 11, 1888. Serial No. 273,559. (No model.)

To all whom it may concern:

Be it known that I, HERBERT LEE STARKS, of Preston, in the county of New London and State of Connecticut, have invented a new and useful Improvement in Flower-Stands, of which the following is a full, clear, and exact description.

This invention is an improvement in the class of stands for flowers or house-plants designed to set before a window and made to revolve for the purpose of more effectually and conveniently taking care of and tending the plants upon the stand; and the invention includes certain novel constructions and combinations of parts, substantially as hereinafter described, and pointed out in the claim.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 represents a vertical section of a flower-stand embodying my invention; Fig. 2, a plan of the same; Fig. 3, a horizontal section upon the line *x x* in Fig. 1; Fig. 4, an inverted plan of the top piece of the stand; Fig. 5, a top view of a revolving socket casting or piece, which is made in two parts, is applied to the bottom shelf, and also aids to support the shelf next above the bottom one; and Fig. 6 is a transverse section of the same upon the line *y y* in Fig. 5.

The stand, taken as a whole, may be made of various sizes to suit different-sized windows and be constructed of different materials. While it may carry any number of revolving shelves, it will suffice to describe it as having three, including the rotating top.

A is a central post, on or about which the several shelves revolve, and which is supported by any suitable base, B. The lower shelf, C, is the largest one, the next shelf, D, one of smaller size, and the upper one or top, E, a still smaller and central shelf.

G is a lower section or piece, and G′ an upper section or piece, both arranged within the central or eye portion of the bottom shelf and free to revolve around the post. These two sections or pieces G G′, although here shown as independent castings, virtually form but a single ring or socket-piece, and are bolted together, as at *c*. The lower section or piece, G, is constructed with marginal recesses *d* to receive and hold the inner ends of the arms *e* of the lower shelf, C, and the upper section or piece, G′, is similarly recessed to receive and hold the lower ends of the upwardly-diverging braces *f*, which serve to carry the second shelf, D. The upper shelf or top, E, is fastened, by screws or otherwise, to a base portion, *g*, which may be of metal, and which is supported by and free to turn upon the top of the post A, that has an attached upwardly-projecting pin for the purpose, said pin entering a cavity or bearing in the base or cap portion *g*. This base or upper rotating shelf or cap-piece carries the whole weight of the shelves. Thus said top-shelf portion or its base part is connected with the lower shelf, C, by diagonal brace-rods *h*, fitted to screw at their upper or converging ends into the piece *g*, and fastened below or beneath the lower shelf, C, by nuts *i*. These bolts or rods *h* also pass through the braces *f*, which support the shelf D, and which incline in a reverse direction to the rods *h*. By this arrangement the shelf D is supported in its horizontal position in part by the rods *h* and in part by the braces *f*; also, the bottom shelf, C, which is supported by the rods *h*, is held down to its place by the braces *f*, that support the shelf D next above it, and the whole series of shelves are hung to rotate in a free and level manner upon top of the post A.

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

In a revolving stand for flowers and plants, the combination, with the post A and socket-piece G G′, of the rotating shelves C D and cap E, the diagonal braces *f*, supporting the shelf D, and the diagonal rods *h*, passing through said braces and connecting said cap and lower shelf, C, all as shown and described.

HERBERT LEE STARKS.

Witnesses:

ARTHUR REID,

ALFRED E. STARKS.