(No Model.)

W. H. TINGLE.

FLOWER STAND.

No. 284,090. Patented Aug. 28, 1883.

Fig. 1.

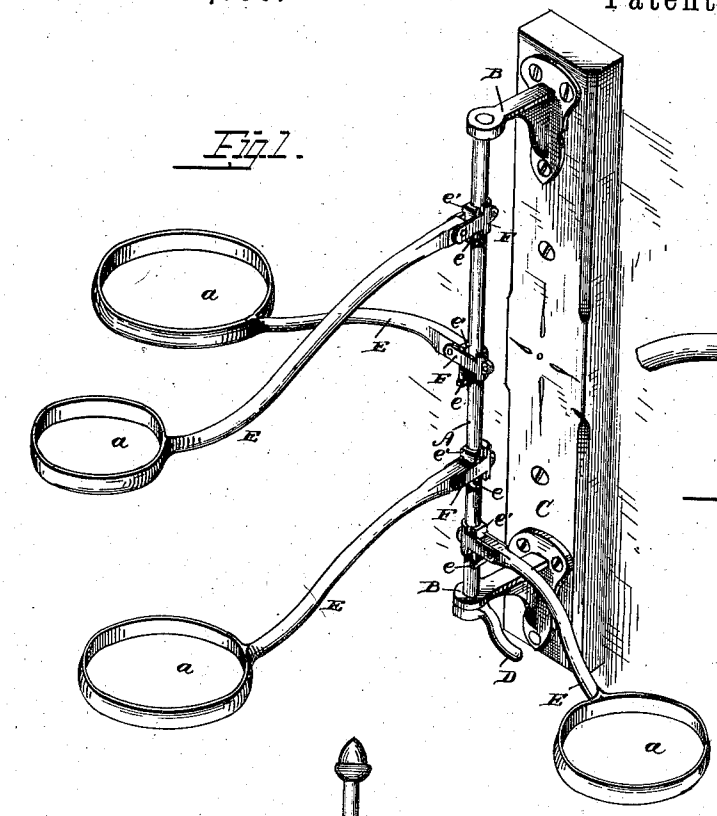


Fig. 2.

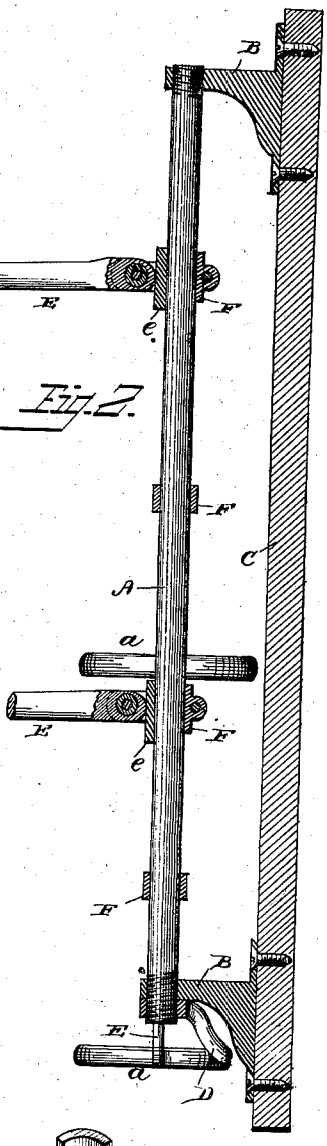


Fig. 4.

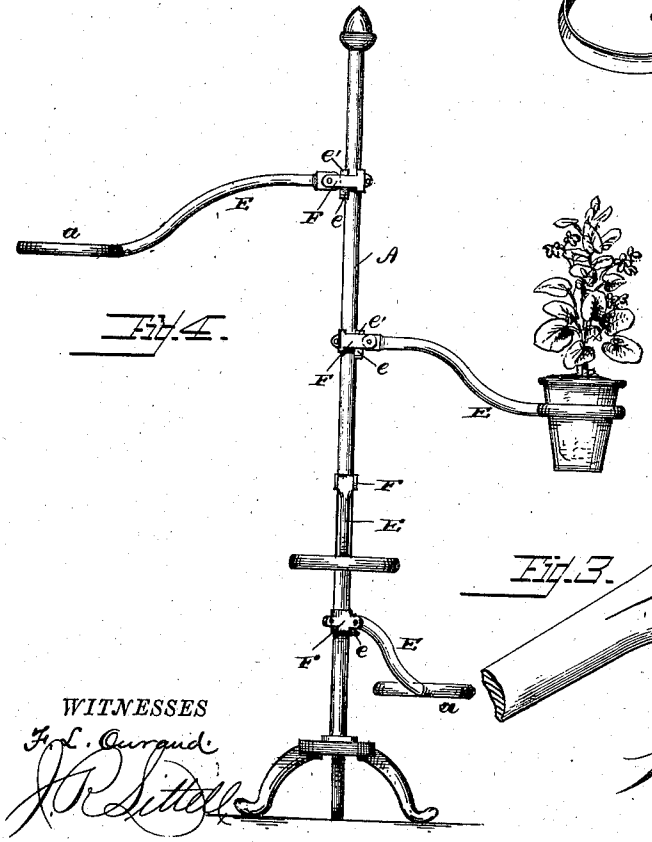
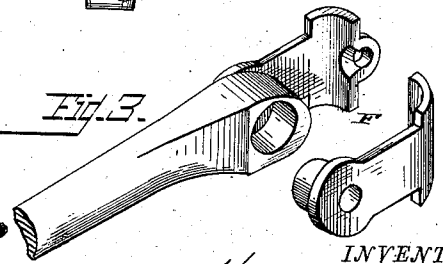


Fig. 3.



WITNESSES

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UNITED STATES PATENT OFFICE.

WILLIAM H. TINGLE, OF DAYTON, OHIO.

FLOWER-STAND.

SPECIFICATION forming part of Letters Patent No. 284,090, dated August 28, 1883.

Application filed April 28, 1883. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. TINGLE, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented a new and useful Flower-Stand, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to flower stands or racks; and it consists in certain novel constructions and combinations, whereby a simple, inexpensive, and efficient stand is produced, as hereinafter fully set forth, and particularly pointed out in the claims.

In the accompanying drawings, Figure 1 represents a perspective view of my flower-stand applied to a wall, in the form of a bracket. Fig. 2 represents a vertical section of the same. Fig. 3 represents a detail view of one of the arms, with its attachments to the stem of the bracket; and Fig. 4 represents a modification of Fig. 1, showing a portable flower-stand capable of being moved, as desired, along the floor of a room.

Like letters refer to corresponding parts in all the figures.

Referring to the drawings, A designates a suitable stem detachably secured at the top and bottom to a bracket, B, said bracket being adapted to be attached to any portion of the wall of a room. This bracket may be attached directly to the wall or to an intermediate board, C, which is then secured to the wall. An internally screw-threaded arm, D, works on the screw-threaded end of the stem and holds said stem from rocking when in use.

E designates a series of curved arms, pivoted in clips F, attached to the stem. The clips carry blocks *e*, fitting loosely in the same, and concaved to fit the outer surface of the stem, and provided with shoulders *e'* at the top and bottom, to prevent said pieces from falling out of place. The arms E are formed cam-shaped at their inner ends, which press against the blocks *e* when in use. In operation the arms are extended, as shown in the drawings, and in the act of extending the cam-shaped inner ends press against the blocks *e* and hold said arms at right angles to the stem. When the arms reach this position, they cannot by any manner of means be pressed farther down, as the shape of the inner ends prevent downward displacement of the arms. The arms fold up against the face of the stand, and this feature proves convenient in transportation, or when said arms are not in use. As shown, the clips F slide vertically on the stem, and also swing horizontally, thereby permitting a swinging movement of the arms, and also the vertical adjustment of the said arms in conjunction with the folding movements. The arms are preferably made in one piece with the cam-shaped ends, and the openings *a* in the arms may be varied in size to fit all sizes of pots. Any number of these pot-holding arms can be arranged on the stem A, as found convenient and desirable.

In Fig. 4 I have illustrated a modified form of stand adapted to be moved from place to place, and forming a very desirable article of furniture. Legs with casters are secured on the stand, and, as seen in this view, the pot-holding arms are arranged in a regular series or order, each of said arms having the characteristics above described. The construction of the individual parts is the same in this view as in Fig. 1.

It is obvious that various modifications can be made in the construction of the foregoing without departing from the spirit or scope of my invention.

The chief advantages of my stand are its simple and inexpensive construction and efficient operation. It can be constructed to present a very attractive article of furniture.

Having thus described my invention, I claim—

1. In combination with the stem A, a series of pot-holding arms attached to said stem, said arms being formed cam-shaped at their inner ends, for the purpose set forth.

2. In a flower-stand, the combination, with the stem A, of a series of pot-holding arms having cam-shaped inner ends, clips for the attachment of said arms, and blocks *e*, carried by the clips, said blocks being formed with shoulders *e'* at the top and bottom to prevent their displacement, as set forth.

3. In a flower-stand, the combination of the stem with pot-holding arms attached to said stem, and clips for the attachment of said arms, said pot-holding arms being provided

with cam-shaped inner ends, for the purpose stated.

4. In a flower-stand, the combination of the stem A, with arms E attached to said stem, clips F, for the attachment of said arms, and blocks *e*, carried by said clips, said arms E having cam-shaped inner ends adapted to hold the arms extended, as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

WILLIAM H. TINGLE.

Witnesses:
URIAH C. HARTRANFT,
L. S. LA ROSE.