

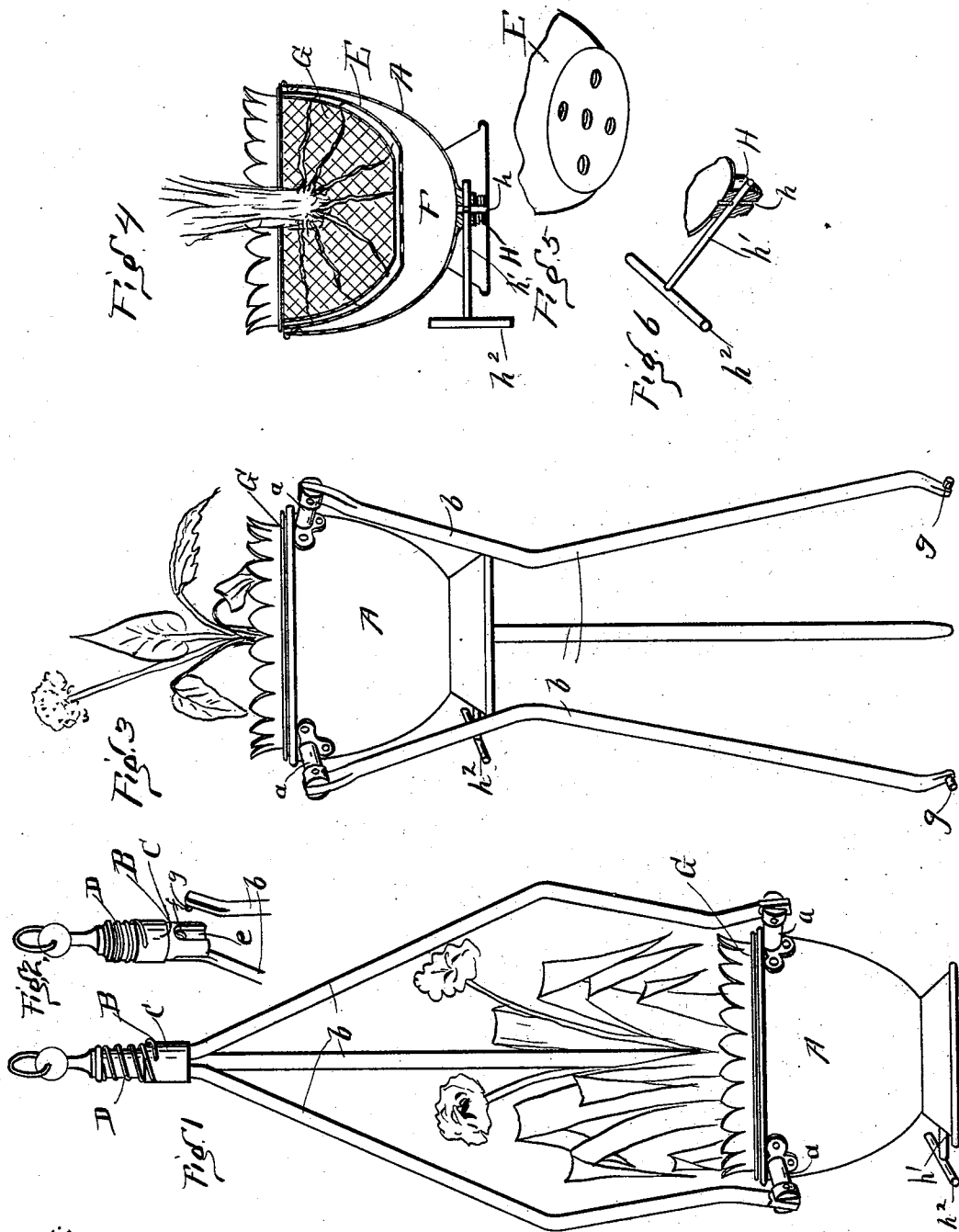
(No Model.)

2 Sheets—Sheet 1.

J. M. MYERS.
PLANT HOLDER.

No. 540,681.

Patented June 11, 1895.



WITNESSES
S. T. CROSS.

Edith Smith

INVENTOR.

John M. Myers
By *Fred W. Bond*
Attorney.

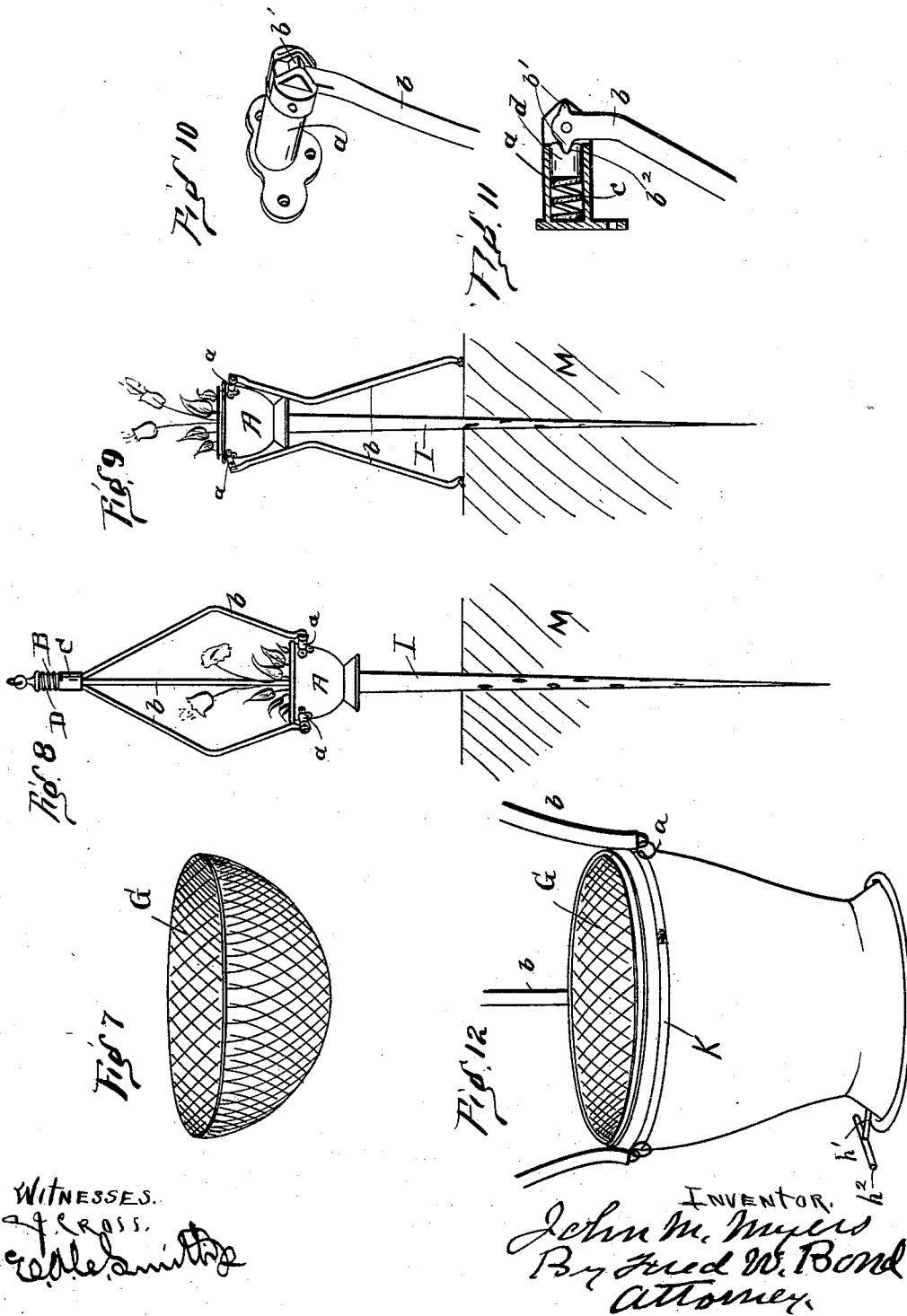
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UNITED STATES PATENT OFFICE.

JOHN M. MYERS, OF CANTON, OHIO.

PLANT-HOLDER.

SPECIFICATION forming part of Letters Patent No. 540,681, dated June 11, 1895.

Application filed December 7, 1894. Serial No. 531,076. (No model.)

To all whom it may concern:

Be it known that I, JOHN M. MYERS, a citizen of the United States, residing in the city of Canton, county of Stark, and State of Ohio, have invented certain new and useful Improvements in Plant-Holders; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters of reference marked thereon, in which—

Figure 1 is a side elevation showing the different parts placed in proper position to be suspended by means of a hook or its equivalent. Fig. 2 is a detached view of the head and its different parts to hold and retain the pivoted arms in an elevated position. Fig. 3 is a view showing a side elevation, the arms turned down to form supports for the holder. Fig. 4 is a vertical section of the vase and the different parts designed to be located therein. Fig. 5 is a view showing a portion of the inner cup or bowl. Fig. 6 is a vertical section of the drip-valve. Fig. 7 is a detached view of the earth-holding basket. Fig. 8 is a side elevation showing the device supported upon its drip-tube, also showing the arms elevated. Fig. 9 is a side elevation showing the arms turned down to assist in supporting the holder in an upright position. Fig. 10 is a detached view of one of the arms or lugs, showing a supporting-arm properly attached thereto. Fig. 11 is a longitudinal section of one of the arm-lugs, showing the location of the different parts belonging thereto. Fig. 12 is a side elevation of the holder, showing a slight modification.

The present invention has relation to plant holders and it consists in the different parts and combination of parts hereinafter described, and particularly pointed out in the claims.

Similar letters of reference indicate corresponding parts in all the figures of the drawings.

In the accompanying drawings A, represents the vase proper, which may be of any desired style, reference being had to properly attaching and adjusting the different parts belonging thereto. To the top or upper portion of the vase A, are securely attached in any convenient and well known manner the lugs

a, to the outer ends of which are pivotally attached the arms b, which arms may be of the form shown, or they may be of any other desired form, inasmuch as the objects hereinafter described can be carried out without reference to any particular form or style of the arms. For the purpose of assisting in holding the arms b either in an elevated position or a lowered one, the lugs a are provided with the springs c, which springs are located within the lugs, substantially as illustrated in Fig. 11. Within the lugs a and adjacent to the arms b, are located the disks d, which disks are held in contact with the inner edges of the arms b, by means of the helical springs e.

When it is desired to suspend the vase or holder together with its different parts the arms b are placed in the position illustrated in Fig. 1, and their top or upper ends secured together by means of the head B and its different parts. The bottom or lower portion of the head B is provided with the recesses e, and the apertures f, the recesses e, being for the purpose of receiving the top or upper ends of the arms b and the apertures being for the purpose of receiving the pins g, which pins are preferably formed integral with the arms b.

Upon the head B, is located the sliding collar or thimble C, which collar embraces the outer edges of the arms b, when said collar or thimble is placed in the position illustrated in Fig. 1. For the purpose of normally holding the collar or thimble C in the position illustrated in Fig. 1, the spring D, is provided, which spring is located substantially as illustrated in Figs. 1, 2 and 8.

When it is desired to change the position of the arms b to that illustrated in Figs. 3 and 9, the collar or thimble C is moved upward, thereby disengaging the arms b from the head B, at which time said arms are free to be turned downward so as to form supports for the vase and its different parts.

Within the vase or holder A is located the inner cup or bowl E, which cup is so formed that it will be supported and held in the position illustrated in Fig. 4. For the purpose of providing a space between the inner cup E, and the vase or holder A, said cup is formed of less depth than the depth of the vase A,

by which arrangement the space or chamber F is formed. For the purpose of providing for drainage the bottom or under side of the cup E is perforated, substantially as shown in Fig. 5. Within the cup E is located the basket or gauze vessel G, which basket is for the purpose of retaining the earth within which the plant is to be placed in the usual manner.

The object and purpose of providing the basket G is to provide for removing the plant without disturbing its roots or the ground, thereby providing a means for changing the plant to vases of different sizes as the plant grows.

The bottom or under side of the vase A, is provided with the screw-threaded nipple H, which nipple is provided with the aperture *h*, said aperture extending through the bottom of the vase, as illustrated in Fig. 4. For the purpose of closing the aperture *h*, the valve *h'* is provided, said valve being provided with the handle *h*² or its equivalent. It will be understood that by providing the valve *h'* water that has percolated through the earth can be withdrawn.

The object and purpose of providing the screw-threaded nipple H is to provide a means for attaching the perforated drip tube I to said nipple, it being understood that the top or upper end of said tube is to be screw-threaded upon its inner periphery.

The tube I is to be attached to the vase when it is desired to place the vase, together with its different parts upon a lawn said tube being pointed so that it can be easily inserted into the ground; and it should be of such a length that it will provide support for the vase together with its different parts, and at the same time hold said vase in an upright position after the tube has been properly inserted into the ground. The tube I is perforated for the purpose of removing excessive quantities of water from the earth contained in the plant holder proper during the time of excessive wet weather. If desired the arms *b*, can be turned downward as illustrated in Fig. 9, thereby assisting in holding the vase in an upright position.

If in any event it is desired to form guards for the plant, the arms *b* may be placed in the position illustrated in Fig. 8, which arms will serve as supports for a covering in case it is desired to protect the plant from frost or from any other danger.

In Fig. 12 I have illustrated a slight modification for attaching the arms to the vase,

which modification consists in providing a ring or band such as K, and providing said ring with lugs *a*, which lugs are the same in construction as those attached to the vase A.

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

1. The combination of the vase A, provided with hinged arms, and having located therein the cup E formed of less depth than the depth of the vase; the wire or gauze basket G, located within the cup E; the detachable perforated drain tube I; and a valve located in the lower portion of the vase, substantially as and for the purpose specified.

2. The combination of the vase A, provided with pivoted arms, the screw-threaded nipple H, and an aperture located through said nipple and the bottom of the vase; a valve located in the bottom or lower portion of the vase; and a detachable perforated drip tube, substantially as and for the purpose specified.

3. The combination of the vase A provided with the pivoted arms *b*, having the pins *g*; the head B provided with the sliding collar C; and the helical spring D, substantially as and for the purpose specified.

4. The combination of the vase A, having pivotally attached thereto the arms *b*; and means for securing said arms in an elevated or lowered position, substantially as and for the purpose specified.

5. The combination of the vase A provided with lugs having pivotally attached thereto the arms *b*; the springs *c*; and the disks *d* located within the lugs, and adjacent to the arms *b*, substantially as and for the purpose specified.

6. The combination of the vase A, provided with hollow lugs, containing springs; notched disks bearing against said springs; and pivoted arms having lugs to engage the notches, substantially as and for the purpose specified.

7. The combination of the vase provided with pivoted arms, having pins *g*; the head B, provided with recesses and the apertures *f*; the sliding collar or thimble C, located upon the head; and the spring D, substantially as and for the purpose specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JOHN M. MYERS.

Witnesses:

JOSEPH FREASE,
C. J. CROSS.