

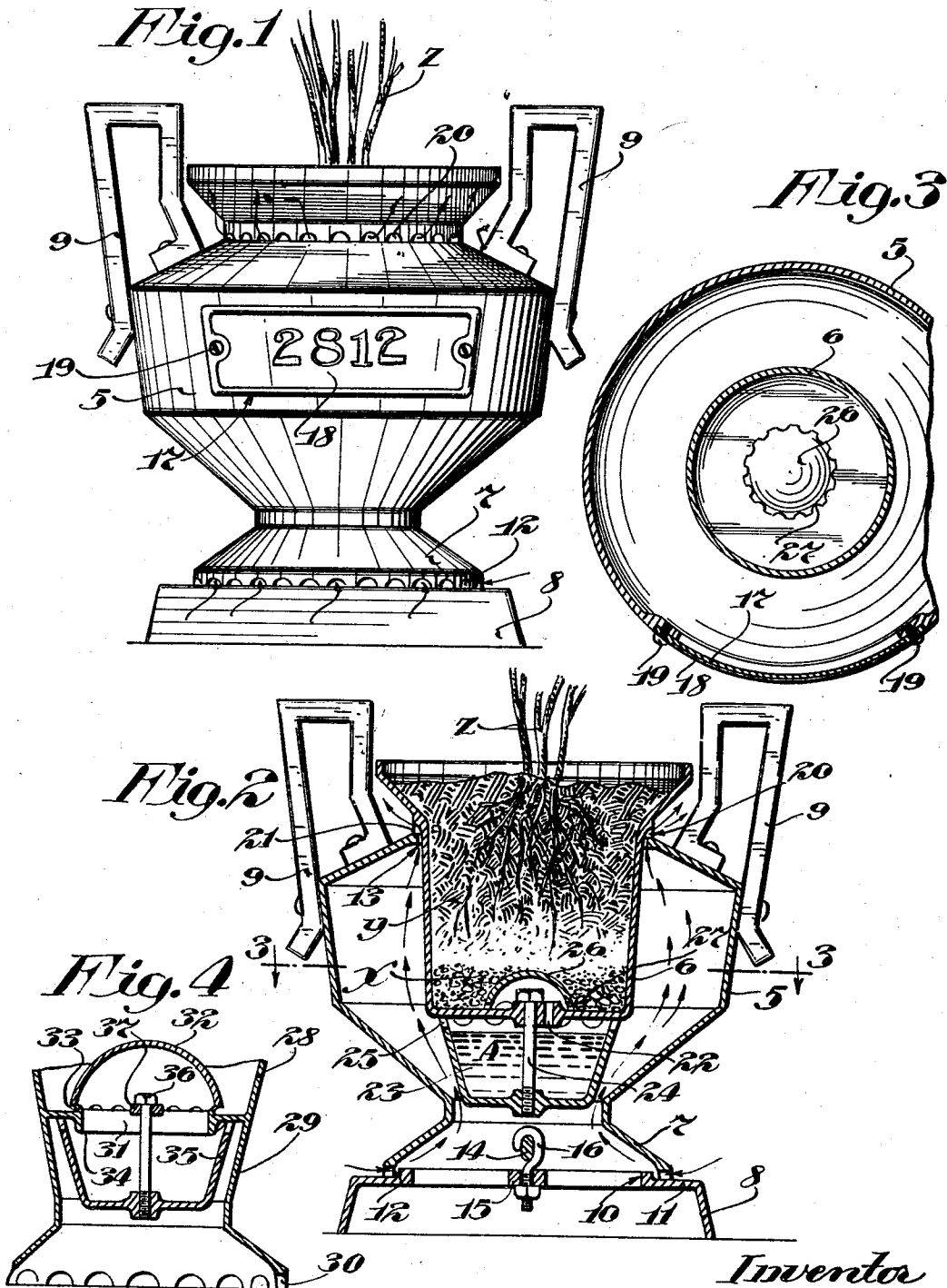
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A. BJORKLUND

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FLOWERPOT OR URN

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Inventor
Arvid Bjorklund
By their Attorneys
Wheeler and Kellogg

UNITED STATES PATENT OFFICE

ARVID BJORKLUND, OF MINNEAPOLIS, MINNESOTA

FLOWERPOT OR URN

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My present invention has for its object to provide a highly efficient flower pot intended for general use but especially well adapted for use on porches, buttresses, and the like.

To the above end, generally stated, the invention consists of the novel devices and combinations of devices hereinafter described and defined in the claims.

In the accompanying drawings, which illustrate the invention, like characters indicate like parts throughout the several views.

Referring to the drawings:

Fig. 1 is a front elevation showing one form of the invention;

Fig. 2 is a view principally in transverse vertical section;

Fig. 3 is a horizontal section taken on the line 3—3 of Fig. 2; and

Fig. 4 is a fragmentary view in transverse vertical section showing another form of the invention.

The numerals 5 and 6 indicate respectively outer and inner separable shells, preferably formed from cast metal, the former of which is provided with a hollow bottomless base comprising upper and lower sections 7 and 8, respectively, and a pair of diametrically opposite handles 9. An annular upstanding retaining bead 10 is formed with the flat inturned annular top member of the base section 8, and the base section 7 loosely rests on said top member and is spaced outwardly from the bead 10 to leave an air passageway therebetween. The purpose of the retaining bead 10 is to keep the upper base section 7 centered on the lower base section 8. Formed in the lower supporting edge of the upper base section 7 are a multiplicity of notch-like air passageways 12 and similar air passageways 13 are formed in the edge of the contracted upper end portion of the shell 5. An upper flat bar 14 is formed with the base section 7, and a lower flat bar is formed with the base section 8. These bars 7 and 8 are vertically spaced from each other, the former vertically edgewise and the latter horizontally edgewise. The base sections 7 and 8 are detachably connected and held in proper assembled relation by a bolt 16, hooked over the upper bar 14, extended through a hole on the longitudinal

center of the bar 15 and secured thereto by a nut applied to said bolt.

Formed in the front of the outer shell 5 is a relatively large aperture 17 which extends circumferentially around said shell and is normally closed by a cover plate 18. This cover plate 18, as shown, is removably mounted in a rabbeted seat in the shell 5 and is detachably secured thereto by screws 19 having relatively fine screw threads that will strip and permit the cover plate 18 to give away under excessive predetermined pressure on said cover from the inside of the shell 5. A name, house number, or other indicia may be cast with the name plate 19.

The primary object of providing the shell 5 with the releasable cover 18 is to prevent cracking of the shell 5 in case ice should form therein. The large aperture 17 facilitates the casting of the outer shell, and prevents the same from cracking during contraction of the metal.

The outer shell 5 serves as an urn, and the inner shell 6 serves as the flower pot proper. This inner shell 6 has a flaring top portion and at the junction thereof with the body of said shell is an external annular supporting shoulder 22, which rests on the top of the shell 5 and loosely supports the inner shell suspended within said outer shell.

By reference to Fig. 2, it will be noted that the inner shell 6 is spaced from the upper edge of the outer shell 5 to leave an air passageway therebetween, and the shoulder 20 is provided with a multiplicity of circumferentially spaced notch-like air passageways 21 that lead from the passageway between the two shells 5 and 6. Formed in the bottom of the inner shell 6 are one or more drain holes 22, which also serve as air passageways.

An open top water receptacle 23 is secured to the shell 6 under the bottom thereof by means of a headed bolt 24, which extends through a bossed seat in the bottom of said inner shell at the axis thereof, and has screw threaded engagement with a bossed opening in the bottom of said receptacle. This bolt 24 holds the upper edge of the water recep-

tacle 23 in contact with the bottom of the shell 6, and formed in the upper edge portion of said receptacle is a multiplicity of notch-like air passageways 25.

5 The screw thread on the bolt 24 is relatively fine so that it will strip and permit the water receptacle 23 to give away under excessive predetermined pressure caused by the freezing of water in said receptacle to prevent cracking thereof. The sides of the water receptacle 23 are spaced from the sides of the shell 5 to permit circulation of air therebetween.

15 A cap 26 in the form of an inverted bowl is removably supported on the bottom of the inner shell 6 and covers the head of the bolt 24 and the air passageway 22, and has formed in its edge portion notch-like combined water drain and air passageways 27. The bottom of the inner shell 6 is filled with coarse gravel or other material to facilitate drainage, and the balance of said shell is filled with earth *y*, in which is planted a flower or other plant *z*.

25 By reference to Fig. 2, it will be noted, by the arrows marked thereon, that there is a free circulation of air into the outer shell 5, through the passageways 12, between the base sections 7 and 8, completely around the water receptacle 23 and inner shells 6, and from said inner shell through the passageways 13 and 21. There is also a free circulation of air from the interior of the shell 5, into the top of the water receptacle, through the passageways 25, and into the shell 6, through the passageways 22 and 27, and hence upward through the materials *x* and *y*. The water in the receptacle is indicated by the letter *a*.

30 The purpose of the water receptacle 23 is to collect water from the shell 6 caused by excess watering of the plant or the flower *z* to prevent the water from running onto the floor or other support for a flower pot, through the passageways 22 and 27. More or less of the water *a* will evaporate and be again carried into the shell 6 with the circulation of air as previously explained.

35 Referring now to the invention as disclosed in Fig. 4, the numeral 28 indicates a cast shell supported on a hollow, open bottom base 29 integral therewith and having in its lower edge a plurality of notch-like air passageways 30. Formed in the bottom of the shell 28 is a large axial opening 31, which is covered by a cap 32 similar to the cap 23. This cap 32 is loosely supported on the bottom of the shell 28 and has in its lower edge portion a plurality of combined water drain and air passages 33. Formed with the bottom of the shell 28 is a depending annular drip bead 34.

40 A water receptacle 24 is held by a headed bolt 36 suspended from the bottom of said shell 28, under the aperture 31. This bolt

36 extends through a bar 37, which may be formed with the cap 32 or loosely supported on the bottom of the shell 28, and has screw threaded engagement with a bossed opening in the bottom of said receptacle. The screw thread on the bolt 36 is relatively fine so that it will strip the under excessive pressure in the receptacle 35 due to freezing, and release said receptacle to prevent cracking thereof. A multiplicity of air passageways 38 are formed in the upper edge portion of the water receptacle 35, and which edge portion of said receptacle is held against the bottom of the shell 28 by the bolt 36. The air passageways 30, 28, and 33 and the aperture 31 permit free circulation of air into the shell 28, through the water receptacle 25 and cap 32. In this type of flower pot, the flower will be planted directly in the shell 28. This shell 28 may also be provided with a cover plate similar to 18.

The drip bead 34, which extends within the water receptacle 35, causes the drainage from the shell 28 to drop directly into said receptacle instead of following the bottom of said receptacle and onto the support on which the flower pot rests.

What I claim is:

1. A device of the class described comprising an open top shell having a drain hole in its bottom, a water receptacle, and a bolt detachably securing the water receptacle to the shell, the screw thread on said bolt being arranged to give away and to release the water receptacle from the shell under excessive pressure from within the receptacle.

2. A device of the class described comprising outer and inner shells, the latter of which is removably mounted in the former and provided with a drain hole in its bottom, a water receptacle detachably secured to the inner shell under the drain hole, a cap on the bottom of the inner shell for the drain hole and having an air passageway, said outer shell having upper and lower air passageways for the passage of air there-through, said water receptacle having an air passageway for the passage of air from the outer shell, through the water receptacle and into the inner shell through the drain hole.

3. The structure defined in claim 2 in which said outer shell has in its side an aperture, and in further combination with a cover for the aperture, and fastening means securing the cover to the outer shell and adapted to give away under excessive predetermined pressure from within the outer shell and release the cover.

4. The structure defined in claim 2 in further combination with fastening means attaching the water receptacle to the inner shell and adapted to give away under excessive predetermined pressure from within the water receptacle.

5. A device of the class described com-

prising an open top shell, a water receptacle
below the shell, a cover between the shell
and receptacle, a hollow base for the shell
and receptacle, and air passageways in the
base, receptacle, and between the shell and
5 receptacle for the circulation of air there-
through and for drainage from the shell to
the receptacle and overflow from the recep-
tacle through the base.

10 In testimony whereof I affix my signature.
ARVID BJORKLUND.

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