



US009226456B2

(12) **United States Patent**  
**Nelson et al.**

(10) **Patent No.:** **US 9,226,456 B2**  
(45) **Date of Patent:** **Jan. 5, 2016**

(54) **METHODS AND APPARATUS FOR  
VERTICAL HANGING PLANT CONTAINER**

(71) Applicant: **Woolly Pocket Corporation**, Los  
Angeles, CA (US)

(72) Inventors: **Miguel E. Nelson**, Los Angeles, CA  
(US); **Sherry L. Walsh**, Los Angeles,  
CA (US); **Rodney L. Nelson**, Phoenix,  
AZ (US)

(73) Assignee: **Woolly Pocket, LLC**, North Kansas  
City, MO (US)

(\*) Notice: Subject to any disclaimer, the term of this  
patent is extended or adjusted under 35  
U.S.C. 154(b) by 23 days.

(21) Appl. No.: **13/740,487**

(22) Filed: **Jan. 14, 2013**

(65) **Prior Publication Data**

US 2013/0125459 A1 May 23, 2013

**Related U.S. Application Data**

(63) Continuation-in-part of application No. 13/066,950,  
filed on Apr. 28, 2011, now Pat. No. 8,567,122, which  
is a continuation-in-part of application No.  
PCT/US2010/000743, filed on Mar. 10, 2010.

(60) Provisional application No. 61/336,985, filed on Jan.  
29, 2010, provisional application No. 61/209,768,  
filed on Mar. 10, 2009.

(51) **Int. Cl.**  
**A01G 9/02** (2006.01)  
**A01G 9/10** (2006.01)

(52) **U.S. Cl.**  
CPC **A01G 9/022** (2013.01); **A01G 9/02** (2013.01);  
**A01G 9/025** (2013.01); **A01G 9/1006** (2013.01)

(58) **Field of Classification Search**

CPC ..... A01G 9/02; A01G 27/02; A01G 27/06;  
A01G 9/022; A01G 9/023

USPC ..... 47/67, 79, 81, 83, 82, 65.6, 48.5

IPC ..... A01G 27/00, 27/02, 27/06

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

1,317,569	A *	9/1919	Forster	47/79
2,514,269	A *	7/1950	Wilberschied	47/81
3,243,919	A *	4/1966	Carlson	47/79
3,857,934	A	12/1974	Bernstein et al.	
4,077,511	A *	3/1978	Mosijowsky	206/0.5
4,115,951	A *	9/1978	Becker et al.	47/81
4,142,324	A *	3/1979	Magyar, Jr.	47/75

(Continued)

**FOREIGN PATENT DOCUMENTS**

FR 470151 \* 3/1914

*Primary Examiner* — Shadi Baniani

*Assistant Examiner* — Magdalena Topolski

(74) *Attorney, Agent, or Firm* — The Noblitt Group, PLLC

(57) **ABSTRACT**

Methods and apparatus for vertical hanging plant container according to various aspects of the present invention comprise a container comprising a moisture impermeable reservoir and an air and moisture permeable zone. The reservoir may be disposed along a bottom section of the container to serve as a moisture storage region allowing moisture to be wicked upwards by the soil in the container. The air and moisture permeable zone may be located above the reservoir in at least one sidewall of the container and allow for the transfer of air and moisture between the soil and an exterior environment surrounding the container.

**5 Claims, 13 Drawing Sheets**

