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Bryant**

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(54) **SELF-CONTAINED PLANT WATERING  
APPARATUS SYSTEM**

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(56) **References Cited**

U.S. PATENT DOCUMENTS

1,538,081 A \* 5/1925 Bank ..... A47G 7/045  
47/67  
3,015,024 A \* 12/1961 Charchan ..... A01G 9/12  
174/38

4,760,666 A \* 8/1988 Han ..... A01G 27/003  
47/67  
4,951,416 A \* 8/1990 Gutridge ..... A01G 31/02  
47/39  
5,411,562 A \* 5/1995 Saparzadeh ..... A01G 27/00  
47/4  
5,806,239 A \* 9/1998 Wesolowski ..... A01G 27/005  
47/39  
6,247,266 B1 \* 6/2001 Borgen ..... A01G 27/00  
47/58.1 R  
6,843,022 B1 \* 1/2005 Holley ..... A47G 7/041  
47/39  
8,756,860 B1 \* 6/2014 Murphy ..... A47G 7/042  
47/47  
2002/0189163 A1 \* 12/2002 Cooper ..... A01G 27/005  
47/39  
2005/0081441 A1 \* 4/2005 Mantovani ..... A01G 9/024  
47/67  
2007/0084114 A1 \* 4/2007 Simmons ..... A01G 27/005  
47/82  
2007/0101645 A1 \* 5/2007 Christopher ..... A01G 27/006  
47/67  
2010/0037517 A1 \* 2/2010 Copping ..... A01G 9/022  
47/79

(Continued)

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(57) **ABSTRACT**

The object of the present invention to provide an improved plant watering system which can be easily hooked up and provides a regulated flow of water to any type of plant. It is another object of the present invention to provide an improved watering apparatus, which can be easily hooked up to any type of irrigation system available, and keep the planter and/or plant hanger from corrosion and wear by keeping the water in a flexible hose threaded through the wood post and/or steel tubing structure. It is a further object of the present invention to provide an improved watering apparatus, which is simple and inexpensive in construction, which can be used indoor or outdoor for growing and displaying plants.

**4 Claims, 17 Drawing Sheets**

