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**Robinson**

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(54) **SELF WATERING PLANT HANGER**

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(58) **Field of Classification Search** ..... 47/48.5, 47/67, 40.5, 82, 79; 248/154, 220.21, 146; 222/465.1, 478

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,054,210 A \* 9/1962 Kratzer et al. .... 239/654

3,900,134 A \* 8/1975 Larson ..... 222/52

4,060,934 A \* 12/1977 Skaggs ..... 47/79  
4,392,594 A \* 7/1983 Swett et al. .... 222/530  
4,760,666 A \* 8/1988 Han ..... 47/79  
4,825,591 A 5/1989 Han  
4,848,029 A \* 7/1989 Han ..... 47/79  
5,052,149 A \* 10/1991 Johnson ..... 47/67  
5,062,239 A \* 11/1991 Helton ..... 47/79  
5,315,787 A 5/1994 Schleicher, I et al.  
5,921,443 A 7/1999 McMillan  
6,173,530 B1 \* 1/2001 Holt ..... 47/66.1  
2002/0116870 A1 8/2002 Chen  
2004/0251282 A1 \* 12/2004 Butler ..... 222/383.1  
2005/0051231 A1 \* 3/2005 Harding ..... 141/2

\* cited by examiner

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(57) **ABSTRACT**

An automatic watering and fertilizing device in the form of a large watering can having a spout. The device incorporates a battery-powered timer dispenser that can be programmed to dispense a desired water fertilizer mixture. A plastic drum is housed in the watering can and contains the water fertilizer mixture. The drum contains enough mixture to feed the plants for approximately one week. A quick connect hose is utilized to refill the drum. Refilling the drum is the only regular maintenance required. A plant basket is suspended from the spout of the watering can. The device is adapted to be secured to a supporting object such as a post or a wall.

**11 Claims, 5 Drawing Sheets**

