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**United States Patent** [19]

Lee

[11] **Patent Number:** 5,276,996[45] **Date of Patent:** Jan. 11, 1994[54] **CREEPING PLANT SUPPORTING FRAME ASSEMBLIES**

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45 C, 47 S, 27[56] **References Cited****U.S. PATENT DOCUMENTS**

587,581 8/1897 Horan ..... 47/45 C  
903,986 11/1908 Klahn ..... 47/45 C  
4,914,857 4/1990 Dodgen ..... 47/45 C  
5,048,231 9/1991 Brown ..... 47/45 C

**FOREIGN PATENT DOCUMENTS**

274936 2/1963 Australia ..... 47/45 R  
0386402 9/1990 European Pat. Off. .... 47/45 C

34887 12/1964 German Democratic Rep. .... 47/45  
133573 10/1947 Hungary ..... 47/45 R

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A creeping plant supporting frame assembly includes a plurality of upright support frames, which are each comprised of a plurality of elongated upright rods spaced from one another around a circle and connected together by a spiral tie bar around the periphery, anchor rods for supporting the upright support frames on the ground, a meshed head frame supported over the upright support frames for climbing creeping plants, feeder bottles respectively suspended on the upright support frames for watering and feeding liquid fertilizer, and baskets and hangers respectively hung on the upright support frames for carrying fruits.

**7 Claims, 5 Drawing Sheets**