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**Pieters**

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(54) **CHRYSANTHEMUM PLANT NAMED 'GEDI ONE AVI'**

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(\*) **Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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(52) **U.S. Cl.** ..... **Plt./289**

(58) **Field of Search** ..... **Plt./289, 286, 295**

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

PP10,208 P	1/1998	Pieters	Plt./289
PP10,215 P *	1/1998	Pieters	Plt./289
PP10,216 P	1/1998	Pieters	Plt./290
PP10,463 P	6/1998	Wain	Plt./289

\* cited by examiner

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(57) **ABSTRACT**

A new and distinct Chrysanthemum plant variety characterized by a Large decorative type inflorescence, consistent flowering response to short days, blooming consistently after 49 days of short day length, free branching habit, and consistent natural season flowering habit during the first two weeks of September.

**1 Drawing Sheet**

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**LATIN NAME**

*Dendranthema morifolium.*

**VARIETY**

'GEDI ONE AVI'.

**BACKGROUND OF THE INVENTION**

The present invention relates to a new and distinct cultivar of Chrysanthemum plant, herein after referred to by the cultivar name 'GEDI ONE AVI'. This new cultivar originated from hybridization of a female Chrysanthemum plant cultivar 'Pinos' (U.S. Plant Pat. No. 10,208) with a male Chrysanthemum plant cultivar 'Dark Veria' (U.S. Plant Pat. No. 10,215). The new cultivar was discovered by the inventor in October 1997.

Asexual reproduction of the new cultivar by apical tip cutting and meristem tissue culture was performed in Oxnard, Calif. and has shown that the unique features of this new cultivar are stable and reproduced true to type on successive generations.

**SUMMARY OF THE INVENTION**

The cultivar 'GEDI ONE AVI' has not been observed under all possible environmental conditions. The phenotype may vary somewhat with variations in environment such as temperature, daylength, and light intensity, without, however, any variance in genotype.

The following traits have been repeatedly observed and are determined to be the unique characteristics of 'GEDI ONE AVI'. These characteristics in combination distinguish 'GEDI ONE AVI' as a new and distinct Chrysanthemum:

1. Large decorative type inflorescence;
2. Consistent flowering response to short days, blooming consistently after 49 days of short day length;
3. Free branching habit; and

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4. Consistent natural season flowering habit during the first two weeks of September.

Plants of the new cultivar are similar to plants of the parent cultivar, 'Pinos', in most horticultural characteristics, however plants of the new cultivar differed from plants of the cultivar 'Pinos' in the following characteristics:

1. The new cultivar has a wider diameter flower;
2. The new cultivar is taller and wider.

Plants of the new cultivar are similar to plants of the parent cultivar, 'Dark Veria', in most horticultural characteristics, however plants of the new cultivar differed from plants of the cultivar 'Dark Veria' in the following characteristics:

1. The new cultivar has a wider diameter flower;
2. The new cultivar has many more ray florets than the parent;
3. The new cultivar naturally blooms three weeks earlier; and
4. The new cultivar is taller and wider.

The new cultivar can be compared to the Chrysanthemum cultivar 'CLEAGAR GF1' (disclosed in U.S. Plant Pat. No. 10,463). However plants of the new Chrysanthemum differed from the plants of the cultivar 'CLEAGAR GF1' in the following characteristics:

1. New cultivar naturally blooms 2 weeks earlier;
2. New cultivar has larger diameter blooms;
3. New cultivar has more blooms per flowering branch; and
4. New cultivar is taller and wider.

**BRIEF DESCRIPTION OF THE PHOTOGRAPHS**

The photograph shows a plant of 'GEDI ONE AVI' grown in a 6-inch container. A single cutting was used in the container.