

[54] **CHRYSANTHEMUM PLANT DIANA**

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[57] **ABSTRACT**

The present invention relates to a new and distinct cultivar of Chrysanthemum Plant, named Diana, a sport of Dolly, distinguished from its parent, as well as any other variety known to me, by its darker lavender flower color and its increased "rolled" or "spoon shaped" petals. The new cultivar, Diana, is similar to its parent Dolly in all other major aspects.

[21] Appl. No.: **495,473**

[22] Filed: **May 17, 1983**

[51] Int. Cl.³ **A01H 5/00**

[52] U.S. Cl. **Plt./76**

[58] Field of Search **Plt./76**

Primary Examiner—James R. Feyrer

1 Drawing Figure

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BACKGROUND OF THE INVENTION

This invention relates to a new and distinct variety of chrysanthemum plant named DIANA which is a sport of the cultivar Dolly, an unpatented commercial variety.

This sport was discovered and selected by us from a flowering of Dolly in our commercial greenhouses in Carpinteria, Calif. on Oct. 21, 1981 because of its unique darker lavender flower color and slightly increased "rolled" or "spoon-shaped" petals. The distinguishing characteristics which are outstanding in the new cultivar and which distinguish it from its parent are as follows:

1. Darker flower color.
2. 5 to 6% more petals "rolled" or "spooned" in shape.

This dark sport is similar to Dolly in the following characteristics:

1. Foliage.
2. Size of flower.
3. Herbaceous plant form with vigorous, upright, branching growth.
4. Flowering response.

Asexual reproduction and flowerings of this new cultivar by cuttings was performed at Carpinteria, Calif. and Fremont, Calif. in commercial greenhouses. The new cultivar was found to retain its distinctive characteristics as listed herein through successive propagations.

BRIEF DESCRIPTION OF THE DRAWINGS

The photo depicting the overall form and appearance of the plant does not illustrate the true color of the blooms. The blooms in this photograph show a subdued pink color and do not illustrate the true violet shade of the new cultivar. It does, however, illustrate the vigorous, upright growth habit and strong straight stems.

The photo showing a close up view of the blooms, does illustrate the true color of the new cultivar.

The parentage of the new chrysanthemum plant is as follows: Sport of unpatented commercial variety, Dolly.

The classification of the new variety is as follows:

Botanical: *Chrysanthemum morifolium*, Ramat.

Commercial: Standard spray

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The following detailed botanical description is based on observations of plants grown inside commercial greenhouses at Fremont, Calif., and Carpinteria, Calif.

The height of plant and flower and foliage size established as an average using standard commercial cultural practices and the recommended treatment of long day control as known in the industry: one to two weeks long days before initiation of short days. The data provided, accurately characterizes the sport in question. Color designation and other values stated may deviate slightly from the stated values from flowering to flowering, but the deviations will be within the range expected from varying environmental, seasonal, and cultural conditions. The form of the plant is Herbaceous and it grows in an upright branching manner. The following table compares the new cultivar with its parent Dolly.

TABLE OF COMPARISON

	New Cultivar (Diana)	Dolly
PLANT:		
Height	120 cm	Same
Response	9 weeks	Same
Form	Herbaceous	Same
Growth:	Vigorous, upright, branching	Same
Blooming Season:	Year around	Same
FOLIAGE:		
Color - Upper side	136 A	Same
Lower side	138 A	Same
Size: Length	15.25 cm × 8.6 cm width	Same
Quantity	Numerous	Same
Shape	Obvate lobed	Same
Texture	Smooth	Same
Ribs and Veins	Prominent	Same
Margins	Deeply indented	Same
Serration	Slightly to moderate	Same
Stipules	Rudimentary	Same
BLOOM:		
Size	8.89 cm	Same
Borne	Clusters on elongated pedicels	Same
Stem Strength	Strong	Same
Form	Decorative	Same
Color:		
Center	77a-77B	74A
Upper side	77B-77C	76A-76B
Lower side	77C-77D	76C-76D
Tonality	orchid to light purple	Lavender to Orchid
PETALS:		
Texture	Smooth	Same
Appearance	Open at base, broadening quickly	Same

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<u>TABLE OF COMPARISON</u>		
	New Cultivar (Diana)	Dolly
and form	to wide flat keel tapering to a blunt point.	
Arrangement	Composite	Same
Persistence	Resists shattering	Same
Fragrance	Typical chrysanthemum	Same
<u>REPRODUCTION</u>		
<u>ORGANS:</u>		
Stamen	2 to 15	Same

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<u>TABLE OF COMPARISON</u>		
	New Cultivar (Diana)	Dolly
5 Pollen Arrangement	None to scant Clustered in center of flower if present	Same Same
Styles Length	Present in both ray & disc florets Short	Same Same
10 Ovaries	At base of petal attached to receptacle	Same

We claim:

1. A new and distinctive cultivar of chrysanthemum
15 plant, substantially as herein described, and distinguished from its parent by a darker flower color and increased "rolled" or "spoon shaped" petals.

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U.S. Patent

Jun. 18, 1985

Plant 5,496



U.S. Patent

Jun. 18, 1985

Plant 5,496



UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : PP 5496

DATED : June 18, 1985

INVENTOR(S) : Margot J. Persoon and Johannes A. Persoon

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

The photograph depicting the overall form and appearance of the plant should be inserted as per attached sheet

In column 1, line 47, delete "p0" before the word "Botanical".

In column 2, line 42, delete "77a" and insert ---77A---.

In column 1, after line 39, insert the following:

DETAILED DESCRIPTION OF THE DRAWING

The following is a detailed description of the new Chrysanthemum plant of the present invention. The color terminology used in the following is in accordance with the Royal Horticultural Society Colour Chart.

In column 2, line 28, the designation "136A" and "same" should be moved to line 29 after the words "Upper side".

On the title page, "1 Drawing Figure" should read --2 Drawing Figures--.

Signed and Sealed this

Nineteenth Day of August 1986

[SEAL]

Attest:

DONALD J. QUIGG

Attesting Officer

Commissioner of Patents and Trademarks