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**Pieters**

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(54) **CHRYSANTHEMUM PLANT NAMED**  
**'ORANGE URANO'**

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(58) **Field of Search** ..... **Plt./290**

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(\*) **Notice:** Subject to any disclaimer, the term of this  
patent is extended or adjusted under 35  
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(57) **ABSTRACT**

A new plant variety of chrysanthemum producing flowers  
with orange ray florets.

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**1 Drawing Sheet**

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**BACKGROUND OF THE INVENTION**

The present invention is directed to a new and distinct  
variety of *Chrysanthemum morifolium*. The varietal denomi-  
nation of the new chrysanthemum is 'ORANGE URANO'.

The new variety was discovered as a single branch  
mutation of 'Red Urano'. The new variety has been asexu-  
ally reproduced by vegetative cuttings in Ventura County,  
Calif. and the distinguishing characteristics are retained  
through successive generations of asexual reproduction.

**SUMMARY OF THE INVENTION**

'ORANGE URANO' is a chrysanthemum plant that pro-  
duces flowers with orange ray florets.

**COMPARISON WITH PARENTS**

'ORANGE URANO' differs from its parent in having  
different color florets.

**BRIEF DESCRIPTION OF ILLUSTRATIONS**

The accompanying photograph shows a typical specimen  
of the plant and flowers of the new variety with colors being  
as nearly true as possible with illustrations of this type.

**DESCRIPTION OF THE PLANT**

The following description of the new variety is of speci-  
mens grown in a greenhouse in Ventura County, Calif. Plants  
described are approximately 95 days old from a rooted  
cutting. 'ORANGE URANO' has not been observed under  
all possible environmental conditions. The phenotype may  
vary with variations in the environment such as temperature,  
light intensity, day length and cultural conditions. The color  
designations herein are from The *Royal Horticultural Soci-  
ety Colour Chart* except where general terms are used.

To produce a commercial product the plants may be  
pinched once about ten days after planting. No growth  
retardant has been applied in the specimens described.  
Useful growing conditions include average night tempera-  
tures of about 17° C. to 20° C. and average day temperatures  
of about 20° C. to 30° C. No susceptibility or resistance to  
disease has been observed. Resistance or susceptibility to  
insects has not been observed. Seed production has not been  
observed. Winter hardiness and drought/heat tolerance have  
not been observed.

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**PLANT**

Plant type: Herbaceous perennial.  
Growth habit: Mounding.  
Size: Height about 25 cm, width about 27 cm.  
Growth rate: Moderate.  
Branching characteristics: Very free branching, lateral  
branches are approximately 21 cm.

**FOLIAGE**

Arrangement: Alternate.  
Compound or simple: Simple.  
Quantity of leaves: Many.  
Leaf size:  
Length.—About 6 cm.  
Width.—About 3.5 cm.  
Leaf shape: Ovate, margin palmately lobed.  
Leaf tip: Acuminate.  
Leaf base: Attenuate.  
Leaf attachment: Stalked.  
Petiole: Length about 2 cm, diameter about 0.3 cm. color  
near 138C.  
Margin type: Serrate.  
Texture: Lightly pubescent.  
Color:  
Young foliage upper side.—Near 138A.  
Young foliage under side.—Near 138B.  
Mature foliage upper side.—Near 138A.  
Mature foliage under side.—Near 138A.  
Venation: Net.  
Color.—Venation upper side: Near 138C. Venation  
under side: Near 138C.

**BLOOM**

Inflorescence:  
Flowering habit.—Induced by darkness period greater  
than 13.5 hours. Approximately 50 days of day  
length required to induce and develop blooms.  
Inflorescence form.—Decorative, opening to a multi-  
plex daisy, multiplex daisy is a term used to describe  
many rows of ray florets and a very small disc  
presence, when the inflorescence ages the disc florets  
become visible and create a very small disc, for the  
majority of the inflorescence life the disc is not  
visible and the form is considered decorative.

*Natural flowering season.*—Around the last week in August and early September in Ventura County, Calif.

*Quantity of inflorescences per stem.*—About 14.

*Inflorescence diameter.*—About 5.5 cm.

*Inflorescence depth.*—About 2 cm.

*Disc diameter.*—About 1 cm.

*Inflorescence longevity on plant.*—About 20 to 25 days.

*Persistence.*—Persistent.

Ray florets:

*Appearance.*—Matte.

*Texture.*—Smooth.

*Number.*—About 200.

*Shape.*—Oblanceolate.

*Margin.*—Entire.

*Tip.*—Obtuse.

*Length.*—About 4 cm.

*Width.*—About 1.5 cm.

*Color.*—The term “mixed” is used below to imply the coloration of the ray floret is an irregular combination of the described colors. Upper side: First opening: Near 28A mixed with 15A. Mature: Near 32A mixed with 34A. Fading: Near 32A mixed with 28A. Under side: First opening: Near 28B mixed with 16A. Mature: Near 28A. Fading: Near 28A mixed with 17B.

Disc florets:

*Appearance.*—Shiny.

*Texture.*—Smooth.

*Number.*—About 50.

*Shape.*—Cylindric.

*Tip.*—Obtuse.

*Length.*—About 1 cm.

*Width.*—About 0.1 cm.

*Color.*—First opening: Near 17A. Mature: Near 17B.

Fading: Near 22A.

Peduncle: About 0.3 cm in diameter.

*Length.*—Terminal, shortest: About 6 cm. Lateral, longest: About 9 cm.

*Color.*—Near 138A.

*Strength.*—Moderate.

*Habit.*—Erect.

Inflorescence bud:

*Length.*—About 1 cm.

*Diameter.*—About 1 cm.

*Form or shape.*—Globular.

*Color.*—Near 32A.

Involucral bracts: Length about 0.8 cm, width about 0.7 cm.

*Appearance.*—Matte.

*Texture.*—Lightly pubescent.

*Number.*—About 20 to 30.

*Shape.*—Ovate.

*Margin.*—Entire.

*Tip.*—Acute.

*Color.*—Upper side: Near 138A. Under side: Near 138A.

#### REPRODUCTIVE ORGANS

Ray florets:

*Pistillate.*—Pistil length in the ray florets is about 1.1 cm. Pistil number: 1 per flower. Stigma shape: 2 branched. Stigma color: Near 7A. Style length: About 1 cm. Style color: Near 6D.

Disc florets:

*Pistillate.*—Pistil length in the disc floret is about 1 cm. Pistil number: 1 per flower.

*Stigma shape.*—Cylindric.

*Style length.*—About 0.8 cm.

Staminate:

*Stamen number.*—About 5.

*Anther shape.*—Tubular.

*Anther color.*—Near 16A.

*Pollen color.*—Near 23B.

What is claimed:

1. A new and distinct chrysanthemum plant of the variety substantially as herein shown and described.

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