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Noodelijk

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[54] **CHRYSANTHEMUM PLANT NAMED 'REMCO'**

[56] **References Cited**

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U.S. PATENT DOCUMENTS

P.P. 6,621 2/1989 Mack et al. Plt./289

[73] Assignee: **Chrysanthemum Breeders Association N.V.**, Netherlands

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[21] Appl. No.: **09/149,459**

[57] **ABSTRACT**

[22] Filed: **Sep. 9, 1998**

A new and distinct cultivar of chrysanthemum plant named Remco, bearing medium sized blooms with pinkish white ray florets and an orange-red center and performance of 21 days.

[51] **Int. Cl.⁷** **A01H 5/00**

[52] **U.S. Cl.** **Plt./286**

[58] **Field of Search** Plt./286, 287, 297, Plt./294

2 Drawing Sheets

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2

BACKGROUND OF THE INVENTION

The new plant of the present invention comprises a new and distinct cultivar of chrysanthemum plant that was discovered and selected as one flowering plant within the progeny of a cross of a pollination of a group of chrysanthemum cultivars on a female parent chrysanthemum cultivar named 'Dark Eyes' (U.S. Plant Pat. No. 8,244) in a controlled environment in Ter Ar, Holland.

Remco may be planted yearround under greenhouse conditions in Holland.

The first act of asexual reproduction of Remco was accomplished when vegetative cuttings were taken from the initial selection in August 1992 in a controlled environment in Ter Ar, Holland.

The following is a description of the plant and characteristics (color designations are from The R.H.S Colour Chart) that distinguish it from related known varieties and its antecedents. In the following table format, botanical information is also set forth for 'Remco Yellow', a related cultivar which is described in U.S. Plant patent application Ser. No. 09/149,461.

SUMMARY OF THE INVENTION

The present invention is a new and distinct variety of chrysanthemum bearing medium sized blooms with pinkish-white ray florets and an orange-red center.

The color designations are taken from the plant itself. Accordingly, any discrepancies between the color designations and the colors depicted in the photographs are due to photographic tolerances.

BRIEF DESCRIPTION OF THE DRAWINGS

The present invention of a new and distinct variety of chrysanthemum is shown in the accompanying drawings, the color being as nearly true as possible with color photographs of this type.

FIG. 1 shows the stem of the cultivar in full bloom.

FIG. 2 shows the various stages of bloom of the new cultivar.

FIG. 3 shows foliage and petiole of the new cultivar.

DESCRIPTION OF THE INVENTION

This new variety of chrysanthemum is of the botanical classification *Dendranthema grandiflora*. When grown in the vicinity of Ter Aar, Holland, it has a response time of approximately 8 weeks. This new variety produces medium sized blooms with pinkish-white ray florets and an orange-red center having a 3 week performance (i.e., vase life of 21 days). This new variety of chrysanthemum has been found to retain its distinctive characteristics throughout successive propagations. However, the phenotype may vary significantly with variations in environment such as light intensity and temperature. To show the phenotype as described, Remco may be planted under greenhouse conditions in Holland without assimilation lightning between week 2 and 40. With assimilation lightning (minimum level 2500 lux),

Botanical Description of Remco and Remco Yellow

CULTIVAR	REMCO	REMCO YELLOW
<u>Bud</u>		
Size	large cross section ± 1.5 cm height ± 1.2 cm	large cross section ± 1.5 cm height ± 1.2 cm
Outside Color	Mainly red 49D, red-purple 64D at the tip	yellow-orange 21A to red 46A at the tip
<u>Bloom</u>		
Size	medium	medium
Fully Expanded Borne	6-6½ cm upper portion single flower per peduncle, lower portion plural flower per peduncle	6-6½ cm upper portion single flower per peduncle, lower portion plural flower per peduncle
Number of Blooms per single stem	average of 11	average of 11
Peduncle Lengths	Near the top ±12 cm, near the middle ±26 cm, near the bottom ±28 mm.	Near the top ±12 cm, near the middle ±26 cm, near the bottom ±28 cm.
Peduncle Lateral Shoot, Attachment	medium	weak to medium
Peduncle Lateral Shoot, Angle	40°	35°-30°
Form	semi-double (anemone)	semi-double (anemone)
Performance	Good, 21 days (18°-20° C.)	Good, 21 days (18°-20° C.)

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Botanical Description of Remco and Remco Yellow		
CULTIVAR	REMCO	REMCO YELLOW
<u>Color</u>		
Center of Flower/ Disk floret	Between orange-red 33B and 34A with a dot in very center of red 53B	Greyed-orange 170A with a dot in the very center of greyed-red 178C
Color of the upper surface of the majority of the ray-florets	Red-purple 69C but slightly more white	Yellow-orange 16A
Color of the lower surface of the majority of the ray-florets.	red-purple 69B but slightly paler	yellow 10C with greyed-red 182D between the ribs
Tonality from Distance	a pinkish white anemone type flower with orange-red cushion	a yellow anemone type flower with a red tint and a greyed-orange cushion
Discoloration	ray-florets to almost white, center (cushion) to orange-red 34C	ray-florets to yellow-orange 16C, cushion to yellow 13A with greyed-red 178A at the tips
Pollen	not present	not present
<u>Ray Florets</u>		
Texture	upper side smooth, under side smooth	upper side smooth, under side smooth
Number	25–30 (two rows)	25–30 (two rows)
Cross-section	convex, no keels	convex, two keels
Longitudinal axis of majority	reflexing	straight
Shape of tip	dentate	rounded
Fragrance	typical chrysanthemum	typical chrysanthemum
Disc Diameter	large to very large (2.5–3.0 cm)	large to very large (2.5–3.0 cm)
<u>Reproductive Organs</u>		
Stamen (present in disc florets only)	yellow-green, thick ± 5 mm in length	yellow-green, thick ± 5 mm in length
Pollen	not present	not present
Styles (present in disc and ray florets)	green, thick	green, thick
Style Length	±7 mm	±7 mm
Stigmas	yellow-green	yellow-green
Stigma Width	±3 mm	±3 mm
Ovaries	enclosed in calyx	enclosed in calyx

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Botanical Description of Remco and Remco Yellow		
CULTIVAR	REMCO	REMCO YELLOW
<u>Plant</u>		
Form	spray mum meant for erect culture- Herbaceous	spray mum meant for erect culture- Herbaceous
Growth	medium	medium
Height	±110–120 cm	±110–120 cm
Stem Color	green 139A	green 146A
Stem Strength	medium to strong	medium to strong
Stem Brittleness	absent	present
Stem Anthocyanin Coloration	present (mainly at the base)	present (mainly at the base)
Internodes	medium (2.5–3.0 cm)	medium (2.5–3.0 cm)
Flowering Response (photoperiodic controlled crop, no natural growing)	8 weeks	8 weeks
<u>Foliage</u>		
Color	upper side between 137A and yellow-green 147A, underside near green 137B	upper side between 137A and yellow-green 147A, underside near green 137B
Size	length ±12 cm, width ±6 cm	length ±12 cm, width ±6 cm
Quantity (per single stem)	22–26	22–26
Shape	lobed	lobed
Texture	fleshy	fleshy
Ribs and Veins	ribs well developed, veins not so developed	ribs well developed, veins not so developed
Edge	crenated	crenated
Shape of Base of Sinus Between Lateral Lobes	round	round
Margin of Sinus Between Lateral Lobes	converging	converging
Shape of Base	uneven	uneven
Apex	cuspidate	cuspidate
Year of Discovery	1992	1993

I claim:

1. A new and distinct variety of chrysanthemum plant as described and illustrated.

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FIG. 1



FIG. 2

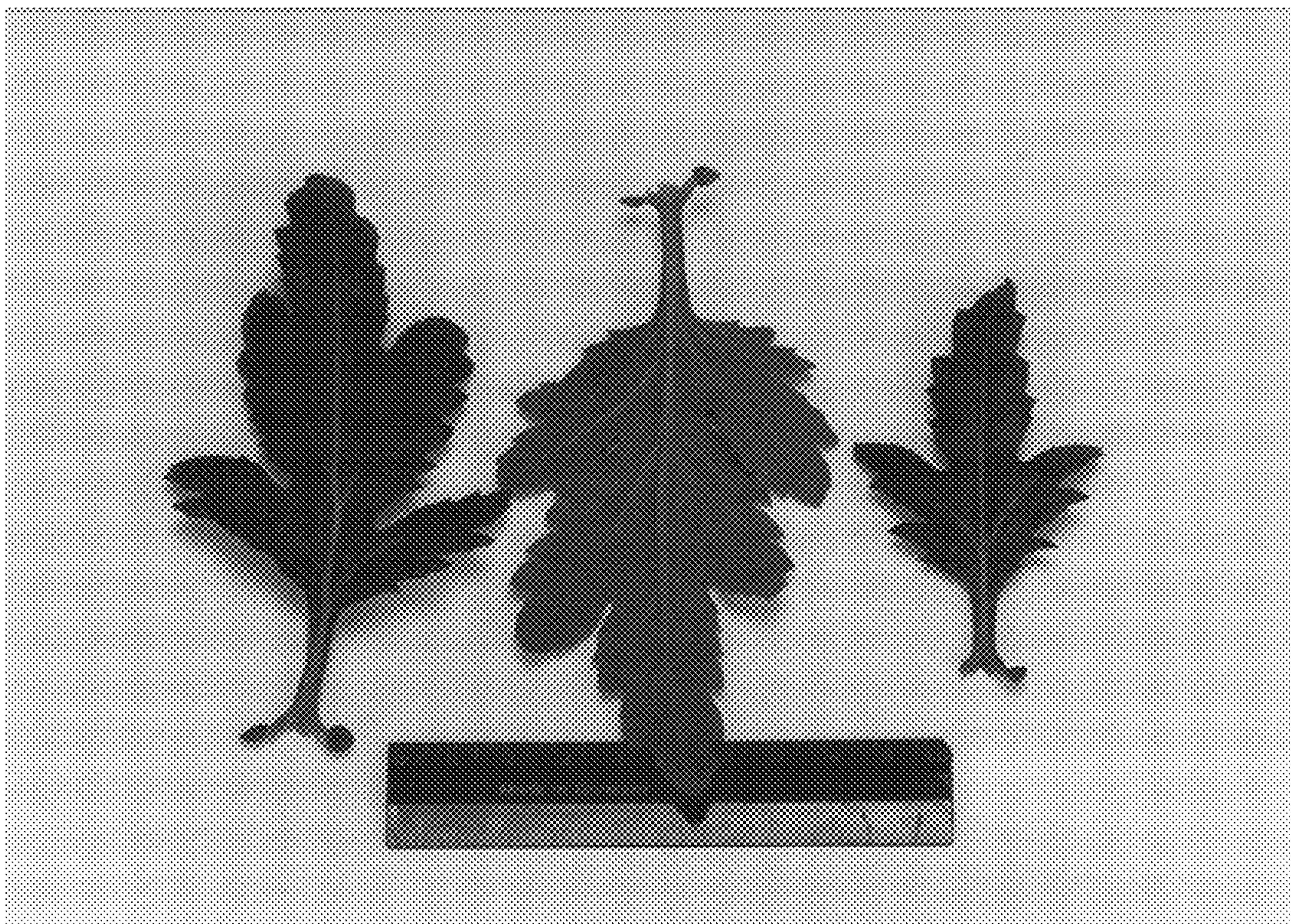


FIG. 3