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United States Patent [19] Vijverberg

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[54] CHRYSANTHEMUM PLANT NAMED
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[52] U.S. Cl. Plt./82.2

[58] Field of Search Plt./82.2, 82.3

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[57] ABSTRACT

A new and distinct cultivar of Chrysanthemum plant named 'Vyron', bearing medium sized yellow blooms with a brownish center and a performance of about 14 days.

2 Drawing Sheets

1

BACKGROUND OF THE INVENTION

The present invention comprises a new and distinct cultivar of Chrysanthemum plant which is a natural occurring sport of a parent Chrysanthemum named Regoltime (not patented). The new cultivar was discovered as a whole plant mutation in 1986 in a greenhouse at 's-Gravenzande in Holland. The invention has been asexually reproduced by cuttings at the same location. The new cultivar has been found to retain all of its distinctive characteristics through successive asexual propagations.

SUMMARY OF THE INVENTION

The present invention is a new and distinct variety of Chrysanthemum of a medium sized yellow bloom with a brownish center.

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. In this regard, the ray florets illustrated in FIG. 2 appear slightly darker and more orange than true.

FIG. 1 shows a 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 's-Gravenzande, Holland, it has a response time of approximately 9 weeks. This new variety produces medium sized yellow blooms with a brownish center having a 2 week performance (i.e., vase life of 14 days). This new variety of chrysanthemum has been found to retain its distinctive characteristics throughout successive propagations and may be planted under greenhouse conditions in Holland between weeks 2 and 32.

The following is a description of the plant and characteristics (color designations are from R.H.S. Colour Chart) that distinguish it from related known varieties and antecedents: 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.

2

CULTIVAR	VYRON	PARENT CULTIVAR REGOLTIME
<u>Color</u>		
Center of Flower/Disc Floret	Immature: brown 200 B merging to yellow-orange at the edge Mature: greyed-orange 172A, deepening to the center	Immature: yellow-green 144A Mature: yellow-green 144C
Colour of the uppersurface of the majority of the ray-florets	Nearest Yellow 9A	Nearest Yellow 9A
Colour of the lowersurface of the majority of the ray-florets	Nearest Yellow 9B	Between Yellow 6C and Yellow 7C
Tonality from Distance	A yellow daisy with a brown center	A yellow daisy with a green center showing no pollen
Discoloration	none	to Yellow 8A
Pollen	none	none
<u>Petals</u>		
Texture	Upperside smooth, underside smooth.	Upperside smooth, underside smooth.
Number	55-65, three rows	45-50, two rows
Cross-section	concave, one keel	convex, two keels
Arrangement	Imbricated	Imbricated
Persistence	Very good, petals keep straight total vaselife.	Very good, petals keep straight total vaselife.
Fragrance	Typical chrysanthemum	Typical chrysanthemum
Disc Diameter	medium (±1.7 cm)	medium (±1.5 cm)
<u>Reproductive Organs</u>		
Stamen	Yellow-green, thick, ±5 mm in length.	Yellow-green, thick, ±5 mm in length.
Pollen	none	none
Styles	green, thick	green, thick
Style Length	±5 mm	±5 mm
Stigmas	yellow-green	yellow-green
Sigma Width	±2 mm	±2 mm
Ovaries	enclosed in calyx	enclosed in calyx

Plant 10,850

3

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CULTIVAR	VYRON	PARENT CULTIVAR REGOLTIME
<u>Plant</u>		
Form	Spray mum meant for erect culture. Herbaceous.	Spray mum meant for erect culture. Herbaceous.
Growth	short to medium	short
Height	±100 cm	±100 cm
Stem Color	near green 137 A	yellow-green 146C
Stem Strength	strong to very strong	strong
Stem Brittleness	present	absent
Stem Anthocyanin Coloration	present	absent
Internodes	short, 2 cm	very short to short, 1½-2 cm
Flowering	9 weeks	10 weeks
Response		
<u>Foliage</u>		
Color	upperside between 137 A and yellow-green 147 A, underside near green 137 C	upperside green 137 A, underside green 137 C
Size	length ±11 cm, width ±7 cm	length ±12 cm, width ±8 cm
Quantity	26-30	28-32
Shape	lobed, see photograph	lobed
Texture	upperside fleshy, underside smooth, slightly hirsute	upperside fleshy, underside smooth, slightly hirsute
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 of Apex	truncate mucronate	cordate cuspidate
<u>Growth</u>		
Difference in average length	0	0

4

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CULTIVAR	VYRON	PARENT CULTIVAR REGOLTIME
<u>Response time</u>		
Difference in days of average response	0	0
Year of Discovery	1986	1980
<u>A botanical description of Vyron and its parent Regoltime:</u>		
<u>Bud</u>		
Size	large cross section 1.5 cm height ±1.2 cm	large cross section ±1.5 cm height ±1.2 cm
Form	round and flat	round and flat
Outside Color	near yellow-orange 15B	near yellow 7C
<u>Bloom</u>		
Size	medium	small
Fully Expanded	5-5½ cm	4½-5 cm
Borne	Upper portion single flower per peduncle, lower portion plural flower per peduncle. average 8	Upper portion single flower per peduncle, lower portion plural flower per peduncle. average 8
Number of Blooms per Stem per Spray		
Peduncle Lengths	Near the top ±6 cm Near the middle ±12 cm Near the bottom ±16 cm	Near the top ±6 cm Near the middle ±12 cm Near the bottom ±16 cm
Peduncle Lateral Shoot, Attachment	medium	medium
Peduncle Lateral Shoot, Angle	medium	small
Form	single (daisy)	single (daisy)
Performance	reasonable, 14 days (18-20° C.)	reasonable, 14 days (18-20° C.)

I claim:

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

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FIG. 1

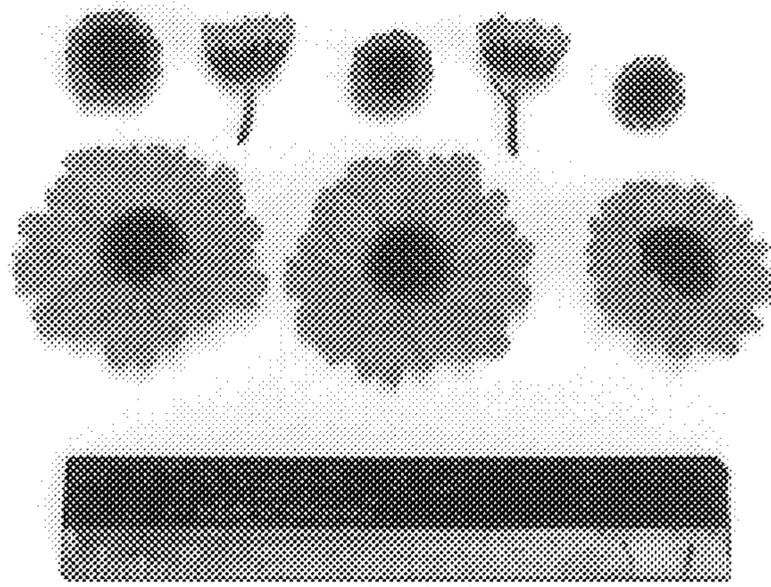


FIG. 2

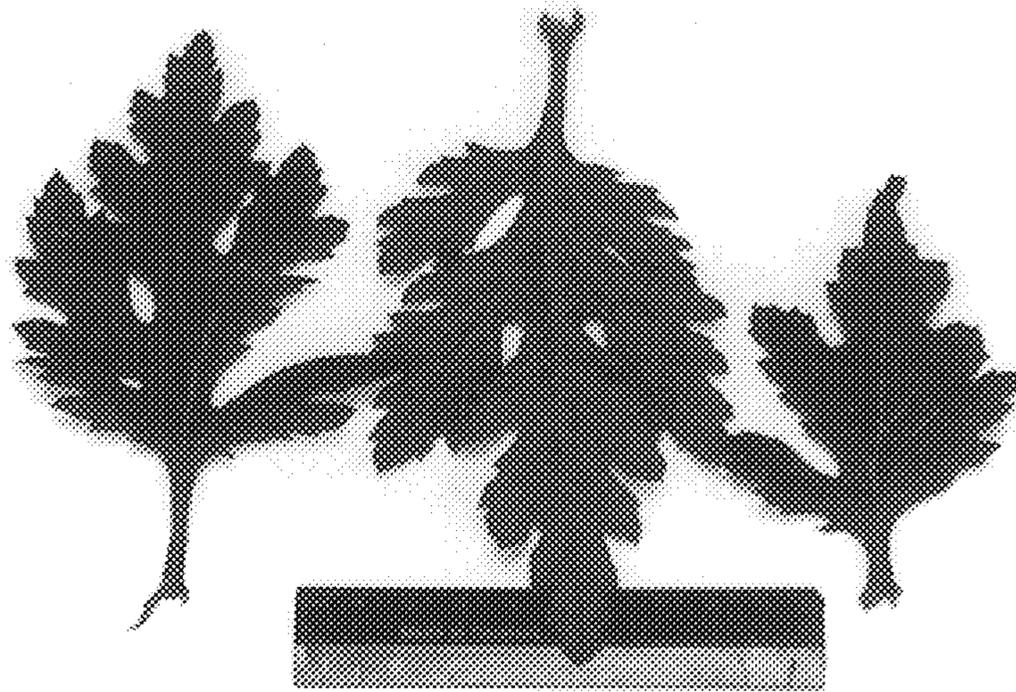


FIG. 3