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Noodelijk

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[54] CHRYSANTHEMUM PLANT NAMED
‘HERMES’

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[57] ABSTRACT

A chrysanthemum plant named Hermes characterized by its small sized blooms with purple ray florets and prolific branching; natural season flower date 4–7 September; blooming for a period of 7 weeks.

2 Drawing Sheets

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BACKGROUND OF THE INVENTION

The new plant of the present invention comprises a new and distant cultivar of chrysanthemum plant that is a cross of unknown *Dendratherma grandiflora* parents. The new and distinct cultivar was a seedling resulting from the open pollination amount groups of chrysanthemum cultivars maintained under the control of the inventor for breeding purposes. The new and distinct cultivar was discovered and selected as one flowering plant by Rob Noodelijk on a cultivated field in Rijsenhout, Holland in September, 1996. The plant has been asexually reproduced by cuttings in greenhouses at Rijsenhout, Holland. The new cultivar has been found to retain its distinctive characteristics through successive propagations.

SUMMARY OF THE INVENTION

The present plant is a new and distinct variety of chrysanthemum of a small sized bloom and purple color.

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 a plant of the cultivar in full bloom.

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

DESCRIPTION OF THE INVENTION

This new variety of chrysanthemum is of the botanical classification *Dendranthema grandiflora*. The observations and measurements were gathered from plants grown outdoors in Rijsenhout, Holland under natural day length and temperature and planted week 22 in 1997 and 1998. The natural blooming date of this crop was September 4–7 (week 36) with a photoperiodic response time of 49–51 days. The average height of the plants was 32–36 cms. This new variety produces small sized blooms with purple ray florets and yellow disc florets (only visible during bud and early stages of opening of the bloom).

The following is a description of the plant and characteristics that distinguish Hermes as a new and distinct variety.

The color designations (color designations are from The R.H.S. Colour Chart) 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.

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Botanical Classification	
CULTIVAR	HERMES
Bud	
Size	SMALL CROSS SECTION ± 1.0 CM HEIGHT ± 0.7 CM
Outside Color	RED-PURPLE 61 A
Bloom	
Size	SMALL
Fully Expanded	4–4½ CM
Borne (number of)	UPPER AND LOWER
blooms per branch)	PORTION PLURAL BLOOMS PER BRANCH (APPROX. 6–8 BLOOMS)
Length of lateral	FROM TOP TILL
branch	BOTTOM APPROX. 15 CM
Lateral branch,	MEDIUM
Attachment	
Branching	Prolific with 6–8 breaks after pinching
Form	DECORATIVE
Performance (on the	7 WEEKS
plant)	
Color	
Center of Flower	RED-PURPLE 61 A at mature stage When visible during bud and early stage of opening of the bloom Yellow 9 A
Color of the upper	RED-PURPLE 61 B
surface of the	
majority of the ray-	
florets	PURPLE 75 C
Color of the flower	
surface of the	
majority of the ray-	
florets	
Tonality from	A VIGOROUS
Distance	GARDENMUM WITH PURPLE DECORATIVE BLOOMS AND A SMALL YELLOW CENTER DURING BUD AND EARLY STAGES OF

-continued	
Botanical Classification	
CULTIVAR	HERMES
	OPENING OF THE BLOOM
Discoloration	TO PURPLE 75B
<u>Ray florets</u>	
Texture	UPPERSIDE SMOOTH
Number	UNDERSIDE SMOOTH
Cross-section	±210–230
Longitudinal axis of the majority	CONCAVE
Shape of tip	REFLEXING
Fragrance	POINTED
	TYPICAL
	CHRYSANTHEMUM
Disc Diameter	Approx. 0.5 cm
(natural season crop when visible)	
<u>Reproductive Organs</u>	
Stamen	NONE
Pollen	NONE
Styles (present in both ray and disc florets)	GREEN, THIN
Style Length	±4 MM
Stigmas	YELLOW - GREEN
Stigma Width	±1 MM
Ovaries	ENCLOSED IN CALYX
<u>Plant</u>	
Form	A GARDENMUM (POT MUM) MEANT FOR OUTDOOR USE
Growth	VIGOROUS
Height (from soil level)	±32–36 CM

-continued	
Botanical Classification	
CULTIVAR	HERMES
Stem Color	GREEN 137 A
Stem Strength	STRONG
Stem Brittleness	PRESENT
Stem Anthocyanin Coloration	PRESENT
Natural blooming date	4–7 September
<u>Foliage</u>	
Color	UPPERSIDE GREEN 137 A
	UNDERSIDE GREEN 138 B
Size	SMALL: LENGTH ± 5 CM
	WIDTH ±4 CM
Quantity (number per lateral branch)	12–15
Shape	EGG-SHAPED
Texture	FLESHY
Ribs and Veins	RIBS AND VEINS NOT SO WELL DEVELOPED
Edge	LOBED
Shape of Base of Sinus Between Lateral Lobes	ACUTE
Margin of Sinus Between Lateral Lobes	DIVERGING
Shape of Base	ACUTE
Apex	CUSPIDATE

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

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FIG. 1

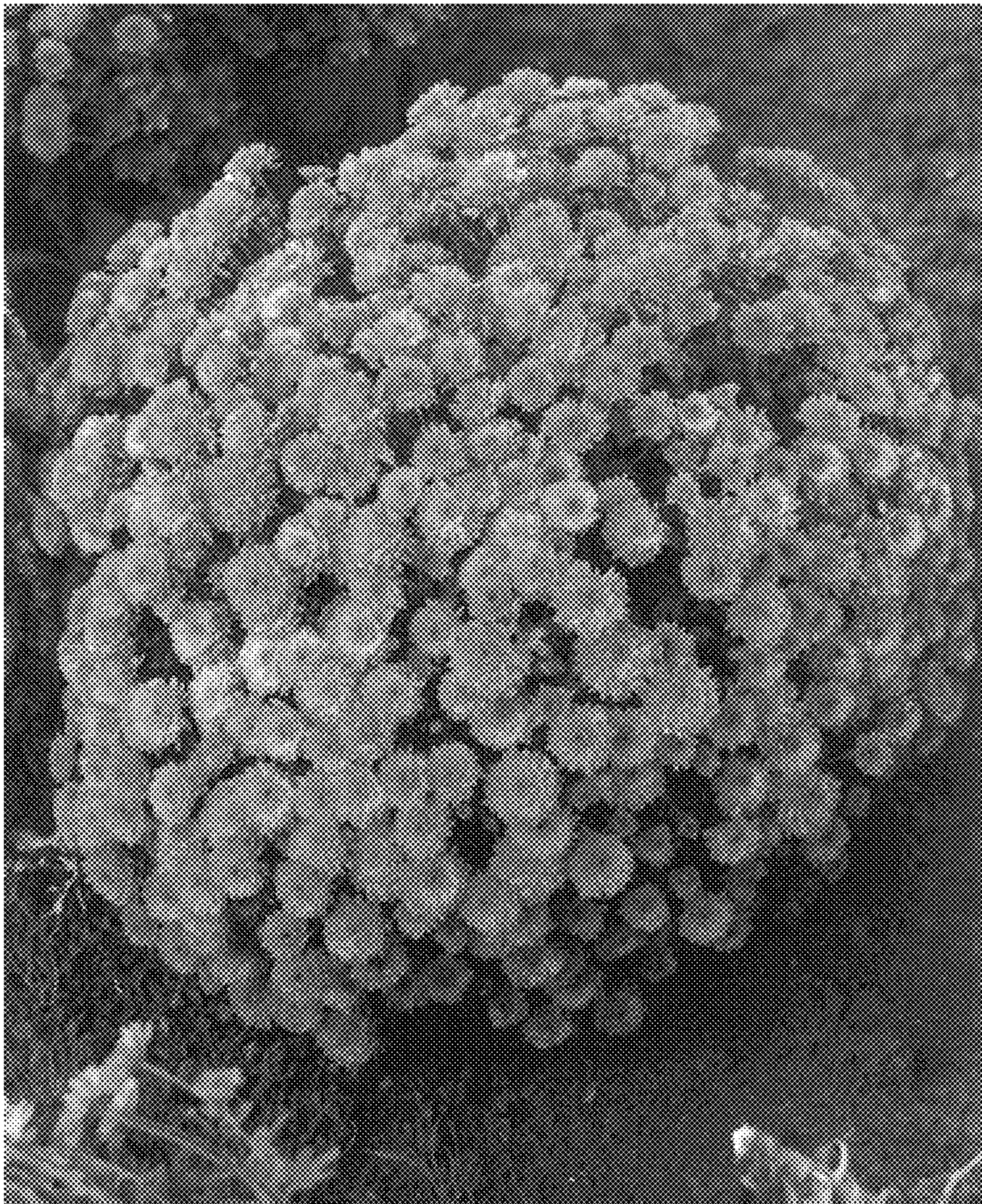


FIG. 2

