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(12) **United States Plant Patent**  
**Blom**

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(54) **CHRYSANTHEMUM PLANT NAMED**  
**'ZANMUROVER'**

(65) **Prior Publication Data**

US 2012/0131713 P1 May 24, 2012

(50) Latin Name: *Chrysanthemum*×*morifolium* Ramat.  
Varietal Denomination: **Zanmurover**

(51) **Int. Cl.**  
**A01H 5/00** (2006.01)

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(52) **U.S. Cl.** ..... **Plt./298**

(58) **Field of Classification Search** ..... **Plt./298**  
See application file for complete search history.

(73) Assignee: **Chrysanthemum Breeders Association**  
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(\* ) Notice: Subject to any disclaimer, the term of this  
patent is extended or adjusted under 35  
U.S.C. 154(b) by 13 days.

(57) **ABSTRACT**

A *chrysanthemum* plant named 'Zanmurover' characterized  
by its medium sized blooms with dark red ray florets and  
prolific branching; natural season flower date October 5  
(week 41); blooming for a period of 4 weeks.

(21) Appl. No.: **12/926,550**

(22) Filed: **Nov. 24, 2010**

**3 Drawing Sheets**

**1**

**2**

Botanical designation: *Chrysanthemum*×*morifolium*  
Ramat.

Cultivar denomination: 'Zanmurover'.

RELATED CULTIVARS

This new plant cultivar 'Zanmurover' is of the botanical  
classification *Chrysanthemum*×*morifolium* Ramat, and is  
related to 'Zanmucanyon' (U.S. Plant patent application Ser.  
No. 12/926,546). Both cultivars have been obtained as seed-  
lings from the same cross.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar  
of *chrysanthemum* plant, botanically known as *Chrysanthemum*×*morifolium* Ramat., commercially known as a garden  
mum, and hereinafter referred to by the cultivar denomination  
'Zanmurover'. 'Zanmurover' is a product of a breeding and  
selection program for outdoor pot mums (garden mums)  
which had the objective of creating new cultivars with a  
double type inflorescence, a natural season flower date  
around October 5 (week 41), blooming for a period of 4  
weeks. 'Zanmurover' is a seedling resulting from a cross of  
the female parent id 9396 with the male parent id 9285. Plants  
of the new cultivar 'Zanmurover' differ from plants of the  
female parent in the following characteristics. (1) Natural  
season flowering date. And (2) Inflorescence size. (1). Plants  
of the seedling flower later in the season than those of the  
female parent. (2) Inflorescences of the seedling are smaller  
than those of the female parent. Plants of the new cultivar  
'Zanmurover' differ from plants of the male parent in the  
presence of disc florets. Disc florets are absent in the seedling,  
while they are present in the mature inflorescences of the male  
parent.

The new and distinct cultivar was discovered and selected  
as a flowering plant by Wilhelmus Bernardus Blom on a  
cultivated field in Rijsenhout, The Netherlands in 2005. The  
first act of asexual production of 'Zanmurover' was accom-  
plished when vegetative cuttings from the initial selection in

2005 were propagated further in a controlled environment in  
Rijsenhout, The Netherlands. The new cultivar has been  
found to retain its distinctive characteristics through succes-  
sive propagations.

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 cul-  
tivar.

FIG. 3 shows the various stages of foliage of the new  
cultivar.

DESCRIPTION OF THE INVENTION

The observations and measurements were gathered from  
plants grown out door in Rijsenhout, The Netherlands under  
natural day length and temperature and planted in week 23 in  
2009. The natural season flowering date of this crop was  
October 5 (week 41). The average height of the plants was 30  
cm. No growth retardants were used. No tests were done on  
disease or insect resistance or susceptibility. No tests were  
done on cold or drought tolerance. This new variety produces  
medium sized blooms with dark red ray florets blooming for  
a period of 4 weeks.

From the cultivars known to inventor the most similar  
existing cultivar in comparison to 'Zanmurover' is its sibling  
'Zanmucanyon' (U.S. Plant Pat. No. 22,620). When 'Zanmu-  
canyon' and 'Zanmurover' are being compared the following  
differences are noticed:(1) Plant vigor. And (2) Leaf size. (1)  
Plants of 'Zanmurover' are more vigorous than those of 'Zan-  
mucanyon'. (2) Leaves of 'Zanmurover' are smaller than  
those of 'Zanmucanyon'.

The following is a description of the plant and character-  
istics that distinguish 'Zanmurover' as a new and distinct  
variety.

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. The color chart used in this description is: The Royal Horticultural Society Colour Chart, edition 2001.

TABLE 1

Botanical Description of <i>Chrysanthemum xmorifolium</i> Ramat. 'Zanmurover'	
<b>Bud</b>	
Size	Small; cross-section 5 mm, height 5 mm
Shape	Round
Texture	Pubescent
Outside Color	Greyed-green 191A
<b>Phyllaries</b>	
Number	25, arranged in 3 rows
Shape	Elliptic
Apex	Acute
Base	Truncate
Margin	Entire
Color	Upper surface: Greyed-green 191B
Length and width	5 mm; 2 mm
Texture	Pubescent
<b>Inflorescence</b>	
Type	Double
Height	1 cm
Diameter	4 cm
Peduncle length	6 cm
Peduncle color	Green 138B
Peduncle diameter	1.8 mm
Peduncle texture	Pubescent
Number per branch	Approx 7 inflorescences
Duration of flowering	4 weeks
Seeds	Produced in small quantities, ovate, Greyed-brown 199A, length 1.5 mm, diameter 0.5 mm
<b>Color</b>	
Center of inflorescence	Immature stage: Greyed-red 181A Mature stage: Greyed-yellow 161D
Color of upper surface of the ray-florets	Yellow 6C at base, Greyed-red 181B at top
Color of the lower surface of the ray-florets	Greyed-red 180D
Tonality from Distance	A garden mum with dark red flowers
Color of the ray-florets after aging of the plant	Greyed-red 180C
<b>Ray florets</b>	
Texture	Upper and lower surface smooth
Number	Ca 180
Shape	Elliptic
Apex	Dentate
Base	Attenuate
Cross-section	Flat
Longitudinal axis of majority	Straight
Length of corolla tube	3-4 mm
Ray-floret margin	Entire
Ray-floret length	1.1-1.6 cm
Ray-floret width	4 mm
Ratio length/width	Medium
Disc florets	Absent
<b>Receptacle</b>	
Color	Yellow-green 145D
Shape	Conical raised
Height	5 mm
Diameter	2 mm

TABLE 1-continued

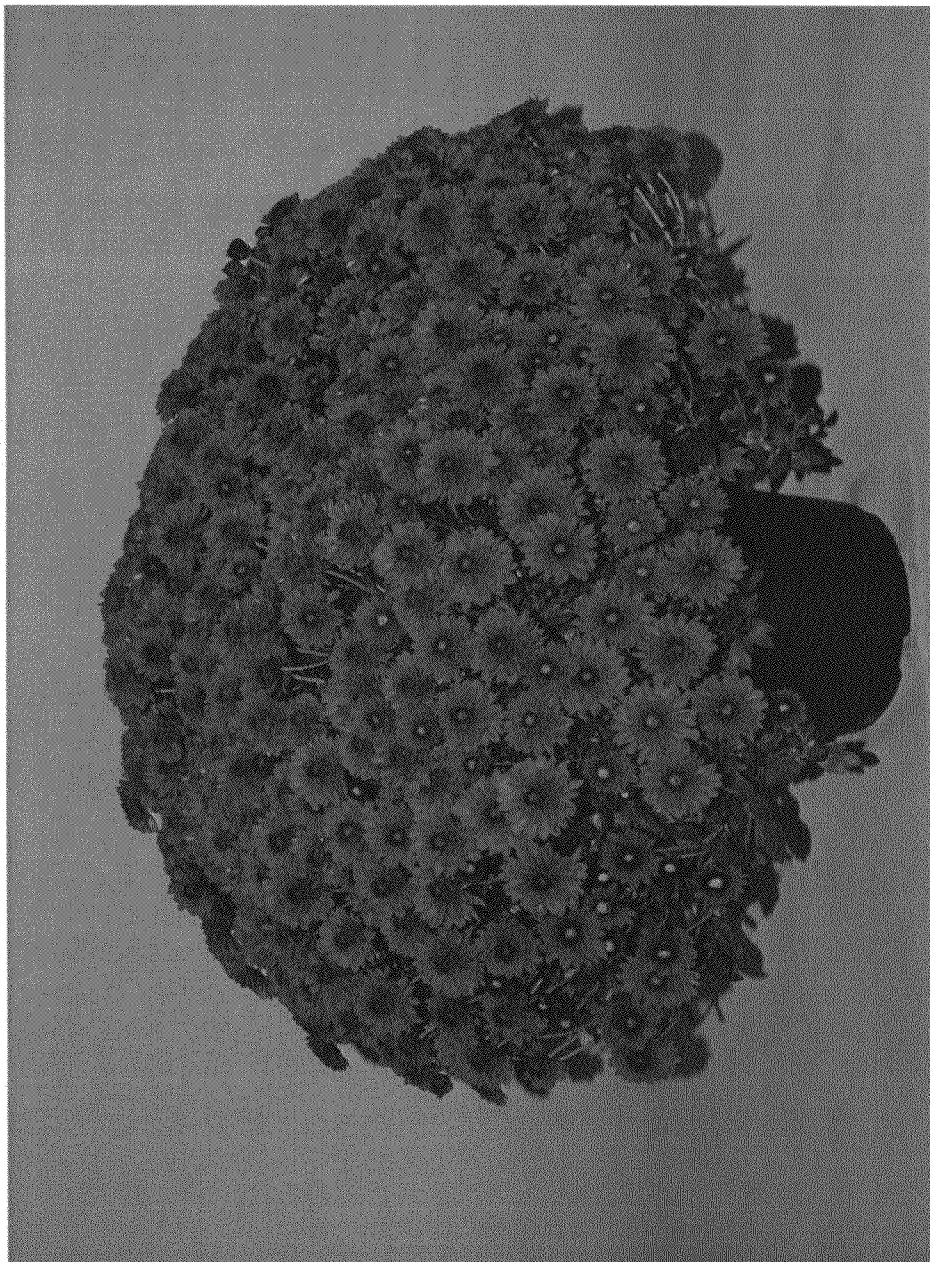
Botanical Description of <i>Chrysanthemum xmorifolium</i> Ramat. 'Zanmurover'		
5	<b>Reproductive Organs</b>	
	Androecium	Absent
	Pollen	Not produced
	Gynoecium	Present on ray florets
	Style color	Yellow-green 154C
10	Style Length	3 mm
	Stigma color	Yellow 7A
	Stigma Width	1 mm
	Ovary	Enclosed in calyx
	<b>Plant</b>	
15	Form	Grown as a spray type pot mum, outdoor raised and mounded
	Growth habit	Spherical shape
	Growth rate	High
	Height	30 cm
	Width	50 cm
	Stem Color	Greyed-brown 199A
20	Stem Strength	Strong
	Stem Brittleness	Brittle
	Stem Anthocyanin Coloration	Not observed
	Internode length	1-2 cm
	Length of lateral branch	From top to bottom 15 cm
	Lateral branch color	Green 137 C
25	Lateral branch, attachment	Weak
	Lateral branch diameter	2. mm
	Branching (average number of lateral branches)	Prolific with 8 breaks after pinching
	Natural season blooming date	October 5 (week 41)
	<b>Foliage</b>	
30	Leaf color	Upper side: Yellow-green 147B Lower side: Yellow-green 147C
	Color midvein	Upper side: Yellow-green 147D Lower side: Yellow-green 148D
	Size	Small; length 2.5-4 cm, width 1.5-2.5 cm
35	Quantity (number per lateral branch)	16-18
	Shape	Elliptic
	Texture upper side	Sparsely pubescent
	Texture under side	Pubescent
	Venation arrangement	Palmate
40	Shape of the margin	Serrated
	Shape of Base of Sinus	Rounded
	Between Lateral Lobes	
	Margin of Sinus Between Lateral Lobes	Diverging
45	Shape of Base	Attenuate
	Apex	Mucronulate
	Petiole length	0.5-1 cm
	Petiole diameter	2 mm
	Petiole color	Yellow-green 147D

TABLE 2

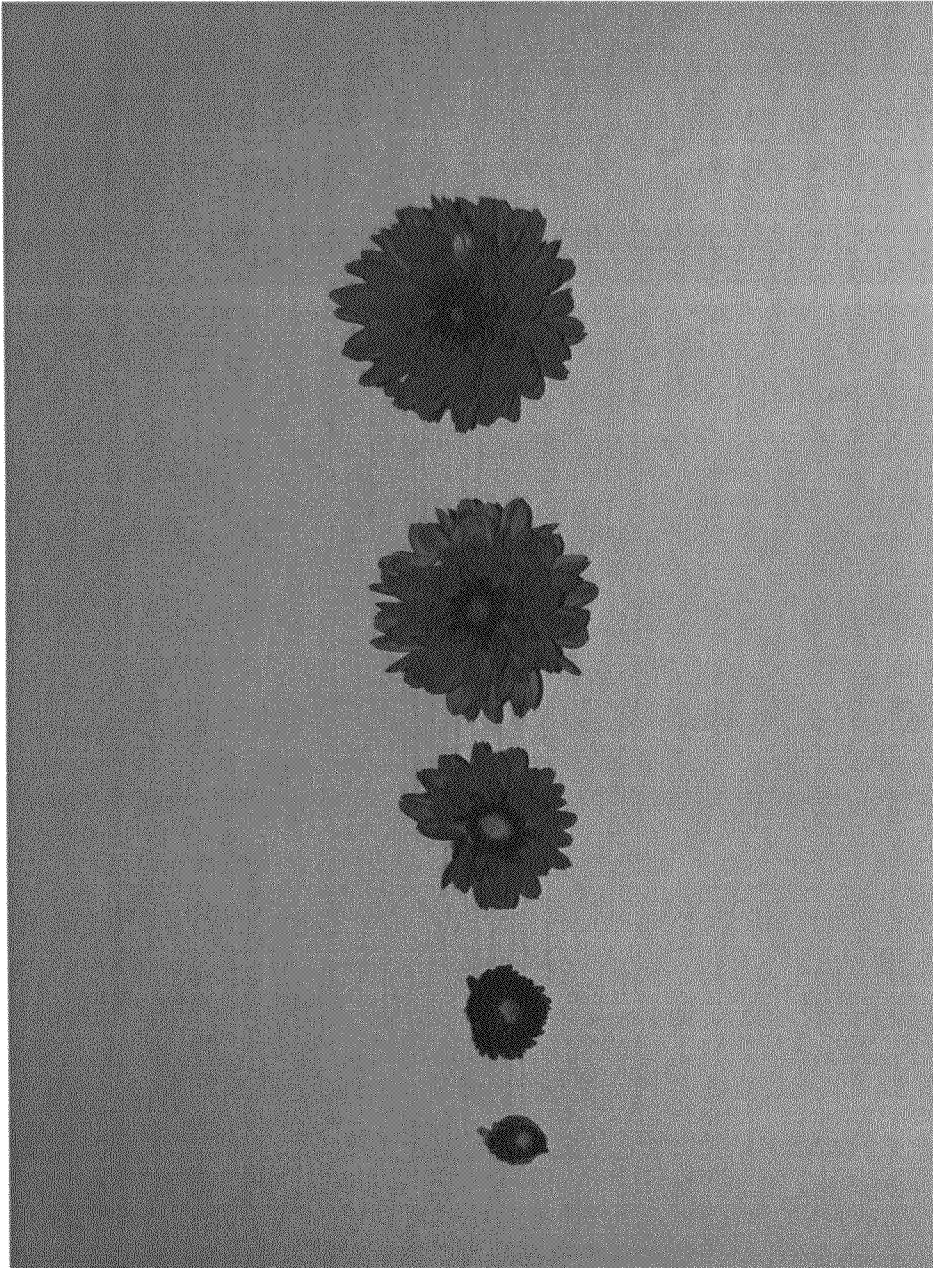
Differences with the comparison variety (when grown side to side)		
55	"Zanmurover"	'Zanmucanyon'
	Growth rate	High Medium
	Leaf length	2.5-4 cm 4-5 cm
	Leaf width	1.5-2.5 cm 3-3.5 cm

60 I claim:  
1. A new and distinct *chrysanthemum* plant named 'Zanmurover' as described and illustrated.

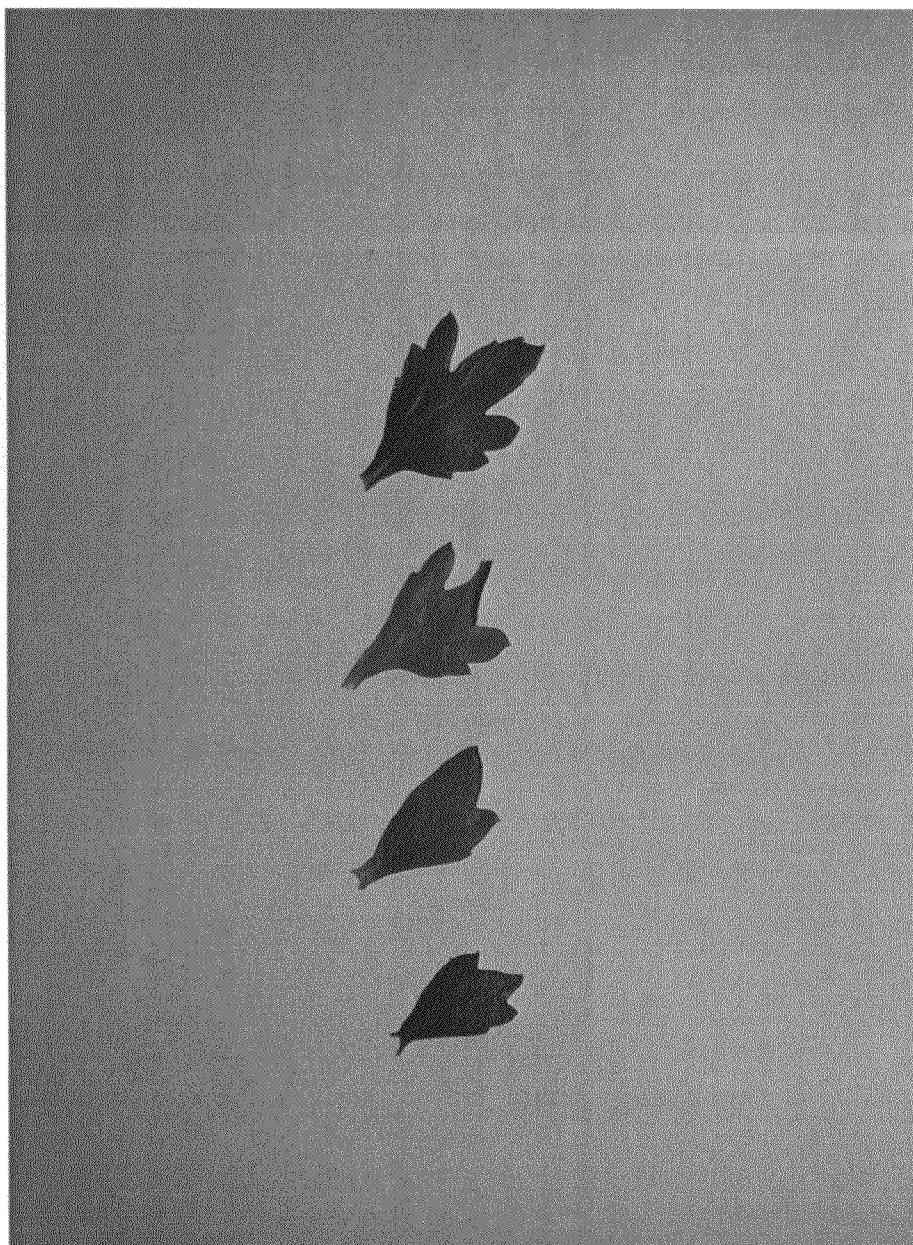
\* \* \* \* \*



**FIG. 1**



**FIG. 2**



**FIG. 3**