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

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(54) **CHRYSANTHEMUM PLANT NAMED ‘LIPSI’**

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

(50) Latin Name: *Chrysanthemum morifolium*
Varietal Denomination: **Lipsi**

(52) **U.S. Cl.** **Plt./290**

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(NL)

(58) **Field of Classification Search** **Plt./290**
See application file for complete search history.

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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 180 days.

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(57) **ABSTRACT**

A *chrysanthemum* plant named ‘Lipsi’ characterized by its medium sized blooms with salmon ray florets and prolific branching, natural season flower date August 23–30; blooming for a period of 5 weeks.

(21) Appl. No.: **11/020,471**

(22) Filed: **Dec. 27, 2004**

(65) **Prior Publication Data**

US 2006/0143757 P1 Jun. 29, 2006

3 Drawing Sheets

1

2

BACKGROUND OF THE INVENTION

‘Lipsi’ is a product of a breeding and selection program for outdoor pot mums (garden mums) which had the objective of creating new *chrysanthemum* cultivars with a decorative type flower, a natural season flower date around August 23–30; blooming for a period of 5 weeks. The new plant of the present invention comprises a new and distinct cultivar of *chrysanthemum* plant ‘Lipsi’ is a seedling resulting from a crossing program, set up by a previous breeder, and which records are unknown to the inventor. The new and distinct cultivar was discovered and selected as a flowering plant by Mark Roland Boeder on a cultivated field in Rijnsenhout, The Netherlands in 2001. The first act of asexual production of ‘Lipsi’ was accomplished when vegetative cuttings were taken from the initial selection in 2001 in a controlled environment in Rijnsenhout, The Netherlands, and propagated further at this location. The new cultivar has been found to retain its distinctive characteristics through successive propagations.

retardants were used. No tests were done on disease or insect resistance or susceptibility. No tests were done on color or drought tolerance. This new variety produces medium sized blooms with salmon ray florets blooming for a period of 5 weeks.

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.

From the cultivars known to inventor the most similar existing cultivar in comparison to ‘Lipsi’ is ‘Stella’ (U.S. Plant Pat. Nos. 15, 421). When ‘Stella’ and ‘Lipsi’ are being compared the following differences are noticed: The differences of ‘Stella’ and ‘Lipsi’ are (1) Color ray-florets. The flowers of ‘Stella’ are more salmon colored than those of ‘Lipsi’ which have an orange hue in its soft colored florets. (2) Width ray-florets. The ray-florets of ‘Stella’ wider than those of ‘Lipsi’. (3) Natural blooming date. Under natural conditions, ‘Lipsi’ flowers earlier than ‘Stella’.

FIG. 1 shows a plant of the cultivar in full bloom.

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

FIG. 3 shows the foliage of the new cultivar.

The following is a description of the plant and characteristics that distinguish ‘Lipsi’ 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 tolerance. The color chart used in this description is: The Royal Horticultural Society Colour Chart, edition 1995.

DESCRIPTION OF THE INVENTION

This new variety of *chrysanthemum* is of the botanical classification *Chrysanthemum morifolium* L. The observations and measurements were gathered from plants grown out door in Rijnsenhout, The Netherlands under natural day length and temperature and planted week 24 in 2004. The natural blooming date of this crop was August 23–30 (week 35). The average height of the plants was 25 cm. No growth

TABLE 1

Botanical Description of *chrysanthemum* plant ‘LIPSI’

<u>Bud</u>	
Size	Small; cross-section 0.5 cm, height 0.7 cm
Outside Color	Yellow-green 145C
Involucral bracts	2 rows, length 7 mm, width 3 mm
Involucral bracts among disc-florets	Not present
Involucral bracts color	Green 138A
<u>Bloom</u>	
Type	Decorative
Height	1.5 cm
Size	Medium

TABLE 1-continued

Botanical Description of <i>chrysanthemum</i> plant 'LIPSI'	
Fully Expanded	5.5 cm
Peduncle length	9-12 cm
Peduncle color	Yellow-green 146C
Number of blooms per branch	Approx. 5-6 blooms per branch
Performance on the plant	5 weeks
Seeds	Produced in small quantities, ovate grey-brown 199A, 1½ mm in length
Fragrance	Typical <i>chrysanthemum</i> , slightly
Color	
Center of the flower	Immature Greyed-yellow 162C Mature Yellow-orange 23C
Color of upper surface of the ray-florets	Greyed-orange 174D to Orange 24D
Color of the lower surface of the ray-florets	Greyed-orange 163D at base blending to Greyed-orange 173D at tip
Tonality from Distance	A garden mum with salmon flowers
Discoloration to color	Greyed-orange 164D to Greyed-orange 173D
<u>Ray florets</u>	
Texture	Upper and under side smooth
Number	160-180
Cross-section	Flat
Longitudinal axis of majority	Straight
Length of corolla tube	0.3 cm
Ray-floret margin	Entire
Ray-floret length	2.5 cm
Ray-floret width	0.4 cm
Ratio length/width	High
Shape of tip	Pointed
<u>Disc florets</u>	
Disc diameter	0.3-0.4 cm
Distribution of disc florets	Few, only visible in mature stage
Shape	Tubular
Color	Yellow 11D at base to Yellow-orange 23C at top
Receptacle shape	Conical raised
<u>Reproductive Organs</u>	
Stamen	Present in disc florets only
Stamen color	Yellow-green 144A
Pollen	Present
Pollen color	Yellow 7A
Styles	Thick
Style color	Yellow 13A
Style Length	0.4 cm
Stigma color	Yellow-green 144A
Stigma Width	1 mm
Ovaries	Enclosed in calyx
<u>Plant</u>	
Form	Grown as a spray type potnium, outdoor mounded and round
Growth habit	Spherical shape
Growth rate	Medium

TABLE 1-continued

Botanical Description of <i>chrysanthemum</i> plant 'LIPSI'	
Height	25 cm
Width	35 cm
Stem Color	Greyed-brown 199C
Stem Strength	Strong
Stem Brittleness	Not brittle
Stem Anthocyanin Coloration	Absent
Internode length	3-4 cm
Length of lateral branch	From top to bottom 18 cm
Lateral branch color	Yellow-green 146D
Lateral branch, attachment	Medium strength
Branching (average number of lateral branches)	Good with 6-8 breaks after pinching
Natural season blooming date	August 23-30
<u>Foliage</u>	
Leaf color	Upper side Green 139A Lower side Green 138A
Color midvein	Upper side Yellow-green 148D Lower side Yellow-green 147D
Size	Small.; length 4.5-6 cm, width 2-3.5 cm
Quantity (number per lateral branch)	15
Shape	Elliptic
Texture upper side	Glabrous
Texture under side	Pubescent
Venation arrangement	Palmate
Shape of the margin	Serrated
Shape of Base of Sinus Between Lateral Lobes	Rounded
Margin of Sinus Between Lateral Lobes	Diverging
Shape of Base	Acute
Apex	Mucronulate
Petiole length	1-2 cm
Petiole color	Yellow-green 148D

TABLE 2

	Differences with the comparison varieties	
	'Lipsi'	'Stella'
Color upper surface ray-florets	Greyed-orange 174D to Orange 24D	Orange 29C
Width ray-florets	0.4 cm	0.7 cm
Start blooming date (planted in week 24)	Week 35	Week 38-39

I claim:

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

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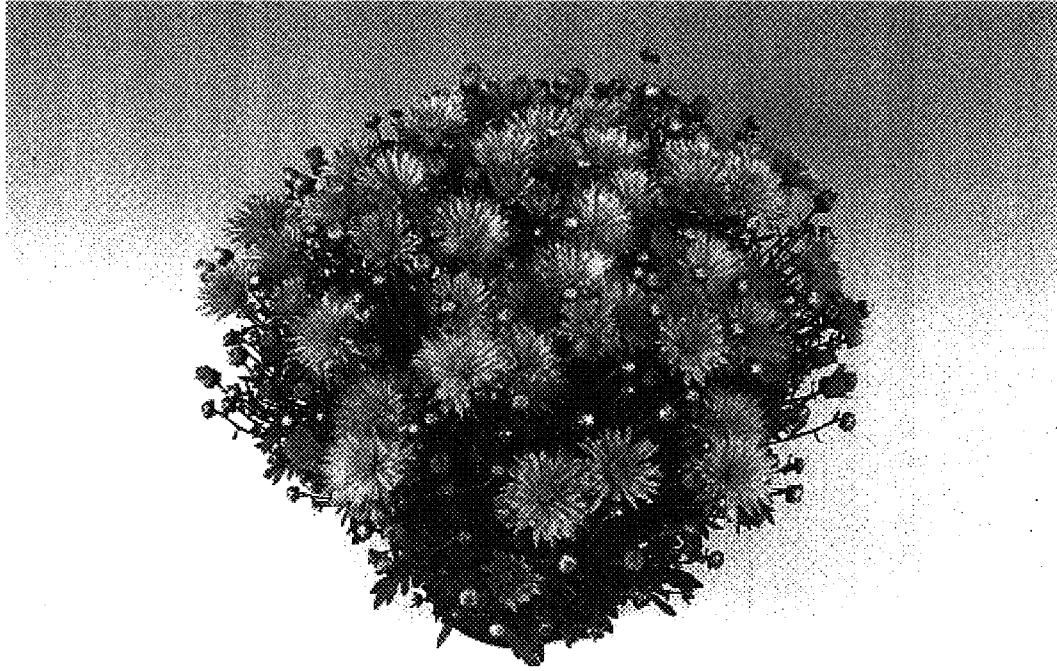


FIG. 1

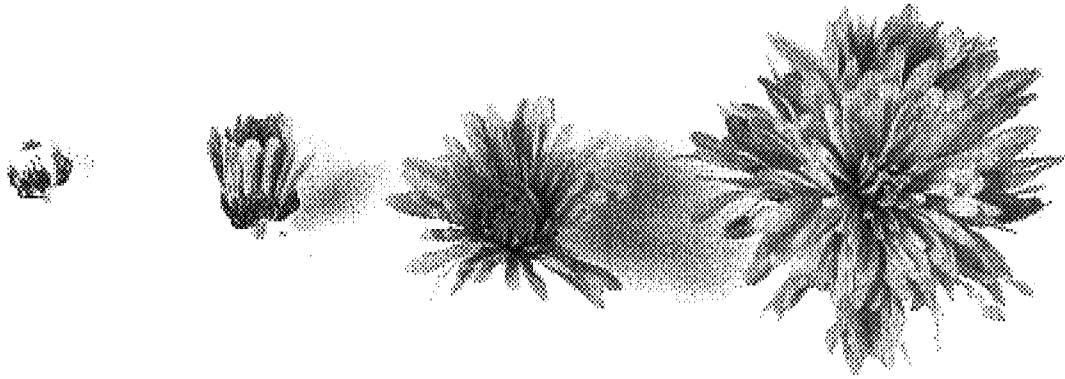


FIG. 2

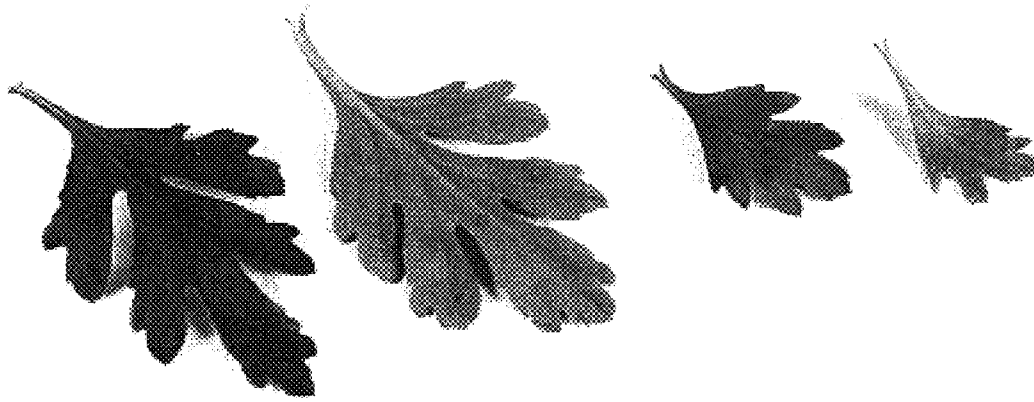


FIG. 3