

# (12) United States Plant Patent (10) Patent No.: US PP12,699 P2 Moser (45) Date of Patent: Jun. 11, 2002

(57)

- (54) CHRYSANTHEMUM PLANT NAMED 'PIPPEN'
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ABSTRACT

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A new plant variety of chrysanthemum producing pink daisy-type flowers having coral pink ray florets and orangeyellow disc florets.

**1 Drawing Sheet** 

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#### BACKGROUND OF THE INVENTION

The present invention is directed to a new and distinct variety of chrysanthemum botanically classified as *Dendranthema morifolium*. The varietal denomination of the new chrysanthemum is 'Pippen'.

The new variety is a cross of two undistributed, unpatented and unnamed seedlings as male and female parents. The new variety has been asexually reproduced by vegetative cuttings in Ventura County, Calif. and the distinguishing characteristics are retained through successive generations of a sexual reproduction.

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#### DESCRIPTION OF THE PLANT

The following description of the new variety is of specimens grown in a greenhouse in Ventura County, Calif. The plant described is approximately 65 days old from a rooted cutting. 'Pippen' has not been observed under all possible environmental conditions. The phenotype may vary with variations in the environment such as temperature, light intensity, day length and cultural conditions. The color designations herein are from The Royal Horticultural Society Colour Chart except where general terms are used.

To produce a commercial product the plants may be pinched once about 10 days after planting. No treatment

#### SUMMARY OF THE INVENTION

'Pippen' is a chrysanthemum plant variety with daisy-type flowers having coral pink ray florets and orange-yellow disc florets.

#### COMPARISON WITH OTHER VARIETY

The new variety has been shown to recover completely from a fully wilted condition without damage much better than a similar cultivar 'Emprire Sweet Dreams' (U.S. Plant<sup>25</sup> Pat. No. 11,908):

	'Empire Sweet Dreams'	'PIPPEN'	30
Inflorescence Diameter Ray Floret coloration when mature Plant height Natural Season Bloom Time	About 7 cm Near 48C About 28 cm Last week of September	About 6 cm Near 44C About 21 cm First week of September	35
Approximate quantity of inflorescence per stem	About 9	About 19	

with growth retardant was used with plants described. Useful growing conditions include average night temperature of about 17° to 20° C., day temperatures of about 20° to 30° C. No susceptibility or resistance to disease has been observed. Resistance or susceptibility concerning insects has not been observed. Cold tolerance has not been observed. The new
variety appears to show a greater ability to recover from a full wilt without damage.

#### Rooting characteristics:

*Time to initiate roots.*—About 7 to 14 days at about 21° C.

Rooting habit.—Fine, fibrous.

#### Plant:

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Plant type.—Herbaceous perennial. Growth habit.—Mounding.

Height.—About 21 cm. Growth rate.—Moderate.

Branching characteristics.—Free branching. Foliage:

Arrangement.—Alternate.
Compound or simple.—Simple.
Quantity of leaves.—Many.
Leaf size.—Length: About 5 cm. Width: About 3 cm.
Leaf shape.—General outline is ovate, shape is palmately lobed.
Leaf tip.—Acuminate.
Leaf base.—Attenuate.
Leaf attachment.—Stalked.
Petiole length.—About 1 cm.
Margin type.—Serrate.
Texture.—Lightly pubescent.

#### BRIEF DESCRIPTION OF ILLUSTRATIONS

The accompanying photograph shows a typical specimens of the plant and flowers of the new variety with colors being as nearly true as possible with illustrations of this type.

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Color.—Young foliage upper side: Near 137A. Young foliage under side: Near 137A. Mature foliage upper side: Near 137A. Mature foliage under side: Near 137A.

Venation.—Color: Venation upper side: Near 137B. Venation under side: Near 137C.

#### Bloom:

Inflorescence.—Flowering habit: Induced by darkness period greater than 13.5 hours; Approximately 42 days of day length required to induce and develop blooms. Inflorescence form: Daisy. Natural flowering season: Around the first week in September. Quantity of inflorescence per stem: About 19. Inflo-

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First opening: Near 43A. Mature: Near 17B. Fading: Near 23B.

- Peduncle.—Length: Terminal, shortest: About 4 cm. Lateral, longest: About 6 cm. Color: Near 137B. Strength: Strong. Habit: Erect.
- Inflorescence bud.—Length: About 1 cm. Diameter: About 1.2 cm. Form or shape: Globular. Color: Near 47A.
- Involucral bracts.—Length about 0.6 cm, width about 0.3 cm, shape ovate. Appearance: Matte. Texture: Lightly pubescent. Number: About 50 to 60. Shape: Ovate. Margin: Entire. Tip: Acute. Color: Upper side: Near 137A. Under side: Near 137A.

rescence diameter: About 6 cm. Inflorescence depth: About 2 cm. Disc diameter: About 2 cm. Inflorescence longevity on plant: About 23 to 29 days. Persistence: Persistent.

- Ray florets.—Appearance: Matte. Texture: Smooth. Number: About 70 to 80. Shape: Oblanceolate. Margin: Entire. Tip: Obtuse. Length: About 3 cm. Width: About 1.5 cm. Color: Upper side: First opening: Near 44B. Mature: Near 44C. Fading: Near 44D. Under side: First opening: Near 47A. Mature: Near 47B. Fading: Near 47D.
- Disc florets.—Appearance: Shiny. Texture: Smooth. Number: About 100. Shape: Cylindric. Tip: Obtuse. Length: About 1 cm. Width: About 0.1 cm. Color:

Reproductive organs:

Ray florets.—Pistillate: Pistil number: 1 per flower. Stigma shape: 2 branched. Stigma color: Near 17C. Style length: About 1 cm. Style color: Near 6D.
Disc florets.—Pistillate: Pistil number: 1 per flower. Stigma shape: Cylindric. Style length: About 1 cm.
Staminate.—Stamen number: About 5. Anther shape: Tubular. Anther color: Near 16B. Pollen color: Near 21B.

Seeds.—Seed production has not been observed. What is claimed is:

1. A new and distinct chrysanthemum plant of the variety substantially as herein shown and described.

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# **U.S. Patent**

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