



US00PP21914P2

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

(10) **Patent No.:** **US PP21,914 P2**  
(45) **Date of Patent:** **May 10, 2011**

(54) **LEUCANTHEMUM SUPERBUM PLANT**  
**NAMED 'DAISY DUKE'**

(50) Latin Name: *Leucanthemum superbum*  
Varietal Denomination: **Daisy Duke**

(76) Inventor: **Brent Horvath**, Fontana, WI (US)

(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **12/589,810**

(22) Filed: **Oct. 29, 2009**

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

(52) **U.S. Cl.** ..... **Plt./285**

(58) **Field of Classification Search** ..... **Plt./285**  
See application file for complete search history.

*Primary Examiner* — Kent L Bell

(57) **ABSTRACT**

A new and distinct variety of *Leucanthemum superbum* plant as shown and described, characterized by single white inflorescences that overlap and touch, a dome shaped habit, a medium height and a uniform growth habit.

**2 Drawing Sheets**

**1**

Latin name: *Leucanthemum superbum*.  
Cultivar name: 'Daisy Duke'.

**BACKGROUND OF THE INVENTION**

The present invention relates to a new and distinct plant of *Leucanthemum superbum* plant named 'Daisy Duke' characterized by single white inflorescences that overlap and touch, a dome shaped habit, a medium height and a uniform growth habit.

The new *Leucanthemum* was raised as an open pollinated seedling from seed sown as *Leucanthemum superbum* 'Hebron Hardy', not patented, at a nursery in Hebron, Ill. in 2005. The selection of the new plant was due to its single white inflorescences that overlap and touch, a dome shaped habit, and a medium height.

Asexual division, and cutting propagation have been the means of reproduction. Propagation has taken place at a nursery in Hebron, Ill. since 2006. The new *Leucanthemum* has shown to be stable and identical in reproduction after rooting over 2000 plants from 2006 to 2009.

**SUMMARY OF THE INVENTION**

The new *Leucanthemum superbum* plant named 'Daisy Duke' characterized by single white inflorescences that overlap and touch, a dome shaped habit, a medium height and a uniform growth habit have been observed to be unique and stable.

Plants of the new *Leucanthemum* can be compared to plants of *Leucanthemum superbum* 'Becky' not patented.

1. The new *Leucanthemum* plant has a mature size measuring 45-60 cm high and 50-60 cm wide while *Leucanthemum superbum* 'Becky' measures 100-120 cm high and over 100 cm wide.
2. The new *Leucanthemum* plant has a dome shaped habit while *Leucanthemum superbum* 'Becky' has an open habit.
3. The new *Leucanthemum* plant has green colored stems at the base of the plant while *Leucanthemum superbum* 'Becky' has red colored stems at the base of the plant.
4. The new *Leucanthemum* plant has smaller foliage approximately 25 mm wide while *Leucanthemum superbum* 'Becky' has foliage that reaches approximately 35 mm wide.

**2**

Plants of the new *Leucanthemum* can also be compared to the seed parent plant *Leucanthemum superbum* 'Hebron Hardy', not patented.

1. The new plant has a uniform height since it is produced asexually from vegetative division and cutting propagation while the seed parent is produced from seed and the height varies.

Plants of the new *Leucanthemum* can also be compared to plants of *Leucanthemum superbum* 'Leumayel', patented.

1. The new plant inflorescence color is white while the inflorescence color of the *Leucanthemum superbum* 'Leumayel' plant is yellow.

**DESCRIPTION OF PHOTOGRAPHS**

- FIG. 1. A blooming 2 year old plant in July.  
FIG. 2. A close up of a single inflorescence.  
FIG. 3. A budding 3 year old plant in June.  
FIG. 4. A first year planting showing uniformity.

**DETAILED BOTANICAL DESCRIPTION**

In the following description, color references are made to The Royal Horticultural Society Colour Chart. Plants used for the description were grown for two seasons at a nursery in Hebron, Ill. Measurements and numerical values represent averages of typical plants.

Botanical classification: *Leucanthemum superbum* cultivar Daisy Duke.

Parentage: Male or pollen parent an unknown *Leucanthemum superbum*, female or seed parent *Leucanthemum superbum* 'Hebron Hardy'.

Propagation: Vegetative division and cutting propagation.

Plant description: Overall habit of the new *Leucanthemum* is a dome shaped clump, with stems topped by white inflorescences that overlap and touch starting in mid to late June.

- Plant height.*—45-60 cm.  
*Plant width.*—50-60 cm.  
*Primary stem diameter.*—6-8 mm.  
*Primary and secondary stem description.*—Branching, with 20 or more leaves. Leaves get smaller as they go up the stem.  
*Primary and lateral stem texture.*—Sparsely pubescent with hairs up to 2 mm long.

- Secondary stem description.*—Average 3 lateral stems per primary stem.
- Secondary stem length.*—20 cm.
- Secondary stem diameter.*—3-4 mm.
- Secondary stem internodes.*—2-6 cm. 5
- Foliage:
- Type.*—Deciduous.
- Leaf arrangement.*—Alternate.
- Length.*—9-12 cm.
- Width.*—25 mm. 10
- Shape.*—Spatulate.
- Apex.*—Acute.
- Base.*—Cuneate.
- Margin.*—Dentate.
- Texture.*—Smooth, glabrous, moderately glossy. 15
- Adaxial leaf description.*—Color is 139 A.
- Abaxial leaf description.*—Color is 138 C.
- Bud:
- Bud shape.*—Flattened globular.
- Bud length.*—8-9 mm. 20
- Bud diameter.*—13-15 mm.
- Bud color.*—137 C.
- Inflorescence:
- Inflorescence type.*—Composite on basal flowering stems. 25
- Position.*—Terminal.
- Number of inflorescences per plant.*—Approximately 50 or more.
- Arrangement.*—Disc and ray florets.
- Disc floret.*—Four fused petals, yellow color 12 A. 30
- Disc floret diameter.*—2-3 mm at apex, 1-2 mm at base.
- Disc floret shape.*—Rotate.
- Disc floret length.*—3-5 mm.
- Disc floret width.*—1 mm.

- Disc floret apex.*—Acute.
- Disc floret margin.*—Entire.
- Disc floret count.*—Approximately 200 per inflorescence.
- Ray floret size.*—4 cm length and 8 mm width.
- Ray floret color.*—Both Adaxial and Abaxial surfaces are close to 155 A and 155 B.
- Ray floret aspect.*—Upright.
- Ray floret shape.*—Oblanceolate.
- Ray floret apex.*—Tridentate.
- Ray floret base.*—Cuneate.
- Ray floret margin.*—Entire.
- Ray floret count.*—Approximately 30 per inflorescence.
- Ray floret texture.*—Both the upper and lower surfaces are smooth, glabrous.
- Overall inflorescence size.*—9-10 cm or more across in diameter with ray florets.
- Bloom period and duration.*—Late June through July.
- Blooming habit.*—Domed, terminal on up to 45-60 cm stems.
- Scent.*—No scent noticed.
- Fruit.*—None observed.
- Disease resistance: Resistance to diseases common to *Leucanthemum* has not been observed on plants grown under nursery conditions. 25
- Hardiness: Plants of the new *Leucanthemum* have been observed to be hardy to USDA Zone 5.
- I claim:
1. A new and distinct variety of *Leucanthemum superbum* plant as shown and described, characterized by single white inflorescences that overlap and touch, a dome shaped habit, a medium height and a uniform growth habit.

\* \* \* \* \*



Fig. 1.

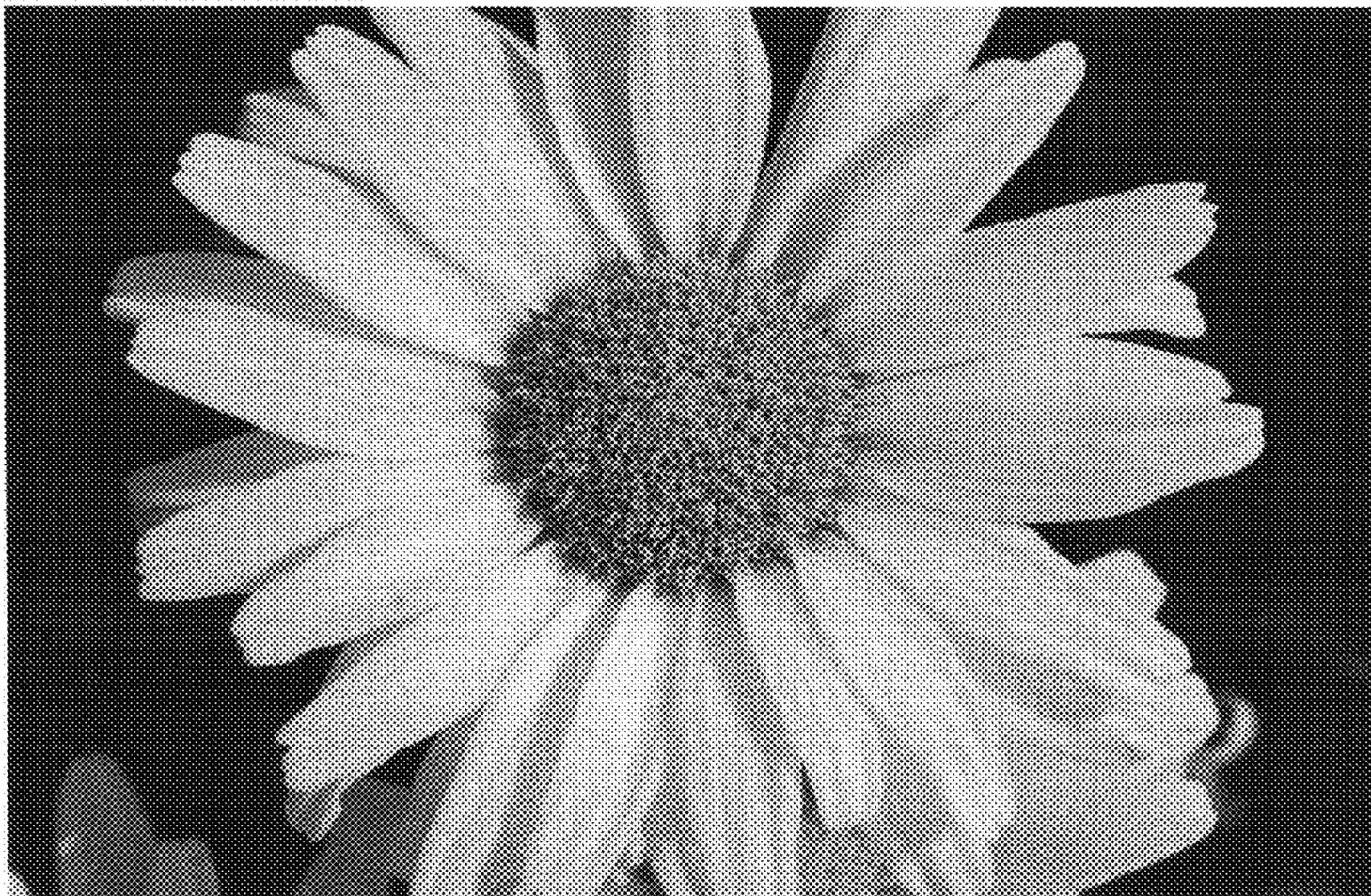


Fig. 2.



Fig. 3.



Fig. 4.