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Boeder

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[54] CHRYSANTHEMUM PLANT NAMED 'TOUCAN'

[56] References Cited

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U.S. PATENT DOCUMENTS

P.P. 8,803 6/1994 Fuess Plt./287

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[57] ABSTRACT

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A new plant variety of Chrysanthemum producing flowers of unusual spider daisy flower form.

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[52] U.S. Cl. Plt./286

[58] Field of Search Plt./286, 287, 291, Plt./292, 297, 296, 290

2 Drawing Sheets

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BACKGROUND OF THE INVENTION

The present invention is directed to a new and distinct variety of Chrysanthemum botanically classified as *Den-*
dranthea grandiflora. The varietal denomination of the
new chrysanthemum is 'Toucan'.

'Toucan' is about 18 days with the response time of about
6.5 weeks. No treatment with growth retardant is required.
Useful growing conditions include night temperatures of
about 64°–66° F., day temperatures of about 80°–85° F. and
about 5,000 foot-candles of light.

The female parent of the new variety is the variety known
as 'Empire Serenade' (U.S. Plant Pat. No. 8,803) and the
male parent is an undistributed, unnamed seedling identified
as 'G12-C1'. The new variety has been asexually repro-
duced by vegetative cuttings in Ventura County, Calif. and
the distinguishing characteristics are retained through suc-
cessive generations of asexual reproduction.

Plant:
Habit.—Short, spreading.
Height.—About 20 cm.
Branching characteristics.—Well branched.
Number of breaks from pinch.—About 4.
Typical container sizes commercially grown in.—4", 6",
one gallon pots.
Length of lateral branches.—About 12 cm.
Stem color.—Near 147 C.

SUMMARY OF THE INVENTION

'Toucan' is a pot type Chrysanthemum plant variety that
produces flowers of unusual spider daisy flower form.

Foliage:
Leaf arrangement.—Alternate.
Number of leaves per lateral branch.—About 8 mature
leaves.
Leaf size.—Length: About 5.5 cm. Width: About 3.7
cm.
Leaf shape.—Ovate.
Attachment.—Petioled.
Leaf apex.—Obtuse.
Base.—Tapered.
Margin.—Palmently lobed with infrequent mild serra-
tions.
Aspect.—Concave.
Surface.—Top: Pubescent. Underside: Pubescent.
Petiole length.—About 0.5 cm. Color: Near 138B.
Other petiole characteristics: Winged.
Color.—Mature leaf: Top: Near 137A. Bottom: Near
137C. Young leaf: Top: Near 137B. Bottom: Near
137D.

Comparison With 'Empire Serenade'

'Toucan' differs from 'Empire Serenade' in having a
shorter response time and different flower color.

BRIEF DESCRIPTION OF ILLUSTRATIONS

The accompanying photographs show a typical specimen
of potted plant of the new variety and of flowers of the new
variety, with colors being as nearly true as possible with
illustrations of this type.

FIG. 1 is a whole plant view of the new cultivar grown in
a pot.

FIG. 2 is a closer view, showing inflorescence and foliage
characteristics of the new cultivar in greater detail.

DESCRIPTION OF THE PLANT

The following description of the new variety is of speci-
mens grown in a greenhouse in Ventura County, Calif.
'Toucan' has not been observed under all possible environ-
mental 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.

Flower:
Inflorescence form.—Cyme.
Flower form.—Spider daisy.
Number of blooms per branch.—About 5.
Diameter of fully expanded bloom.—About 6 cm.
Depth of fully expanded bloom.—About 2 cm.
Longevity of individual blooms.—About 18 days.
Sepal number.—About 25. Color: Near 137B. General
appearance of sepals: Concave, membranous, pubes-
cent.

To produce a commercial product the plants may be
pinched once ten days after planting which results in about
4 breaks per pinch. It has been observed that the shelf life of

Plant 11,297

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Peduncle length.—Terminal peduncle about 3.4 cm, lower most peduncle about 8 cm. Surface: Pubescent. Color: Near 146B. Strength: Weak.

Flower bud shape.—Sphere with flattened top. Diameter: About 0.8 cm. Height: About 0.5 cm.

Ray florets.—Number per flower: About 140. Shape: Tubular at base, becoming flared at tip, more pronounced in older florets. Apex: Obtuse. Base: Tapered, fused. Margin: Entire. Aspect: Mostly flat, reflexed at flared tip. Length: About 2.5 cm. Width: About 0.7 cm at flared tip, 0.3 cm at tapered base.

Disc florets.—Number per flower: About 40. Texture: Shiny. Shape: Cylindric. Margin: Entire. Length: About 0.3 cm. Width: About 0.1 cm.

Fragrance.—Light.

Flower color:

General flower appearance.—Light orange to pink upper ray florets with cream undersides.

Ray florets, top side.—Immature: Near 29D. Mature: Near 29D. Fading: Near 39D.

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Ray floret, under side.—Immature: Near 29D. Mature: Near 36D. Fading: Near 20D.

Disc florets.—Mature: Near 31C.

Changes as the flower ages.—Yellow undertones become more apparent; eventually, flower turns a yellow/cream color; flower form becomes very flat.

Reproductive organs:

Ray florets.—Pistillate. Stigma shape: About 3 branched. Stigma color: Near 6A. Style length: About 0.3 cm.

Disc florets.—Stigma shape: About 2 branched. Stigma color: Clear. Style Length: About 0.2 cm. Anther length: About 0.1 cm. Pollen: Not present.

What is claimed is:

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

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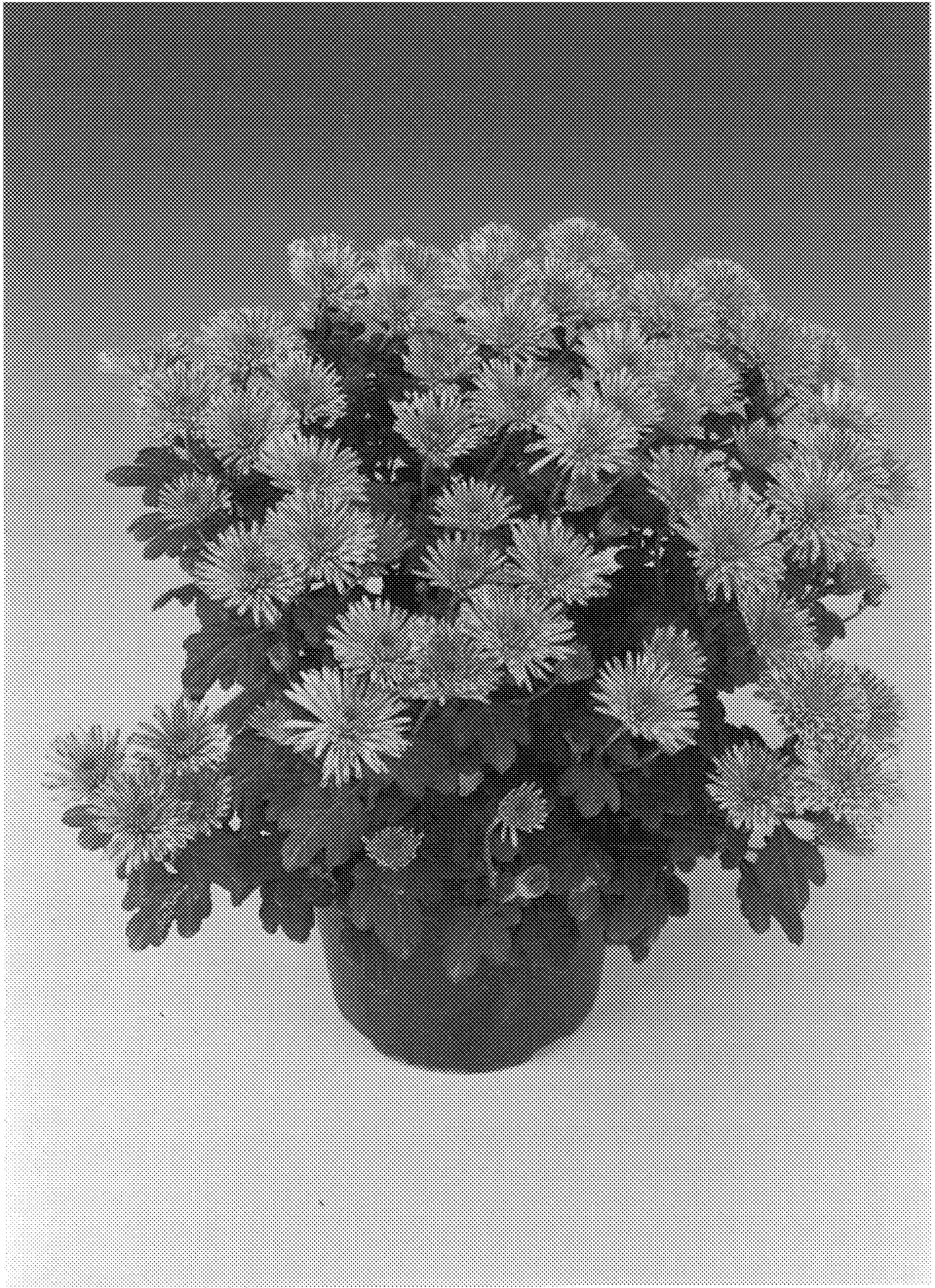


Fig. 1



Fig. 2