



US00PP11497P

United States Patent [19]

[11] Patent Number: Plant 11,497

Boeder

[45] Date of Patent: Sep. 5, 2000

- [54] **CHRYSANTHEMUM PLANT NAMED 'KINGFISH'**
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- [73] Assignee: **Cleangro Limited**, West Sussex, United Kingdom
- [21] Appl. No.: **09/038,786**
- [22] Filed: **Mar. 11, 1998**
- [51] **Int. Cl.⁷** **A01H 5/00**
- [52] **U.S. Cl.** **Plt./286**
- [58] **Field of Search** Plt./286, 287, 295, Plt./296

- [56] **References Cited**
- U.S. PATENT DOCUMENTS
- P.P. 1,548 1/1957 Boerner Plt./293
- OTHER PUBLICATIONS
- UPOV-ROM, 1999/02, Plant Variety Database, GTI Jouve Retrieval Software, citation for 'Kingfisher'.
- Primary Examiner*—Howard J. Locker
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- [57] **ABSTRACT**

A new plant variety of Chrysanthemum producing orange/yellow bicolor flowers.

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 'Kingfish'.

The female parent of the new variety is the variety known
as 'Jessica' (U.S. Plant Pat. No. 7,587) and the male parent
is an undistributed, unnamed, seedling identified as 'G10-
C3'. The new variety has been asexually reproduced by
vegetative cuttings in Ventura County, Calif. and the distin-
guishing characteristics are retained through successive gen-
erations of asexual reproduction.

SUMMARY OF THE INVENTION

'Kingfish' is a pot type Chrysanthemum plant variety that
produces orange/yellow bicolored flowers.

Comparison with 'Jessica'

'Kingfish' differs from 'Jessica' in flower color. The new
variety produces orange/yellow bicolor flowers and 'Jessica'
produces yellow flowers.

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. in the
month of October. 'Kingfish' 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 Soci-
ety Colour Chart except where general terms are used.

To produce a commercial product the plants may be
pinched once ten days after planting which results in about

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3 breaks per pinch. It has been observed that the shelf life of
'Kingfish' is about 22 days with the response time of about
7.5 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.

Plant:

Habit.—Upright.

Height.—About 32 cm.

Number of breaks from pinch.—About 3.

Typical container sizes commercially grown in.—6
inch, 1 gallon, 3 gallon containers.

Length of lateral branches.—About 26 cm.

Stem color.—Near 146D.

Foliage:

Leaf arrangement.—Alternate.

Number of leaves per lateral branch.—About 15.

Leaf size. Length: About 7.8 cm. *Width*: About 4.7 cm.

Leaf shape.—Ovate.

Attachment.—Petioled.

Leaf apex.—Obtuse.

Base.—Tapered.

Margin.—Lobed, with some crenations.

Aspect.—Flat.

Surface.—Top: Pubescent. Bottom: Pubescent.

Petiole length.—About 1.8 cm. *Color*: Near 146D.

Mature leaf. Top: Near 137A. *Bottom*: Near 137C.

Young leaf. Top: Near 137A. *Bottom*: Near 137B.

Flower:

Inflorescence form.—Cyme.

Flower form.—Daisy during all stages of bloom matu-
rity.

Number of blooms per branch.—About 11.

Diameter of fully expanded bloom.—About 5 cm.

Depth of fully expanded bloom.—About 1.5 cm.

Sepal number.—About 10.

Color.—Near 137A.

Peduncle.—Length: Lowermost peduncles about 13
cm, terminal peduncles about 3 to 4 cm. *Habit*:
Straight. *Surface*: Slightly pubescent.

Flower bud shape.—Sphere.

Diameter.—About 0.6 cm.

Height.—About 0.6 cm.

Ray florets.—Number per flower: About 130. *Shape*:
Oblanceolate. *Apex*: Obtuse. *Base*: Tapered. *Margin*:

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Entire. Aspect: Slightly incurved. Length: About 2.2 cm. Width: About 0.5 cm.

Disc florets.—Number per flower: About 15. Shape: Cylindric. Length: About 0.5 cm. Width: About 0.1 cm. Diameter of disc: About 1.4 cm.

Fragrance.—Strong, musky.

Flower color:

General flower coloration.—Red bronze with a yellow center.

Ray florets, top side.—Immature: Near 7D. Mature: Near 181 A top; near 9B base. Fading: Near 181B 6C base and streaks.

Ray floret, under side.—Immature: Near 8B. Mature: Near 8B with near 181B streaks. Fading: Near 11B.

Disc florets.—Mature: Near 15B.

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Changes as the flower ages.—Center is completely yellow, bronze coloration becomes more prominent as outer ray florets fully open, flower form remains flat.

Reproductive organs:

Ray florets.—Pistillate. Stigma shape: 2 branched. Stigma color: Near 7A. Style length: About 0.5 cm.

Disc florets.—Stigma shape: 2 branched. Stigma color: Near 12A. Style Length: About 0.4 cm. Stamen number: About 5. Anther length: About 0.15 cm. Pollen color: Near 14A. Pollen quantity: Abundant.

What is claimed is:

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

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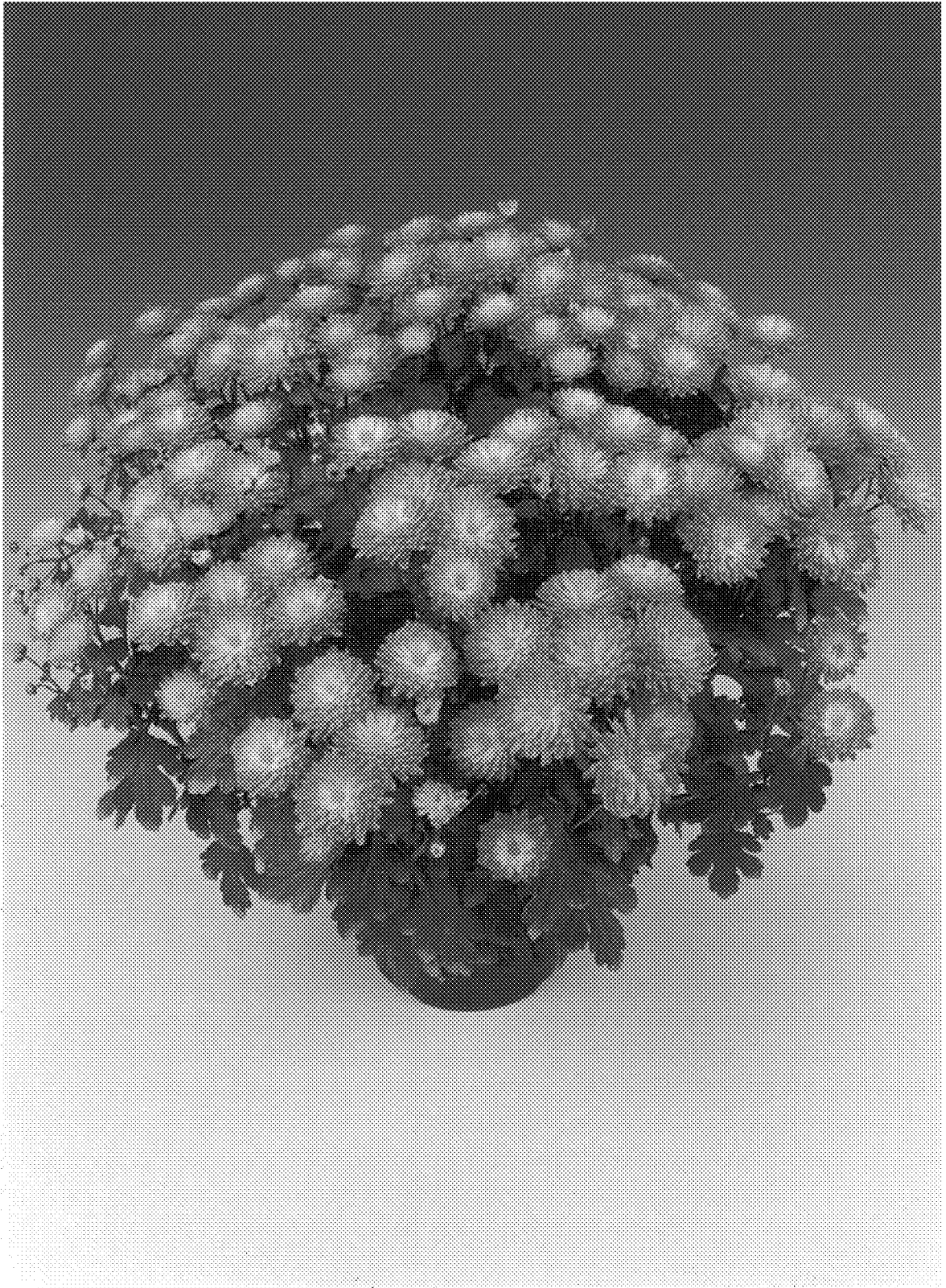


Fig. 1

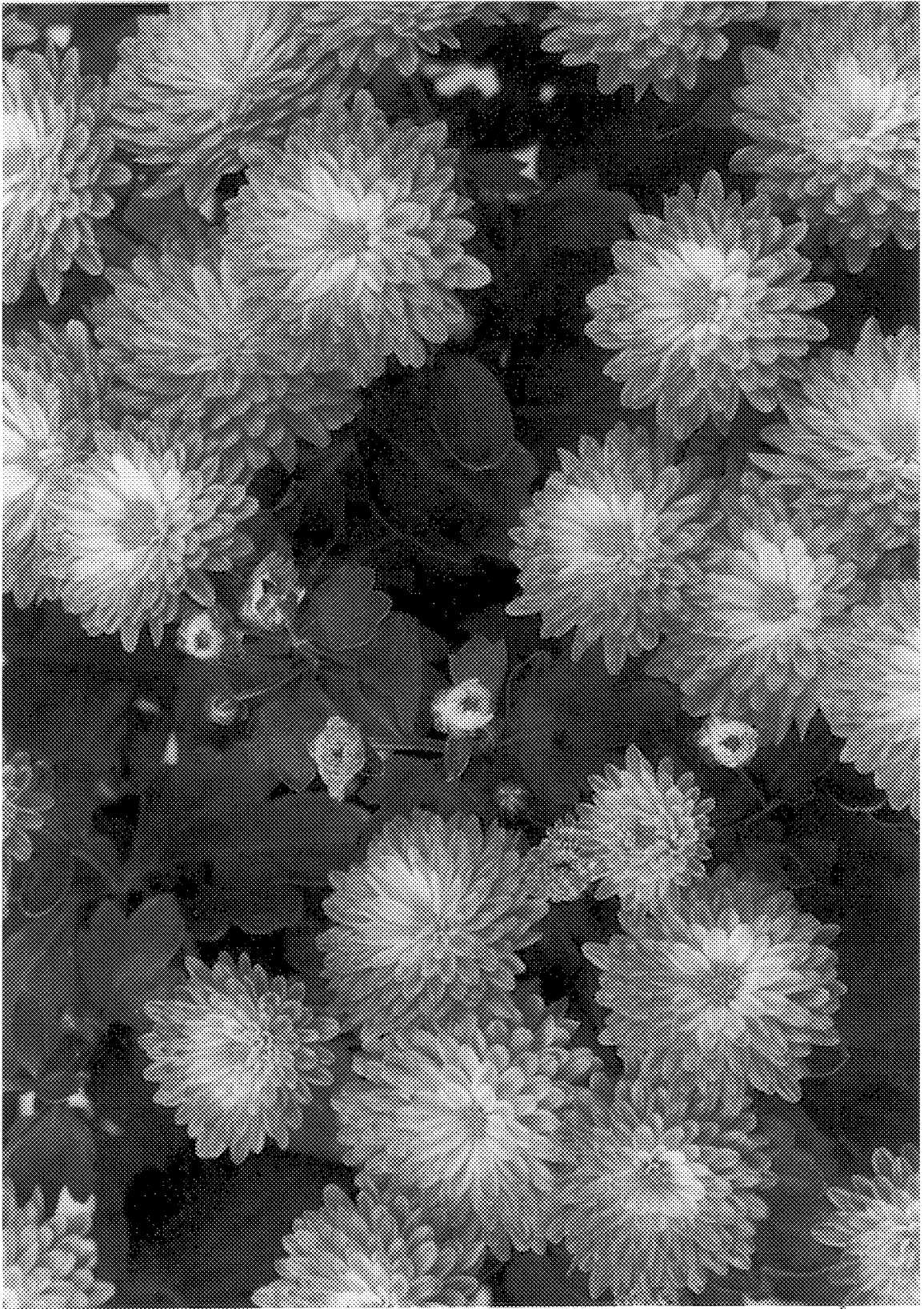


Fig. 2