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Bergman

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(54) **CHRYSANTHEMUM PLANT NAMED**
'CIDZ0064'

(50) Latin Name: *Chrysanthemum*×*morifolium*
Varietal Denomination: **CIDZ0064**

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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 0 days.

(21) Appl. No.: **14/756,191**

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20, 2014.

(51) **Int. Cl.**
A01H 5/02 (2006.01)

(52) **U.S. Cl.**
USPC **Plt./297**

(58) **Field of Classification Search**
USPC Plt./297
CPC A01H 5/0225
See application file for complete search history.

(56) **References Cited**

PUBLICATIONS

GTITM UPOVROM Plant Variety Database Citation for
'CIDZ0064' as per CA PBR 13-8103; Aug. 20, 2013; 1 page.*

* cited by examiner

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(57) **ABSTRACT**

A new *Chrysanthemum* plant named 'CIDZ0064' particu-
larly distinguished by pink, daisy-type inflorescences with
spoon-shaped rays, compact and uniform plant habit, and a
flowering response time of 7.5 weeks.

1 Drawing Sheet

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Latin name of the genus and species of the plant claimed:
Chrysanthemum×*morifolium*.

Varietal denomination: 'CIDZ0064'.

BACKGROUND OF THE NEW PLANT

The present invention comprises a new *Chrysanthemum*,
botanically known as *Chrysanthemum*×*morifolium*, and
hereinafter referred to by the variety name 'CIDZ0064'.

'CIDZ0064' is a product of a planned breeding program.
The new cultivar has pink, daisy-type inflorescences with
spoon-shaped rays, compact and uniform plant habit, and a
flowering response time of 7.5 weeks.

'CIDZ0064' originates as a natural whole plant mutation
discovered by the inventor among a flowering bed of
'CIDZ0030' in March 2010 in a greenhouse in Gilroy, Calif.
The parent was the commercial, proprietary variety
'CIDZ0030' with slightly lighter pink inflorescence color,
shorter ray florets, and with a less uniform length of ray
floret tubes than with inflorescences of 'CIDZ0064'.

The first act of asexual reproduction of 'CIDZ0064' was
accomplished when vegetative cuttings were propagated
from the initial selection in June 2010 in a greenhouse in
Gilroy, Calif.

BRIEF SUMMARY OF INVENTION

Horticultural examination of plants grown from cuttings
of the plant initiated in November 2010, and continuing
thereafter, has demonstrated that the combination of char-

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acteristics as herein disclosed for 'CIDZ0064' are firmly
fixed and are retained through successive generations of
asexual reproduction.

'CIDZ0064' has not been observed under all possible
environmental conditions. The phenotype may vary signifi-
cantly with variations in environment such as temperature,
light intensity, and day length.

The following traits have been repeatedly observed and
are determined to be basic characteristics of the new variety.
The combination of these characteristics distinguishes this
Chrysanthemum as a new and distinct variety.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

The accompanying photographic drawings show typical
inflorescence and foliage characteristics of 'CIDZ0064' with
colors being as true as possible with an illustration of this
type.

The photographic drawings show in FIG. 1 a close-up
view of an inflorescence and in FIG. 2 a flowering plant of
the new variety.

DETAILED BOTANICAL DESCRIPTION

The plant descriptions and measurements were taken
indoors in Nipomo, Calif. in August 2014 on about 11 week
old plants. Unrooted cuttings had been planted, 4 plants per
pot, in 6 inch pots on May 24, 2014. The plants were pinched
and moved to short days on Jun. 16, 2014 to induce
flowering.

The aforementioned photographs: FIGS. 1 and 2 were taken in Nipomo, Calif. in May 2013, and showing a plant from a trial, in which flowering had been induced by applying black cloth.

These plants were about 11 weeks of age. Unrooted cuttings had been planted, 4 plants per pot, in 6 inch pots. The plants were pinched and moved to short days to induce flowering.

Color references are made to The Royal Horticultural Society Colour Chart (R.H.S.) 2001.

TABLE 1

DIFFERENCES BETWEEN THE NEW VARIETY 'CIDZ0064' AND A MOST SIMILAR VARIETY		
	'CIDZ0064'	'YOROANOKE', U.S. Pat. No. PP12,906
Plant size and habit:	More compact, more uniform	More vigorous growth, taller
Flower, shape of ray florets:	Spoon-type (spathulate)	Flat (elliptic)
Flower size:	Larger	Smaller

Plant:

Form, growth and habit.—Herbaceous pot-type, stems upright, freely branching, strong and moderately vigorous growth habit.

Plant height.—26.0-28.0 cm.

Plant height (inflorescence included).—33.0-35.0 cm.

Plant width.—35.0-38.0 cm.

Roots:

Number of days to initiate roots.—4 days at about 22 degrees C.

Number of days to produce a rooted cutting.—10-12 days at 22 degrees C.

Type.—Fine, fibrous, free branching.

Color.—RHS N155B but whiter.

Foliage:

Arrangement.—Alternate.

Immature, leaf color, upper surface.—Closest to RHS 137B.

Lower surface.—RHS 137C.

Mature, leaf color, upper surface.—RHS 147A.

Lower surface.—RHS 147B.

Length.—6.8-8.5 cm.

Width.—5.0-5.55 cm.

Shape.—Ovate.

Base shape.—Attenuate.

Apex shape.—Mucronulate.

Margin.—Palmately lobed; irregularly incised, somewhat serrate.

Texture, upper surface.—Bifid T-shaped hairs.

Lower surface.—Bifid T-shaped hairs.

Color of veins, upper surface.—RHS 144C becoming indistinct.

Color of veins, lower surface.—RHS 144C.

Pattern of veining.—Palmate.

Petiole color.—RHS 144C.

Length.—2.5-3.5 cm.

Diameter.—0.4-0.8 cm.

Texture.—Bifid T-shaped hairs.

Stem:

Quantity of main branches per plant.—5.

Color of stem.—RHS 146A.

Length of stem.—About 26.0 cm.

Diameter.—0.4-0.6 cm.

Length of internodes.—0.6-2.5 cm.

Texture.—Bifid T-shaped hairs.

Color of peduncle.—RHS 146A.

Length of peduncle.—3.0-7.5 cm.

Peduncle diameter.—0.2 cm.

Texture.—Bifid T-shaped hairs.

Inflorescence:

Type.—Compositae type, solitary spoon-type inflorescences borne terminally above foliage, ray florets arranged acropetally on a capitulum.

Quantity of short days to flowering (response time).—7.5 weeks.

Natural season flowering.—Not determined on this variety.

Quantity of inflorescences per plant.—95-120.

Lastingness of individual blooms on the plant.—4 weeks.

Fragrance.—Slightly spicy.

Bud (just when opening/showing color):

Color.—Closest to RHS 75D.

Length.—0.5-0.7 cm.

Width.—0.6 cm.

Shape.—Oblate.

Immature inflorescence:

Diameter.—5.0 cm.

Color of ray florets, upper surface.—RHS 75A overlain with 70B.

Lower surface.—Closest to RHS 75D.

Mature inflorescence:

Diameter.—7.0-7.5 cm.

Depth.—2.5-3.0 cm.

Total diameter of disc.—1.7-2.0 cm.

Receptacle color.—RHS 145B.

Receptacle height.—0.4 cm.

Receptacle diameter.—0.6-0.7 cm.

Ray florets:

Average quantity of florets.—24.

Color of florets, upper surface.—Spoons closest to RHS 75A and RHS 75B, tubes closest to RHS 75D.

Lower surface.—Closest to RHS 75D.

Length.—2.5-3.3 cm.

Width.—0.8-1.1 cm.

Shape.—Long narrow spoon.

Apex shape.—Rounded.

Margin.—Entire.

Texture, upper surface.—Papillose.

Lower surface.—Papillose.

Disc florets:

Average quantity of florets.—170-200.

Color of florets.—RHS 7B basally fading to more RHS 155D with a RHS 7B apex.

Length.—0.5-0.8 cm.

Width.—0.15-0.3 cm when open.

Shape.—Tubular, elongated.

Apex shape.—Acute, 5 pointed.

Phyllaries:

Quantity.—About 25.

Color, upper surface.—Lighter than RHS 138B.

Lower surface.—RHS 138B.

Length.—0.5-0.7 cm.

Width.—0.15-0.2 cm.

Shape.—Lanceolate.

Apex shape.—Acute.

Base.—Fused.

Margins.—Entire; slightly papery.
Texture, upper surface.—Glabrous.
Lower surface.—Bifid T-shaped hairs.
 Reproductive organs:
Pistil.—1, found on both types of florets.
Length.—0.6 cm.
Style color.—RHS 155C.
Style length.—0.45 cm.
Stigma color.—RHS 17C.
Stigma shape.—Bi-parted.
Ovary color.—RHS 155C but more translucent.
Stamens.—4, found only on the disc florets.
Color of filaments.—RHS 155C.
Length filaments.—0.4-0.5 cm.

Anther color.—RHS 15A.
Anther length.—0.15 cm.
Anther shape.—Oval.
Color of pollen.—RHS 17B.
Pollen amount.—Sparse.
Fertility/seed set.—Has not been observed to date.
Disease/pest resistance.—Has not been observed to date.
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 10 What is claimed is:
 1. A new and distinct variety of *Chrysanthemum* plant named 'CIDZ0064' substantially as illustrated and described herein.

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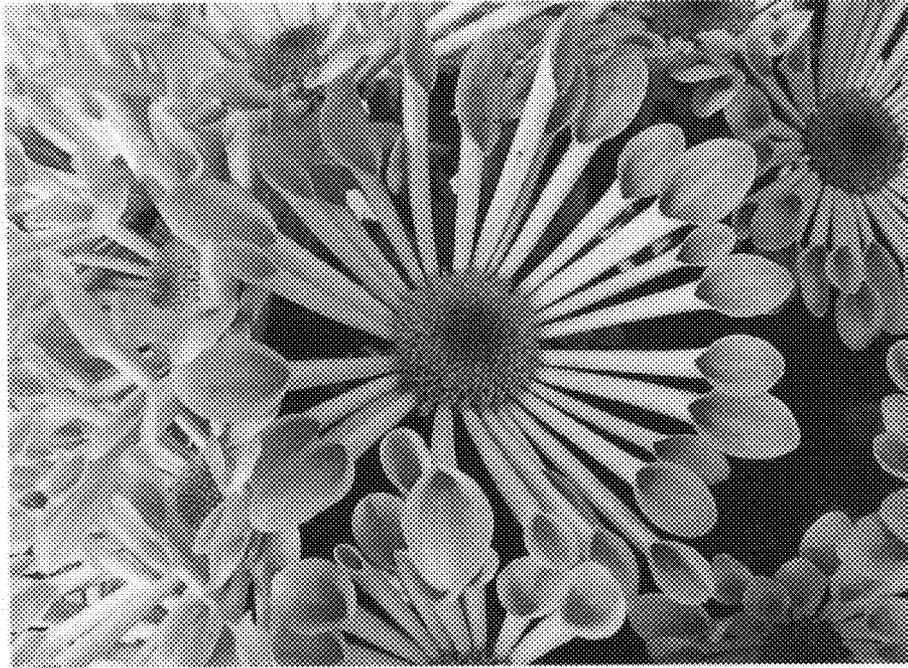


FIGURE 1

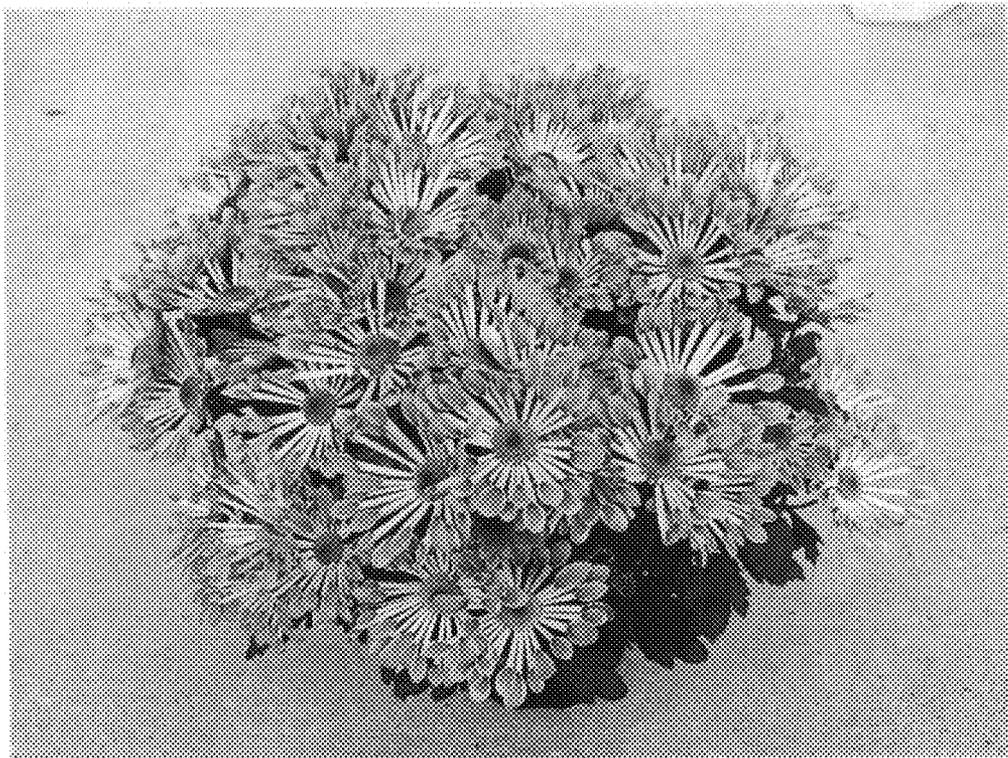


FIGURE 2