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(54) **CHRYSANTHEMUM PLANT NAMED**
'CIDZ0113'

(50) Latin Name: *Chrysanthemum x morifolium*
Varietal Denomination: **'CIDZ0113'**

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(52) **U.S. Cl.**
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(58) **Field of Classification Search**
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See application file for complete search history.

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(57) **ABSTRACT**

A new *Chrysanthemum* plant named 'CIDZ0113' having large sized purple and white bicolored daisy-type inflorescences, compact strong 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 x morifolium.

Varietal denomination: 'CIDZ0113'.

BACKGROUND OF THE NEW PLANT

The present invention comprises a new *Chrysanthemum*, botanically known as *Chrysanthemum x morifolium*, and hereinafter referred to by the variety name 'CIDZ0113'.

'CIDZ0113' is a product of a planned breeding program. The new cultivar has large sized purple and white bicolored daisy-type inflorescences, compact strong and uniform plant habit, and a flowering response time of 7.5 weeks.

'CIDZ0113' originated from a hybridization made in May 2011 in a greenhouse in Gilroy, Calif. The female parent was the unpatented, proprietary plant designated as 'B7135', having red and yellow bicolored daisy-type inflorescences, a smaller flower size and slower flowering response when compared to 'CIDZ0113'.

The male parent of 'CIDZ0113' was the unpatented, proprietary plant designated as 'B7210', having purple daisy-type inflorescences with spoon shaped florets, and more vigorous growth habit than 'CIDZ0113'.

The seed was sown in May 2013 and the resulting plants were grown in pots in a greenhouse in Gilroy, Calif. 'CIDZ0113' was selected as one flowering plant within the progeny of the stated cross in September 2013.

The first act of asexual reproduction of 'CIDZ0113' was accomplished when vegetative stem cuttings were propagated from the initial selection in December 2013 in Gilroy Calif.

BRIEF SUMMARY OF INVENTION

Horticultural examination of plants grown from cuttings of the plant initiated in December 2013 and continuing thereafter, has demonstrated that the combination of char-

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acteristics as herein disclosed for 'CIDZ0113' are firmly fixed and are retained through successive generations of asexual reproduction.

'CIDZ0113' has not been observed under all possible environmental conditions. The phenotype may vary significantly with variations in environment such as temperature, light intensity and day length.

A Plant Breeder's Right for this cultivar has not yet been applied for. 'CIDZ0113' has not been made publicly available prior to the effective filing date of this application, notwithstanding any disclosure that may have been made less than one year prior to the effective filing date of this application by the inventor or another who obtained 'CIDZ0113' directly from the inventor.

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 flower and foliage characteristics of 'CIDZ0113' 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 Hollister, Calif. in May 2021 on about 9 week old plants. Unrooted cuttings had been planted, 4 plants per pot, in 6 inch pots on Mar. 3, 2021. The plants were pinched and moved to short days on Mar. 24, 2021 to induce flowering.

The aforementioned photographs: FIGS. 1 and 2 were taken of the same plants used for the descriptions and measurements in Hollister, Calif. in May 2021.

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

TABLE 1

DIFFERENCES BETWEEN THE NEW VARIETY 'CIDZ0113' AND A MOST SIMILAR VARIETY:		
	'CIDZ0113'	'Yoapple Valley', U.S. Plant Pat. No. 21,420
Plant size and habit:	Taller	Shorter
Flowering response:	Slower	Faster
Flower size:	Smaller	Larger

Plant:

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

Plant height.—13.0-14.0 cm.

Plant height (inflorescence included).—18.0 cm.

Plant width.—36.0-38.0 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.—RHS 137A.

Lower surface.—RHS 138A.

Mature, leaf color, upper surface.—RHS 139A.

Lower surface.—RHS 137B.

Length.—5.7-6.5 cm.

Width.—3.8-4.1 cm.

Shape.—Ovate.

Base shape.—Attenuate.

Apex shape.—Mucronulate.

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

Texture, upper surface.—Puberlulent.

Lower surface.—Puberlulent.

Color of veins, upper surface.—RHS 138B.

Color of veins, lower surface.—RHS 137B.

Pattern of veining.—Palmate.

Petiole color.—RHS 139A.

Length.—2.4-2.9 cm.

Diameter.—0.25-0.4 cm.

Texture.—Puberlulent.

Stem:

Quantity of main branches per plant.—4-5.

Color of stem.—RHS 137C.

Length of stem.—9.0-11.0 cm.

Diameter.—0.3-0.4 cm.

Length of internodes.—0.5-3.1 cm.

Texture.—Puberlulent.

Color of peduncle.—RHS 137C.

Length of peduncle.—2.6-5.2 cm.

Peduncle diameter.—0.15-0.2 cm.

Texture.—Puberlulent.

Inflorescence:

Type.—Compositae type, single-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 for this variety.

Quantity of inflorescences per plant.—27-34.

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

Fragrance.—Slightly spicy.

Bud (just when opening/showing color):

Color.—RHS 145D.

Length.—0.8 cm.

Width.—0.8 cm.

Shape.—Oblate.

Immature inflorescence:

Diameter.—5.6 cm.

Color of ray florets, upper surface.—Closest to RHS 61A at base, transitioning to RHS 155C at apex.

Lower surface.—Closest to RHS 59C overlain with RHS 155C at base, transitioning to RHS 155C at apex.

Mature inflorescence:

Diameter.—7.1-7.6 cm.

Depth.—2.0 cm.

Total diameter of disc.—1.5 cm.

Receptacle color.—RHS 145A.

Receptacle height.—0.5 cm.

Receptacle diameter.—0.6 cm.

Ray florets:

Average quantity of florets.—21.

Color of florets, upper surface.—Closest to RHS 71A at base transitioning to RHS 155D at apex.

Lower surface.—Closest to RHS 70A at base transitioning to RHS 155D at apex.

Length.—3.1-3.8 cm.

Width.—0.8-1.1 cm.

Shape.—Elliptical.

Apex shape.—Mostly acute and a few emarginate.

Margin.—Entire.

Texture, upper surface.—Papillose.

Lower surface.—Papillose.

Disc florets:

Average quantity of florets.—195.

Color of florets.—RHS 5A.

Length.—0.6 cm.

Width.—0.1 cm.

Shape.—Tubular, elongated.

Apex shape.—Acute, 5 pointed.

Phyllaries:

Quantity.—20-23.

Color, upper surface.—RHS 137A.

Lower surface.—RHS 137A.

Length.—0.8-0.9 cm.

Width.—0.2-0.3 cm.

Shape.—Lanceolate.

Apex shape.—Acute.

Base.—Fused.

Margins.—Entire; slightly papery.

Texture, upper surface.—Glabrous.

Lower surface.—Puberlulent.

Reproductive organs:

Pistil.—1, found on both types of florets.

Length.—0.55 cm.

Style color.—RHS 145D.

Style length.—0.5 cm.

Stigma color.—RHS 1C.

Stigma shape.—Bi-parted.
Ovary color.—RHS 155C but more translucent.
Stamens.—4, found on only on the disc florets.
Color of filaments.—RHS 155C.
Length filaments.—0.2 cm.
Anther color.—RHS 12A.
Anther length.—0.15 cm.
Anther shape.—Oval.
Color of pollen.—RHS 12A.

Pollen amount.—Low.
Fertility/seed set.—Poor.
Disease/pest resistance.—Has not been observed to date.

5 What is claimed is:

1. A new and distinct variety of *Chrysanthemum* plant named 'CIDZ0113' substantially as illustrated and described herein.

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FIG. 1



FIG. 2