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(54) **CHRYSANTHEMUM PLANT NAMED**  
**'CIDZ0090'**

(50) Latin Name: *Chrysanthemum x morifolium*  
Varietal Denomination: **CIDZ0090**

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(52) **U.S. Cl.**  
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(58) **Field of Classification Search**  
USPC ..... **Plt./263.1, 284, 286, 294**  
See application file for complete search history.

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(57) **ABSTRACT**

A new *Chrysanthemum* plant named 'CIDZ0090' particularly distinguished by the large white, daisy-type inflorescences, strong and vigorous plant habit, and a flowering response time of 7 weeks.

**1 Drawing Sheet**

**1**

Latin name of the genus and species of the plant claimed:  
*Chrysanthemum x morifolium*.  
Varietal denomination: 'CIDZ0090'.

**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 'CIDZ0090'.

'CIDZ0090' is a product of a planned breeding program. The new cultivar has large white, daisy-type inflorescences, strong and vigorous plant habit, and a flowering response time of 7 weeks.

'CIDZ0090' originated from a hybridization made in September, 2011 in a greenhouse in Gilroy, Calif. The female parent was the unpatented, proprietary plant designated as 'D0089', having purple and white bicolored daisy inflorescences, larger flower size and fuller, wider plant habit when compared to 'CIDZ0090'.

The male parent of 'CIDZ0090' was the unpatented, proprietary plant designated as 'B7685', with white colored daisy-type inflorescences and slower flowering response than 'CIDZ0090'.

The seed was sown in May, 2012 and the resulting plants were grown in pots in a greenhouse in Gilroy, Calif. 'CIDZ0090' was selected as one flowering plant within the progeny of the stated cross in October 2012.

The first act of asexual reproduction of 'CIDZ0090' was accomplished when vegetative cuttings were propagated from the initial selection in February, 2013, in Gilroy Calif.

**BRIEF SUMMARY OF INVENTION**

Horticultural examination of plants grown from cuttings of the plant initiated in May, 2013 and continuing thereafter, has demonstrated that the combination of characteristics as herein disclosed for 'CIDZ0090' are firmly fixed and are retained through successive generations of asexual reproduction.

**2**

'CIDZ0090' 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.

5 A Plant Breeder's Right for this cultivar has not been applied for. 'CIDZ0090' has not been made publicly available prior to the effective filing date of this application, notwithstanding any disclosure that may have been made  
10 less than one year prior to the effective filing date of this application by the inventor or another who obtained 'CIDZ0090' directly from the inventor.

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

**BRIEF DESCRIPTION OF THE PHOTOGRAPHS**

20 The accompanying photographic drawing shows typical flower and foliage characteristics of 'CIDZ0090' with colors being as true as possible with an illustration of this type. The photographic drawing shows in FIG. 1 a close-up view plant of an inflorescence, and in FIG. 2 a flowering plant of the  
25 new variety.

**DETAILED BOTANICAL DESCRIPTION**

30 The plant descriptions and measurements were taken indoors in Gilroy, Calif. in January, 2017 on about 11 week old plants. Unrooted cuttings had been planted, 4 plants per pot, in 6 inch pots on Oct. 26, 2016. The plants were pinched and moved to short days on Nov. 14, 2016 to induce  
35 flowering.

The aforementioned photographs: FIGS. 1 and 2 was taken in Gilroy, Calif. in January, 2017, 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 'CIDZ0090' AND A MOST SIMILAR VARIETY 'YOJUNEAU' PP20560		
	'CIDZ0090'	'YOJUNEAU'
Plant size and habit:	Taller	Shorter
Flowering response:	Faster	Slower
Flower size:	Larger	Smaller

## Plant:

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

*Plant height.*—12.0-15.0 cm.

*Plant height (inflorescence included).*—13.0-21.0 cm.

*Plant width.*—26.0-30.0 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 137C.

*Mature, leaf color, upper surface.*—RHS 137B.

*Lower surface.*—RHS 137C.

*Length.*—4.8-6.5 cm.

*Width.*—3.5-4.2 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 138B.

*Color of veins, lower surface.*—RHS 138C.

*Pattern of veining.*—Palmate.

*Petiole color.*—RHS 138B.

*Length.*—1.2-1.6 cm.

*Diameter.*—0.2 cm.

*Texture.*—Bifid T-shaped hairs.

## Stem:

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

*Color of stem.*—RHS 138B.

*Length of stem.*—13.0-15.0 cm.

*Diameter.*—0.3-0.5 cm.

*Length of internodes.*—0.5-1.2 cm.

*Texture.*—Bifid T-shaped hairs.

*Color of peduncle.*—RHS 138B.

*Length of peduncle.*—0.9-1.7 cm.

*Peduncle diameter.*—0.2 cm.

*Texture.*—Bifid T-shaped hairs.

## Inflorescence:

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

*Quantity of short days to flowering (response time).*—7 weeks.

*Natural season flowering.*—Not determined on this variety.

*Quantity of inflorescences per plant.*—30-45.

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

*Fragrance.*—Slightly spicy.

## Bud (just when opening/showing color):

*Color.*—Closest to RHS 4D.

*Length.*—1.4-1.8 cm.

*Width.*—1.0-1.3 cm.

*Shape.*—Oblate.

## Immature inflorescence:

*Diameter.*—3.8-5.0 cm.

*Color of ray florets, upper surface.*—Closest to RHS 155D with RHS 145A at base.

*Lower surface.*—Closest to RHS 155D with RHS 145A at base.

## Mature inflorescence:

*Diameter.*—6.0-6.6 cm.

*Depth.*—2.0-3.2 cm.

*Total diameter of disc.*—1.7-2.0 cm.

*Receptacle color.*—RHS 145B.

*Receptacle height.*—0.3 cm.

*Receptacle diameter.*—0.4 cm.

## Ray florets:

*Average quantity of florets.*—25-33.

*Color of florets, upper surface.*—Closest to RHS 155D with RHS 145A at base.

*Lower surface.*—Closest to RHS 155D with RHS 145A at base.

*Length.*—2.6-3.0 cm.

*Width.*—0.7-1.0 cm.

*Shape.*—Elliptical.

*Apex shape.*—Acute.

*Margin.*—Entire.

*Texture, upper surface.*—Papillose.

*Lower surface.*—Papillose.

## Disc florets:

*Average quantity of florets.*—140-160.

*Color of florets.*—RHS 7B apex; RHS 145C at the base.

*Length.*—0.4-0.6 cm.

*Width.*—0.15-0.25 cm when open.

*Shape.*—Tubular, elongated.

*Apex shape.*—Acute, 5 pointed.

## Phyllaries:

*Quantity.*—20-25.

*Color, upper surface.*—RHS 138A.

*Lower surface.*—RHS 137B.

*Length.*—0.7-1.1 cm.

*Width.*—0.2-0.3 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.*—0.7 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 on 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.

5

What is claimed is:

1. A new and distinct variety of *Chrysanthemum* plant named 'CIDZ0090' substantially as illustrated and described herein.

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FIG. 1

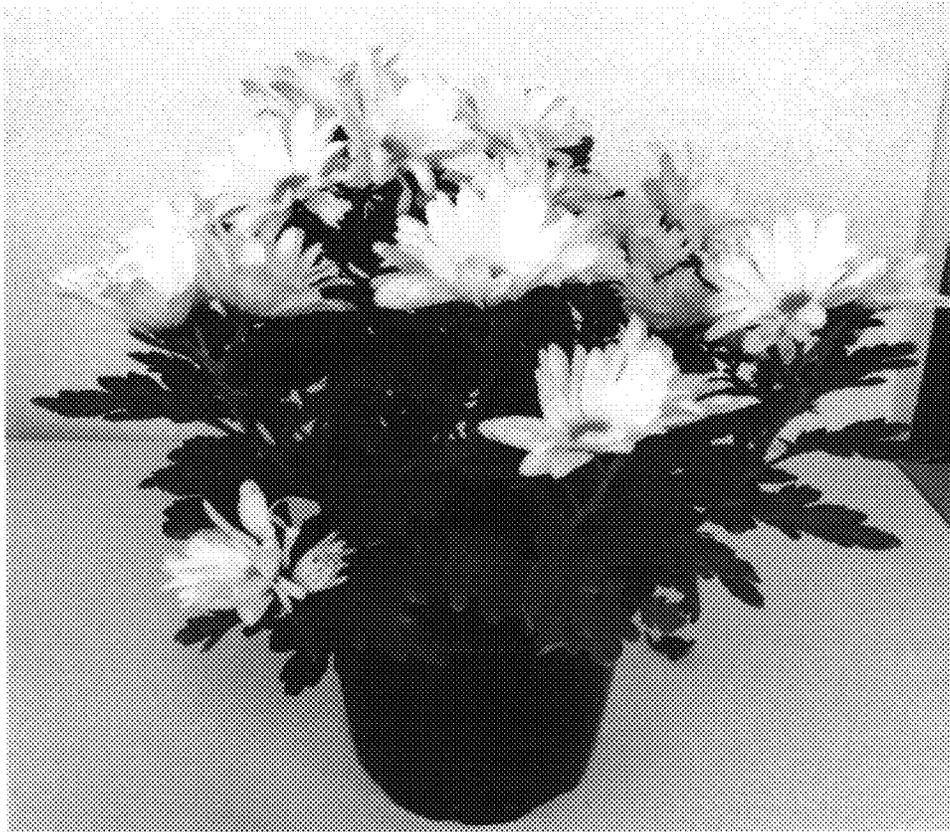


FIG. 2