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**Bergman**

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(54) **CHRYSANTHEMUM PLANT NAMED**  
**'CIDZ0110'**

(50) Latin Name: *Chrysanthemum x morifolium*  
Varietal Denomination: **CIDZ0110**

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patent is extended or adjusted under 35  
U.S.C. 154(b) by 0 days.

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**A01H 6/14** (2018.01)

(52) **U.S. Cl.**  
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(58) **Field of Classification Search**

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See application file for complete search history.

(56) **References Cited**

**PUBLICATIONS**

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7, 2021, retrieved from the Internet at [https://www3.wipo.int/pluto/  
user/en/index.jsp](https://www3.wipo.int/pluto/user/en/index.jsp), one page. (Year: 2021).\*

\* cited by examiner

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(57) **ABSTRACT**

A new *Chrysanthemum* plant named 'CIDZ0110' having  
large sized orange bronze daisy-type inflorescences, com-  
pact strong and uniform 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: 'CIDZ0110'.

**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 'CIDZ0110'.

'CIDZ0110' is a product of a planned breeding program.  
The new cultivar has large sized orange bronze daisy-type  
inflorescences, compact strong and uniform plant habit, and  
a flowering response time of 7 weeks.

'CIDZ0110' originated from a hybridization made in  
August 2013 in a greenhouse in Gilroy, Calif. The female  
parent was the unpatented, proprietary plant designated as  
'B7017', having light purple daisy-type inflorescences,  
slightly smaller flower size and more vigorous growth when  
compared to 'CIDZ0110'.

The male parent of 'CIDZ0110' was the unpatented,  
proprietary plant designated as 'B8680', having orange  
bronze daisy-type inflorescences, abundant pollen produc-  
tion, smaller flower size and slower flowering response  
when compared to 'CIDZ0110'.

The seed was sown in September 2014 and the resulting  
plants were grown in pots in a greenhouse in Gilroy, Calif.  
'CIDZ0110' was selected as one flowering plant within the  
progeny of the stated cross in January 2015.

The first act of asexual reproduction of 'CIDZ0110' was  
accomplished when vegetative cuttings were propagated  
from the initial selection in April 2015 in Gilroy, Calif.

**BRIEF SUMMARY OF INVENTION**

Horticultural examination of plants grown from cuttings  
of the plant initiated in April 2015 and continuing thereafter,

**2**

has demonstrated that the combination of characteristics as  
herein disclosed for 'CIDZ0110' are firmly fixed and are  
retained through successive generations of asexual repro-  
duction.

5 'CIDZ0110' 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.

A Plant Breeder's Right for this cultivar was applied for  
in Canada on Aug. 4, 2021, No. 21 -10679. 'CIDZ0110' 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  
15 obtained 'CIDZ0110' 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 'CIDZ0110' with colors  
being as true as possible with an illustration of this type.

25 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**

30 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 (RHS) 2001.

TABLE 1

DIFFERENCES BETWEEN THE NEW VARIETY 'CIDZ0110' AND A MOST SIMILAR VARIETY:		
	'CIDZ0110'	'Yoauburn', U.S. Plant Pat. No. 12,526
Plant size and habit:	Shorter	Taller
Flowering response:	Faster	Slower
Flower size:	Larger	Smaller

## Plant:

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

*Plant height.*—15.0-17.0 cm.

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

*Plant width.*—31.0 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 139A.

*Lower surface.*—RHS 138B.

*Length.*—5.5-6.3 cm.

*Width.*—4.1-5.3 cm.

*Shape.*—Ovate.

*Base shape.*—Attenuate.

*Apex shape.*—Mucronulate.

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

*Number of margin indentations.*—Few.

*Texture, upper surface.*—Puberlulent.

*Lower surface.*—Puberlulent.

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

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

*Pattern of veining.*—Palmate.

*Petiole color.*—RHS 139A.

*Length.*—1.3-2.5 cm.

*Diameter.*—0.4-0.5 cm.

*Stipule.*—Irregularly present.

*Stipule length.*—0.3-1.2 cm.

*Stipule color.*—RHS 137A.

*Texture.*—Puberlulent.

## Stem:

*Quantity of main branches per plant.*—4-6.

*Color of stem.*—RHS 138B.

*Length of stem.*—11.5-14.5 cm.

*Diameter.*—0.4-0.5 cm.

*Length of internodes.*—0.7-2.6 cm.

*Texture.*—Puberlulent.

*Color of peduncle.*—RHS 138B.

*Length of peduncle.*—3.0-6.5 cm.

*Peduncle diameter.*—0.2-0.25 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 weeks.

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

*Quantity of inflorescences per plant.*—14-21.

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

*Fragrance.*—Slightly spicy.

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

*Color.*—RHS 161C.

*Length.*—0.9 cm.

*Width.*—1.1 cm.

*Shape.*—Oblate.

## Immature inflorescence:

*Diameter.*—5.6 cm.

*Color of ray florets, upper surface.*—Closest to RHS 167A.

*Lower surface.*—Closest to RHS 162A with tones of 167C.

## Mature inflorescence:

*Diameter.*—9.0-9.8 cm.

*Depth.*—3.0 cm.

*Total diameter of disc.*—1.8 cm.

*Receptacle color.*—RHS 145B.

*Receptacle height.*—0.4 cm.

*Receptacle diameter.*—0.8 cm.

## Ray florets:

*Average quantity of florets.*—22.

*Type.*—Ligulate.

*Color of florets, upper surface.*—Closest to RHS 167A with tones of RHS 22A and RHS 172C.

*Lower surface.*—Closest to RHS 162A with tones of RHS 167C.

*Length.*—4.2-4.7 cm.

*Width.*—1.2-1.3 cm.

*Longitudinal axis.*—Straight.

*Shape.*—Elliptical.

*Apex shape.*—Mostly mucronate and a few asymmetrically cleft.

*Corolla tube.*—Short.

*Margin.*—Entire.

*Texture, upper surface.*—Papillose.

*Lower surface.*—Papillose.

## Disc florets:

*Average quantity of florets.*—297.

*Color of immature florets.*—Light green.

*Color of mature florets.*—RHS 8A.

*Length.*—0.7 cm.

*Width.*—0.1 cm.

*Shape.*—Tubular, elongated.

*Apex shape.*—Acute, 5 pointed.

## Phyllaries:

*Quantity.*—Average of 29.

*Color, upper surface.*—RHS 137A.

*Lower surface.*—RHS 137A.

*Length.*—0.7-1.2 cm.

*Width.*—0.3-0.4 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.*—0.7 cm.  
*Style color.*—RHS 145D.  
*Style length.*—0.5 cm.  
*Stigma color.*—RHS 4B.  
*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.  
 5 *Color of pollen.*—RHS 12A.  
*Pollen amount.*—Scant.  
*Fertility/seed set.*—Good.  
*Disease/pest resistance.*—Has not been observed to date.  
 10 *Heat and cold resistance.*—Has not been determined to date.

What is claimed is:

1. A new and distinct variety of *Chrysanthemum* plant  
 15 named 'CIDZ0110' substantially as illustrated and described herein.

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FIG. 1



FIG. 2