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(54) **CHRYSANTHEMUM PLANT NAMED**  
**‘CIDZ0117’**

(50) Latin Name: *Chrysanthemum x morifolium*  
Varietal Denomination: **CIDZ0117**

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patent is extended or adjusted under 35  
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(52) **U.S. Cl.**  
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(58) **Field of Classification Search**  
USPC ..... **Plt./286, 287, 293**  
See application file for complete search history.

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(57) **ABSTRACT**

A new *Chrysanthemum* plant named ‘CIDZ0117’ particu-  
larly distinguished by its large red double type inflores-  
cences, moderately vigorous, 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: ‘CIDZ0117’.

**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 ‘CIDZ0117’.

‘CIDZ0117’ is a product of a planned breeding program.  
The new cultivar has large red double type inflorescences,  
moderately vigorous, strong and uniform plant habit, and a  
flowering response time of 7.5 weeks.

‘CIDZ0117’ originated from a hybridization made in  
October 2017 in a greenhouse in Gilroy, Calif. The female  
parent was the unpatented plant designated as ‘F0419’,  
having 25% smaller decorative inflorescences, 25% smaller  
foliage and 5 day slower flowering response when compared  
to ‘CIDZ0117’.

The male parent of ‘CIDZ0117’ was the unpatented,  
proprietary plant designated as ‘C0371’, having bronze  
semi-double type inflorescences with abundant pollen pro-  
duction, and larger flower size when compared to  
‘CIDZ0117’.

The seed was sown in July 2018 and the resulting plants  
were grown out of doors in a field covered by saran cloth in  
Fort Myers, Fla. ‘CIDZ0117’ was selected as one flowering  
plant within the progeny of the stated cross in December  
2018.

The first act of asexual reproduction of ‘CIDZ0117’ was  
accomplished when vegetative cuttings were propagated  
from the initial selection in March 2019, in Gilroy Calif.

**BRIEF SUMMARY OF INVENTION**

Horticultural examination of plants grown from cuttings  
of the plant initiated in March 2019 and continuing there-  
after, has demonstrated that the combination of characteris-

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tics as herein disclosed for ‘CIDZ0117’ are firmly fixed and  
are retained through successive generations of asexual  
reproduction.

‘CIDZ0117’ 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.

‘CIDZ0117’ 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 ‘CIDZ0117’ 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 ‘CIDZ0117’ with colors  
being as true as possible with an illustration of this type.

The photographic drawing shows 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 Gilroy, Calif. in August 2022 on about 11 week  
old plants. Unrooted cuttings had been planted, 4 plants per  
pot, in 6 inch pots in May 2022. The plants were pinched and  
moved to short days in June 2022 to induce flowering.

The aforementioned photographs: FIGS. 1 and 2 was  
taken in Gilroy, Calif. in May 2022, 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 'CIDZ0117' AND A MOST SIMILAR VARIETY:		
	'CIDZ0117'	'Yotobago', U.S. Plant Pat. No. 15,412
Flowering response:	7 days faster	7 days 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.*—29.0 cm.

*Plant height (inflorescence included).*—34.0 cm.

*Plant width.*—47.0 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 137B.

*Lower surface.*—RHS 138A.

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

*Lower surface.*—RHS 137B.

*Length.*—6.6-7.5 cm.

*Width.*—4.3-5.2 cm.

*Shape.*—Ovate.

*Base shape.*—Attenuate.

*Apex shape.*—Mucronate.

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

*Texture, upper surface.*—Puberlulent.

*Lower surface.*—Puberlulent.

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

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

*Pattern of veining.*—Palmate.

*Petiole color.*—RHS 139A.

*Length.*—1.8-2.5 cm.

*Diameter.*—0.3-0.4 cm.

*Texture.*—Puberlulent.

## Stem:

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

*Color of stem.*—RHS 138B.

*Length of stem.*—21.0-23.0 cm.

*Diameter.*—0.5 cm.

*Length of internodes.*—1.3-2.4 cm.

*Texture.*—Puberlulent.

*Stipule color.*—RHS 139A.

*Stipule length.*—0.9-1.1 cm.

*Stipule width.*—0.4-0.7 cm.

*Color of peduncle.*—RHS 138B.

*Length of peduncle.*—5.5-11.0 cm.

*Peduncle diameter.*—0.2-0.3 cm.

*Texture.*—Puberlulent.

## Inflorescence:

*Type.*—Compositae type, double-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.*—28-35 on a non-disbudded plant.

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

*Fragrance.*—Slightly spicy.

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

*Color.*—RHS 183C.

*Length.*—1.4 cm.

*Width.*—1.3 cm.

*Shape.*—Oblate.

## 20 Immature inflorescence:

*Diameter.*—6.5 cm.

*Color of ray florets, upper surface.*—RHS 60A.

*Lower surface.*—Closest to RHS 182B overlain with RHS 162C.

## 25 Mature inflorescence:

*Diameter.*—8.0 cm.

*Depth.*—3.3 cm.

*Total diameter of disc.*—Not present.

*Receptacle color.*—RHS 145B.

30 *Receptacle height.*—0.4 cm.

*Receptacle diameter.*—0.55 cm.

## Ray florets:

*Average quantity of florets.*—248.

*Color of florets, upper surface.*—RHS 60A.

35 *Lower surface.*—Closest to RHS 182B overlain with RHS 162C.

*Length.*—3.8-4.2 cm.

*Width.*—0.9-1.1 cm.

*Shape.*—Elliptical.

40 *Shape at longitudinal axis.*—Straight.

*Apex shape.*—Obtuse with a small cleft.

*Length of corolla tube.*—Short.

*Margin.*—Entire.

*Texture, upper surface.*—Papillose.

45 *Lower surface.*—Papillose.

## Disc florets:

*Average quantity of florets.*—1.

*Color of florets.*—RHS 5A.

*Length.*—0.25 cm.

50 *Width.*—0.05 cm.

*Shape.*—Tubular, elongated.

*Apex shape.*—Acute, 5 pointed.

## Phyllaries:

*Quantity.*—Average of 30.

55 *Color, upper surface.*—RHS 137A.

*Lower surface.*—RHS 137A.

*Length.*—0.8-1.1 cm.

*Width.*—0.2-0.35 cm.

*Shape.*—Lanceolate.

60 *Apex shape.*—Acute.

*Base.*—Fused.

*Margins.*—Entire; slightly papery.

*Texture, upper surface.*—Glabrous.

*Lower surface.*—Puberlulent.

## 65 Reproductive organs:

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

*Length.*—0.55 cm.  
*Style color.*—RHS 145D somewhat translucent.  
*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.*—0.1 cm.  
*Anther color.*—RHS 12A.  
*Anther length.*—0.1 cm.  
*Anther shape.*—Oval.

*Color of pollen.*—RHS 12A.  
*Pollen amount.*—Very little.  
*Fertility/seed set.*—Has not been observed to date.  
*Disease/pest resistance.*—Has not been observed to date.  
*Plant hardiness.*—Has not been observed to date.

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What is claimed is:

1. A new and distinct variety of *Chrysanthemum* plant named 'CIDZ0117' substantially as illustrated and described herein.

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FIG. 1



FIG. 2