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(12) **United States Plant Patent**  
**Bergman**

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(54) **CHRYSANTHEMUM PLANT NAMED**  
**'CIDZ0013'**

(50) Latin Name: *Chrysanthemum*×*morifolium*  
Varietal Denomination: **CIDZ0013**

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patent is extended or adjusted under 35  
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See application file for complete search history.

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(57) **ABSTRACT**

A new *Chrysanthemum* plant named 'CIDZ0013' particu-  
larly distinguished by the single-daisy form inflorescences,  
spoon-shaped ray florets, intense light purple ray floret color  
with a slow-developing green disc, medium green foliage,  
with a compact and full plant habit.

**1 Drawing Sheet**

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

Varietal denomination: 'CIDZ0013'.

**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 'CIDZ0013'.

'CIDZ0013' is a product of a planned breeding program.  
The new cultivar has single-daisy form inflorescences, spoon-  
shaped ray florets, intense light purple ray floret color with a  
slow-developing green disc, medium green foliage, with a  
compact and full plant habit.

'CIDZ0013' originated from a hybridization made in June  
2007 in a controlled breeding environment in Salinas, Calif.,  
USA. The female parent was the proprietary plant designated  
'YB-A3545', unpatented, with purple ray floret color, fewer  
inflorescences, and a one week slower flowering response.

The male parent of 'CIDZ0013' was an unpatented, pro-  
prietary plant identified as 'YB-A6845' with bronze ray floret  
color and produces pollen. The resultant seed was sown in  
October 2007 in Fort Myers, Fla., USA.

'CIDZ0013' was selected as one flowering plant within the  
progeny of the stated cross in March 2008 in a controlled  
environment in Fort Myers, Fla., USA.

The first act of asexual reproduction of 'CIDZ0013' was  
accomplished when vegetative cuttings were propagated  
from the initial selection in June 2008 in a controlled envi-  
ronment in Fort Myers, Fla., USA.

**BRIEF SUMMARY OF INVENTION**

Horticultural examination of plants grown from cuttings of  
the plant initiated in June 2008, and continuing thereafter, has  
demonstrated that the combination of characteristics as  
herein disclosed for 'CIDZ0013' are firmly fixed and are  
retained through successive generations of asexual reproduc-  
tion.

'CIDZ0013' has not been observed under all possible envi-  
ronmental conditions. The phenotype may vary significantly  
with variations in environment such as temperature, light  
intensity and day length.

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A Plant Breeder's Right for this cultivar was applied for in  
Canada on Aug. 17, 2010 (10-7071). 'CIDZ0013' has not  
been made publicly available more than one year prior to the  
filing of this application.

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 *Chry-*  
*santhemum* as a new and distinct variety.

**BRIEF DESCRIPTION OF THE PHOTOGRAPHS**

The accompanying photographic drawing shows typical  
flower and foliage characteristics of 'CIDZ0013' with colors  
being as true as possible with an illustration of this type.

The photographic drawing shows four flowering potted  
plants of the new variety and a close-up of the inflorescences.

**DETAILED BOTANICAL DESCRIPTION**

The plant descriptions, measurements and aforementioned  
photographs were taken in Gilroy, Calif. in early May 2011  
under natural light. These plants were propagated and grown  
in Nipomo, Calif. and shipped to Gilroy, Calif. for the data  
collection and photographs. These plants were approximately  
11 weeks of age; grown as four plants together in a six inch  
pot under greenhouse trial conditions

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

**TABLE 1**

**DIFFERENCES BETWEEN THE NEW VARIETY 'CIDZ0013'**  
**AND A MOST SIMILAR VARIETY**

	'CIDZ0013'	'Yolaporte' (U.S. Plant Pat. No. 13,917)
Flowering response:	Faster	Slower
Inflorescence quality:	Greater	Fewer
Plant habit:	Fuller/more dense habit	Less full/dense

Plant:

*Form, growth and habit.*—Herbaceous pot-type, stems  
upright and outwardly spreading, freely branching,  
uniform and strong and growth habit.

- Plant height.*—27.0-28.0 cm.  
*Plant height (inflorescence included).*—36.0-38.0 cm.  
*Plant width.*—20.0 cm.
- Roots:  
*Number of days to initiate roots.*—About 4 days at about 22 degrees C.  
*Number of days to produce a rooted cutting.*—About 10 days at 22 degrees C.  
*Type.*—Fine, fibrous, free branching.  
*Color.*—RHS N155B but whiter.
- Foliage:  
*Arrangement.*—Alternate, simple.  
*Immature, leaf color, upper surface.*—RHS 139A but lighter.  
*Lower surface.*—RHS 139A.  
*Mature, leaf color, upper surface.*—RHS 139A but lighter.  
*Lower surface.*—RHS 139A.  
*Length.*—7.0-9.5 cm.  
*Width.*—3.8-4.8 cm.  
*Shape.*—Ovate.  
*Base shape.*—Attenuate.  
*Apex shape.*—Mucronulate.  
*Margin.*—Palmately lobed; irregularly serrate.  
*Texture, upper surface.*—Bifid T-shaped hairs.  
*Lower surface.*—Bifid T-shaped hairs.  
*Color of veins, upper surface.*—RHS 144B.  
*Color of veins, lower surface.*—RHS 144B.  
*Petiole color.*—RHS 144B.  
*Length.*—2.4-2.8 cm.  
*Diameter.*—0.2-0.25 cm.  
*Texture.*—Bifid T-shaped hairs.
- Stem:  
*Quantity of main branches per plant.*—5-7.  
*Color of stem.*—RHS 137B but appears lighter due to hairs.  
*Length of stem.*—18.0-21.0 cm.  
*Diameter.*—0.5 cm.  
*Length of internodes.*—1.0-3.0 cm.  
*Texture.*—Bifid T-shaped hairs.  
*Color of peduncle.*—RHS 137B but appears lighter due to hairs.  
*Length of peduncle.*—8.0-8.5 cm.  
*Peduncle diameter.*—0.2 cm.  
*Texture.*—Bifid T-shaped hairs.
- Inflorescence:  
*Type.*—Compositae type, solitary, single daisy-type inflorescences with spoon-shaped ray florets, borne terminally above foliage, ray florets arranged acropetally on a capitulum.  
*Quantity of short days to flowering (response time).*—About 8 weeks.  
*Quantity of inflorescences per plant.*—27-35.  
*Lastingness of individual blooms on the plant.*—About 4 weeks.  
*Fragrance.*—Slightly spicy.
- Bud (just when opening/showing color):  
*Color.*—RHS 71A but darker.  
*Length.*—1.3-1.4 cm.  
*Width.*—1.0-1.1 cm.  
*Shape.*—Oblate.
- Immature inflorescence:  
*Diameter.*—5.5-6.0 cm.  
*Color of ray florets, upper surface.*—RHS N79C but barely visible because petals are closed over.  
*Lower surface.*—RHS 70A.

- Mature inflorescence:  
*Diameter.*—8.5-9.0 cm.  
*Depth.*—3.5 cm.  
*Total diameter of disc.*—2.0-2.2 cm.  
*Receptacle height.*—0.6-0.7 cm.  
*Receptacle diameter.*—0.8-0.9 cm.
- Ray florets:  
*Average quantity of florets.*—18-23 in 1 whorl.  
*Color of florets, upper surface.*—RHS N79C.  
*Lower surface.*—Closest to RHS 72B.  
*Length.*—2.8-4.3 cm.  
*Width.*—0.35-0.45 cm.  
*Shape.*—Spoon.  
*Apex shape.*—Praemorse.  
*Margin.*—Entire (fused).  
*Texture, upper surface.*—Papillose.  
*Lower surface.*—Papillose.
- Disc florets:  
*Average quantity of florets.*—Approximately 130.  
*Color of florets.*—RHS 155C but more green with RHS 3B apex: discs before opening appear to have a more green apex of about RHS 144B.  
*Length.*—0.5 cm.  
*Width.*—0.1 cm.  
*Shape.*—Tubular, elongated.  
*Apex shape.*—Acute, 5 pointed.
- Phyllaries:  
*Quantity.*—20-25.  
*Color, upper surface.*—RHS 137B.  
*Lower surface.*—Between RHS 137A and RHS 137B but appears lighter due to hairs.  
*Length.*—0.6-0.7 cm.  
*Width.*—0.2-0.25 cm.  
*Shape.*—Lanceolate.  
*Apex shape.*—Acute.  
*Base.*—Fused.  
*Margins.*—Entire; papery.  
*Texture, upper surface.*—Glabrous.  
*Lower surface.*—Bifid T-shaped hairs.
- Reproductive organs:  
*Pistil.*—1.  
*Found on both florets.*—Yes.  
*Length.*—0.6 cm.  
*Style color.*—RHS 1C but more green.  
*Style length.*—0.5 cm.  
*Stigma color.*—RHS 14B.  
*Stigma shape.*—Bi-parted.  
*Ovary color.*—Not observed; ovary too immature to observe any color due to maturing with pollination.  
*Stamens.*—4.  
*Found on only disc florets.*—Yes.  
*Color of filaments.*—About RHS 2D.  
*Length filaments.*—0.2-0.3 cm.  
*Anther color.*—RHS 21C.  
*Anther length.*—0.1 cm.  
*Anther shape.*—Oblong.  
*Color of pollen.*—Not observed.  
*Pollen amount.*—Not observed.  
*Fertility/seed set.*—Has not been observed on this hybrid.
- Disease/pest resistance: Disease/pest resistance has not been observed on this hybrid.  
 What is claimed is:  
 1. A new and distinct variety of *Chrysanthemum* plant named 'CIDZ0013' substantially as illustrated and described herein.

