



US00PP27354P3

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

(10) **Patent No.:** **US PP27,354 P3**
(45) **Date of Patent:** **Nov. 8, 2016**

(54) **CHRYSANTHEMUM PLANT NAMED**
‘CIDZ0062’

(50) Latin Name: *Chrysanthemum*×*morifolium*
Varietal Denomination: **CIDZ0062**

(71) Applicant: **SYNGENTA PARTICIPATIONS AG,**
Basel (CH)

(72) Inventor: **Wendy R. Bergman,** Gilroy, CA (US)

(73) Assignee: **Syngenta Participations AG,** Basel
(CH)

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

(21) Appl. No.: **14/756,190**

(22) Filed: **Aug. 14, 2015**

(65) **Prior Publication Data**
US 2016/0057912 P1 Feb. 25, 2016

Related U.S. Application Data
(60) Provisional application No. 62/039,706, filed on Aug.
20, 2014.

(51) **Int. Cl.**
A01H 5/02 (2006.01)

(52) **U.S. Cl.**
USPC **Plt./286**

(58) **Field of Classification Search**
USPC Plt./286
CPC A01H 5/0225
See application file for complete search history.

(56) **References Cited**

PUBLICATIONS

GTITM UPOVROM Plant Variety Database Citation for
‘CIDZ0062’ as per CA PBR 13-8101; Aug. 20, 2013; 1 page.*

* cited by examiner

Primary Examiner — Kent L Bell

(74) *Attorney, Agent, or Firm* — Joshua L. Price

(57) **ABSTRACT**

A new *Chrysanthemum* plant named ‘CIDZ0062’ particu-
larly distinguished by medium sized purple-red, daisy-type
inflorescences, with creamy white tips, medium sized plant
habit, dark green glossy foliage, and a flowering response of
8 weeks.

1 Drawing Sheet

1

Latin name of the genus and species of the plant claimed:
Chrysanthemum×*morifolium*.
Varietal denomination: ‘CIDZ0062’.

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 ‘CIDZ0062’.

‘CIDZ0062’ is a product of a planned breeding program.
The new cultivar has medium sized purple-red, daisy-type
inflorescences, with creamy white tips, medium sized plant
habit, dark green glossy foliage, and a flowering response of
8 weeks.

‘CIDZ0062’ originated from a hybridization made in
January 2008 in a greenhouse in Bogota, Colombia. The
female parent was the unpatented, proprietary plant desig-
nated ‘B1447’, with purple and white daisy-type inflores-
cences and with larger inflorescence and larger leaves than
‘CIDZ0062’.

The male parent of ‘CIDZ0062’ was the unpatented,
proprietary plant designated as ‘B2038’, with bronze and
yellow colored, daisy-type inflorescences, and a later flow-
ering response when compared with ‘CIDZ0062’.

The seed obtained was sown in October 2009 and the
resulting plants were grown in pots in a shade structure in
Fort Myers, Fla. ‘CIDZ0062’ was selected as a single
flowering plant within the progeny of the stated cross in
March 2010 in Fort Myers, Fla.

2

The first act of asexual reproduction of ‘CIDZ0062’ was
accomplished when vegetative cuttings were propagated
from the initial selection in June 2010 in a greenhouse in
Fort Myers, Fla.

BRIEF SUMMARY OF INVENTION

Horticultural examination of plants grown from cuttings
of the plant initiated in November 2010, and continuing
thereafter, has demonstrated that the combination of char-
acteristics as herein disclosed for ‘CIDZ0062’ are firmly
fixed and are retained through successive generations of
asexual reproduction.

‘CIDZ0062’ 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.

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
inflorescence and foliage characteristics of ‘CIDZ0062’ with
colors being as true as possible with an illustration of this
type.

The photographic drawings show in FIG. 1 a close-up of
an inflorescence of the new plant, and in FIG. 2 a flowering
plant.

DETAILED BOTANICAL DESCRIPTION

The plant descriptions and measurements were taken indoors in Nipomo, Calif. on Aug. 14, 2014 on about 11 week old plants. Unrooted cuttings had been planted, 4 plants per pot, in 6 inch pots on May 24, 2014. The plants were pinched and moved to short days on Jun. 16, 2014 to induce flowering.

The aforementioned photographs: FIGS. 1 and 2 were taken in Nipomo, Calif. in May 2013, and showing a plant from a trial, in which flowering had been induced by applying black cloth. These plants were about 10.5 weeks of age. Unrooted cuttings had been planted in a 6 inch pot in February, 2013.

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

TABLE 1

DIFFERENCES BETWEEN THE NEW VARIETY 'CIDZ0062' AND A MOST SIMILAR VARIETY		
	'CIDZ0062'	'LITTLE FIROCK', U.S. Pat. No. PP13,036
Flower color:	Deeper hue	Lighter hue
Number of flowers per stem:	Higher	Fewer
Flowering response:	Faster	Slower

Plant:

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

Plant height.—23.0-26.0 cm.

Plant height (inflorescence included).—28.0-31.0 cm.

Plant width.—23.0-28.0 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.—Closest to RHS 137A.

Lower surface.—Between RHS 138A and RHS 138B.

Mature, leaf color, upper surface.—RHS 147A.

Lower surface.—RHS 147B.

Length.—5.5-6.0 cm.

Width.—4.5-5.0 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 145D becoming indistinct.

Color of veins, lower surface.—RHS 145C.

Pattern of veining.—Palmate.

Petiole color.—RHS 145B.

Length.—2.0-2.4 cm.

Diameter.—0.2-0.4 cm.

Texture.—Bifid T-shaped hairs.

Stem:

Quantity of main branches per plant.—5.

Color of stem.—RHS 144B.

Length of stem.—About 22.0 cm.

Diameter.—0.4-0.6 cm.

Length of internodes.—0.5-3.8 cm.

Texture.—Bifid T-shaped hairs.

Color of peduncle.—RHS 146A.

Length of peduncle.—0.5-4.5 cm.

Peduncle diameter.—0.2 cm.

Texture.—Bifid T-shaped hairs.

Inflorescence:

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

Quantity of short days to flowering (response time).—8 weeks.

Natural season flowering.—Not determined on this variety.

Quantity of inflorescences per plant.—105-120.

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

Fragrance.—Slightly spicy.

Bud (just when opening/showing color):

Color.—Closest to RHS 61A.

Length.—0.6-1.0 cm.

Width.—1.2 cm.

Shape.—Oblate.

Immature inflorescence:

Diameter.—4.0-4.5 cm.

Color of ray florets, upper surface.—Closest to about RHS 60A at the base and RHS 8B at the ray apex.

Lower surface.—Closest to RHS 59C at the base and RHS 8B at the apex.

Mature inflorescence:

Diameter.—6.5-7.0 cm.

Depth.—1.5-2.0 cm.

Total diameter of disc.—1.7 cm.

Receptacle color.—RHS 145C.

Receptacle height.—0.4 cm.

Receptacle diameter.—0.6 cm.

Ray florets:

Average quantity of florets.—23-28.

Color of florets, upper surface.—Closest to RHS 61A at the base and RHS 155A at the apex.

Lower surface.—Closest to RHS 70A at the base and RHS 155A at the apex.

Length.—2.4-3.2 cm.

Width.—0.8-1.2 cm.

Shape.—Long narrow.

Apex shape.—Obtuse.

Margin.—Entire.

Texture, upper surface.—Papillose.

Lower surface.—Papillose.

Disc florets:

Average quantity of florets.—200-220.

Color of florets.—RHS 7B basally fading to more RHS 155D with a RHS 7B apex.

Length.—0.6-0.7 cm.

Width.—0.15-0.3 cm when open.

Shape.—Tubular, elongated.

Apex shape.—Acute, 5 pointed.

Phyllaries:
Quantity.—About 23.
Color, upper surface.—RHS 138D.
Lower surface.—RHS 137C.
Length.—0.6-0.9 cm.
Width.—0.15-0.2 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.—0.6 cm.
Style color.—RHS 155C.
Style length.—0.55 cm.
Stigma color.—RHS 17C.

Stigma shape.—Bi-parted.
Ovary color.—RHS 155C but more translucent.
Stamens.—4, found 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.
What is claimed is:
1. A new and distinct variety of *Chrysanthemum* plant named ‘CIDZ0062’ substantially as illustrated and described herein.

* * * * *



FIGURE 1



FIGURE 2