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Bergman

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(54) **CHRYSANTHEMUM** PLANT NAMED
‘CIDZ0120’

(50) Latin Name: *Chrysanthemum x morifolium*
Varietal Denomination: **CIDZ0120**

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

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(51) **Int. Cl.**
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A01H 6/14 (2018.01)

(52) **U.S. Cl.**
USPC **Plt./296**

(58) **Field of Classification Search**
USPC **Plt./263.1, 284, 286, 296**
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

PP34,335 P2 * 6/2022 Bergman **Plt./296**

* cited by examiner

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(57) **ABSTRACT**

A new *Chrysanthemum* plant named ‘CIDZ0120’ particu-
larly distinguished by its medium sized orange bronze
daisy-type inflorescences, strong and uniform plant habit,
and a flowering response time of seven weeks.

1 Drawing Sheet

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2

Latin name of the genus and species of the plant claimed:
Chrysanthemum x morifolium.
Varietal denomination: ‘CIDZ0120’.

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 ‘CIDZ0120’.

‘CIDZ0120’ is a product of a planned breeding program.
The new cultivar has medium sized orange bronze daisy-
type inflorescences, strong and uniform plant habit, and a
flowering response time of seven weeks.

‘CIDZ0120’ originated from a hybridization made in
August 2013 in a greenhouse in Gilroy, California. The
female parent was the unpatented, proprietary breeding line
designated as ‘B7017’, having dark pink daisy-type inflo-
rescences, a larger flower size and more vigorous plant habit
when compared to ‘CIDZ0120’.

The male parent of ‘CIDZ0120’ was the unpatented,
proprietary breeding line designated as ‘B8680’, having
orange bronze daisy-type inflorescences, compact growth
habit and slower flowering response than ‘CIDZ0120’.

The seed was sown in July 2018 and the resulting plants
were grown out of doors under shade structure in Alva,
Florida. ‘CIDZ0120’ was selected as one flowering plant
within the progeny of the stated cross in December 2018.

The first act of asexual reproduction of ‘CIDZ0120’ was
accomplished when vegetative stem cuttings were propa-
gated from the initial selection in March 2019 in Alva,
Florida.

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-
tics as herein disclosed for ‘CIDZ0120’ are firmly fixed and
are retained through successive generations of asexual
reproduction.

‘CIDZ0120’ 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 has not yet been
applied for. ‘CIDZ0120’ has not been made publicly avail-
able 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
‘CIDZ0120’ 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 ‘CIDZ0120’ with colors
being as true as possible with an illustration of this type. The
photographic drawings, taken in Gilroy, California in
November 2021, show in

FIG. 1 a close-up view of the inflorescence of the new
variety and in

FIG. 2 a whole flowering plant.

DETAILED BOTANICAL DESCRIPTION

The plant descriptions and measurements were taken
indoors in Gilroy, California in November 2022 on about 11
weeks old plants. Unrooted cuttings had been planted, 4

plants per pot, in 6 inch pots in August 2022. The plants were pinched and moved to short days in September 2022 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 'CIDZ0120' AND A MOST SIMILAR VARIETY:		
	'CIDZ0120'	'Syncin Pueblo', U.S. Plant Pat. No. 22,305
Branching:	Wider, more branches	Upright, fewer branches
Plant habit:	More compact	More vigorous
Flowering response:	Faster	Slower

TABLE 2

	'CIDZ0120'	'CIDZ0110', U.S. Pat. No. 34,335
Average foliage length:	6.1 cm	5.9 cm
Average flower diameter:	6.8 cm	9.4 cm
Average number of disc florets:	207	297
Flower color:	Darker orange bronze	Lighter orange bronze

Plant:

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

Plant height.—15.0 cm.

Plant height (inflorescence included).—19.0 cm.

Plant width.—34.0 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 138A.

Length.—5.2-7.0 cm.

Width.—3.7-5.5 cm.

Shape.—Ovate.

Base shape.—Attenuate.

Apex shape.—Mucronulate.

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

Texture, upper surface.—Puberlulent.

Lower surface.—Puberlulent.

Color of veins, upper surface.—RHS 139D.

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

Pattern of veining.—Palmate.

Petiole color.—RHS 139A.

Length.—1.8-2.2 cm.

Diameter.—0.3-0.5 cm.

Texture.—Puberlulent.

Stem:

Quantity of main branches per plant.—3-4.

Color of stem.—RHS 138B.

Length of stem.—8.5-12.5 cm.

Diameter.—0.4-0.5 cm.

Length of internodes.—1.0-2.5 cm.

Texture.—Puberlulent.

Color of peduncle.—RHS 137C.

Length of peduncle.—4.2-7.7 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.—14-20.

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

Fragrance.—Slightly spicy.

25 Bud (just when opening/showing color):

Color.—Closest to RHS 164D.

Length.—0.9 cm.

Width.—1.0 cm.

Shape.—Oblate.

30 Immature inflorescence:

Diameter.—5.7 cm.

Color of ray florets, upper surface.—Closest to RHS 167A overlain with RHS 185A.

Lower surface.—RHS 162A.

35 Mature inflorescence:

Diameter.—6.4-7.2 cm.

Depth.—2.8 cm.

Total diameter of disc.—2.0 cm.

40 Receptacle color.—RHS 145A.

Receptacle height.—0.6 cm.

Receptacle diameter.—0.7 cm.

Ray florets:

Average quantity of florets.—23.

Color of florets, upper surface.—Closest to RHS 167A overlain with RHS 179A.

Lower surface.—RHS 162B.

Length.—2.7-3.2 cm.

Width.—0.9-1.0 cm.

Shape.—Elliptical.

50 Apex shape.—Obtuse.

Margin.—Entire.

Texture, upper surface.—Papillose.

Lower surface.—Papillose.

Disc florets:

55 Average quantity of florets.—207.

Color of florets.—RHS 1D.

Length.—0.8-0.9 cm.

Width.—0.1 cm.

Shape.—Tubular, elongated.

60 Apex shape.—Acute, 5 pointed.

Phyllaries:

Quantity.—Average 25.

Color, upper surface.—RHS 139B.

Lower surface.—RHS 139B.

65 Length.—0.9-1.0 cm.

Width.—0.15-0.25 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 150D.
Style length.—0.6 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.
Color of pollen.—RHS 13A.
Pollen amount.—Moderate.
Fertility/seed set.—Has not been observed to date.
Disease/pest resistance.—Has not been observed to date.

10 What is claimed is:
 1. A new and distinct variety of *Chrysanthemum* plant named 'CIDZ0120' substantially as illustrated and described herein.

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FIG. 1



FIG. 2