



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

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(54) **CHRYSANTHEMUM PLANT NAMED**
‘CIFZ0026’

(50) Latin Name: *Chrysanthemum*×*morifolium*
Varietal Denomination: **CIFZ0026**

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patent is extended or adjusted under 35
U.S.C. 154(b) by 40 days.

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(52) **U.S. Cl.**
USPC **Plt./290**

(58) **Field of Classification Search**
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CPC A01H 5/0255; A01H 5/025; A01H 5/02
See application file for complete search history.

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(57) **ABSTRACT**

A new *Chrysanthemum* plant named ‘CIFZ0026’ particularly
distinguished by the large, orange-bronze, decorative-type
flowers, medium to large plant size with round mound habit,
and an early October natural flowering response.

1 Drawing Sheet

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

Varietal denomination: ‘CIFZ0026’.

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 ‘CIFZ0026’.

‘CIFZ0026’ is a product of a planned breeding program.
The new cultivar has large, orange-bronze, decorative-type
flowers, medium to large plant size with round mound habit,
and a natural season flowering response in early October.

‘CIFZ0026’ originated from a hybridization made in
August 2008 in a greenhouse in Tenjo, Columbia. The female
parent was the unpatented, proprietary plant designated ‘06-
M131’, with bronzy yellow, decorative-type flower that fades
more rapidly, and although the natural season response is
similar, the blackcloth response is almost a week faster when
compared to ‘CIFZ0026’.

The male parent of ‘CIFZ0026’ was the unpatented, pro-
prietary plant designated as ‘04-M277’ with smaller, purple
inflorescence with more disc florets, smaller overall plant
with more upright habit, and flowers two weeks faster in the
natural season when compared to ‘CIFZ0026’.

The resultant seed was sown in June 2009 and grown
outdoors in Alva, Fla., USA.

‘CIFZ0026’ was selected as one flowering plant within the
progeny of the stated cross on Nov. 9, 2009 in Alva, Fla.

The first act of asexual reproduction of ‘CIFZ0026’ was
accomplished when vegetative cuttings were propagated
from the initial selection in January 2010 in a greenhouse in
Alva, Fla.

BRIEF SUMMARY OF INVENTION

Horticultural examination of plants grown from cuttings of
the plant initiated in January 2010, and continuing thereafter,
has demonstrated that the combination of characteristics as

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herein disclosed for ‘CIFZ0026’ are firmly fixed and are
retained through successive generations of asexual reproduc-
tion.

‘CIFZ0026’ 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.

A Plant Breeder’s Right for this cultivar was applied for in
Canada on Mar. 8, 2013, No. 13-7960. ‘CIFZ0026’ 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 drawings show typical
flower and foliage characteristics of ‘CIFZ0026’ with colors
being as true as possible with an illustration of this type.

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

DETAILED BOTANICAL DESCRIPTION

The plant descriptions, measurements, and aforemen-
tioned photographs were taken in Gilroy, Calif. in late August
2013 outdoors in natural light. These plants had been grown
one (1) plant in a 6 inch pot in a greenhouse trial in Gilroy,
Calif. Blackout by black cloth was applied to control day
length and to induce early flowering. The plants used were
about 10-11 weeks old and were not pinched.

The aforementioned photographs were taken in Gilroy,
Calif. in August of 2013 outdoors. These plants were approxi-
mately 10-11 weeks of age and were not pinched.

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

TABLE 1

DIFFERENCES BETWEEN THE NEW VARIETY ‘CIFZ0026’ AND TWO MOST SIMILAR VARIETIES		
	‘CIFZ0026’	‘Yoashley’ (U.S. Plant Pat. No. 18,916)
Inflorescence:	Larger, with more disc florets	Smaller, with fewer disc florets
Inflorescence, color:	Lighter hue of orange	Deeper/darker orange
Plant habit, overall size:	Larger, mainly wider	Smaller, narrower
	‘CIFZ0026’	‘Spicy Yocheryl’ (U.S. Plant Pat. No. 13,221)
Flower color:	Brighter shade of orange, and uniform	Two-tone color
Flower shape:	Similar size, but with more disc florets	Less disc florets
Plant habit:	Somewhat rounder Somewhat wider	Slightly more upright Slightly narrower

Plant:

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

Plant height.—18-20 cm.

Plant height (inflorescence included).—20-26 cm.

Plant width.—37-40 cm.

Roots:

Number of days to initiate roots.—About 4 days at about 22 degrees C.

Number of days to produce a rooted cutting.—4-6 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, but appears lighter due to the surface being densely covered by pubescence.

Immature leaf, color lower surface.—RHS 137C.

Mature leaf, color upper surface.—RHS 137A.

Mature leaf, color lower surface.—RHS 137C.

Length.—5.3-5.8 cm.

Width.—2.7-3.4 cm.

Shape.—Ovate, relatively long.

Base shape.—Attenuate.

Apex shape.—Apiculate.

Margin.—3 distinct lobes, irregular serrulate.

Texture, upper surface.—Slight pubescence, bifid hair.

Texture, lower surface.—Heavily covered by bifid hair.

Color of veins, upper surface.—RHS 144B.

Color of veins, lower surface.—RHS 144C.

Pattern of veining.—Palmate.

Petiole color.—RHS 144B.

Length.—0.8-1.3 cm.

Diameter.—0.25-0.30 cm.

Texture.—Bifid hair.

Stem:

Quantity of main branches per plant.—8-10.

Color of stem.—RHS 137C.

Length of stem.—12-15 cm.

Diameter.—0.4 cm.

Length of internodes.—0.5-1.0 cm.

Texture.—Heavily hairy, bifid hairs.

Color of peduncle.—RHS 137C.

Length of peduncle.—5.5-7.5 cm.

Peduncle diameter.—0.2 cm.

Texture.—Bifid hairs.

Inflorescence:

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

Quantity of short days to flowering (response time).—Approximately 7 weeks.

Natural season flowering.—Early October.

Quantity of inflorescences per plant.—About 50, plus many additional buds.

Lastingness of individual blooms on the plant.—About 6 weeks from first color.

Fragrance.—Slightly spicy.

Bud (just when opening/showing color):

Color.—RHS 4B.

Length.—0.6-0.8 cm.

Width.—1.3-1.5 cm.

Shape.—Oblate.

Immature inflorescence:

Diameter.—4-5 cm.

Color of ray florets, upper surface.—RHS 4B, apex RHS 172C (slight).

Color of ray florets, lower surface.—Mainly RHS 4B with shades of 34B.

Mature inflorescence:

Diameter.—6.1-6.5 cm.

Depth.—1.5 cm.

Total diameter of disc.—0.3-0.4 cm.

Receptacle color.—RHS 138B.

Receptacle height.—0.2 cm.

Receptacle diameter.—0.3-0.4 cm.

Ray florets:

Average quantity of florets.—160-180 in many whorls.

Color of florets, upper surface, general tonality.—Several shades of orange and greyed-orange, with the outer whorls of florets displaying lighter shades than the inner ones.

Outmost rays.—RHS 9C overlaid with shades of RHS 26C.

Rays of the inner whorls.—RHS N172C to shades of RHS 26A of N163D.

Color of florets, lower surface.—RHS 12B with slight shades of RHS 22A.

Length.—2.6-2.9 cm.

Width.—0.4-0.5 cm.

Shape.—Oblong.

Apex shape.—Praemorse.

Base shape.—Cuneate.

Margin.—Entire.

Texture, upper surface.—Papillate.

Texture, lower surface.—Papillate.

Disc florets:

Average quantity of florets.—About 16 to 25.

Color of florets.—RHS 1C with 13A apex.

Length.—0.25 cm.

Width.—0.1 cm.

Shape.—Tubular, elongated.

Apex shape.—Acute, 5 pointed.

Phyllaries:

Quantity.—23-25.

Color, upper surface.—RHS 137D.

Color, lower surface.—RHS 137A to 137B.
Length.—0.6-0.8 cm.
Width.—0.1-0.15 cm.
Shape.—Linear to lanceolate.
Apex shape.—Acute.
Base.—Fused.
Margins.—Entire.
Texture, upper surface.—Glabrous.
Texture, lower surface.—Bifid hair.
Reproductive organs:
Pistil.—1, developed in both ray and disk florets.
Length.—0.3-0.4 cm.
Style color.—RHS 1C.
Style length.—0.2-0.3 cm.
Stigma color.—RHS 1B.
Stigma shape.—Bi-lobed.
Ovary color.—RHS 145C.

Ovary length.—0.15 cm.
Ovary width.—0.1 cm.
Stamens.—4, found only on the disc florets.
Color of filaments.—RHS 1C.
5 *Length filaments.*—0.2 cm.
Anther color.—RHS 16A.
Anther length.—0.1 cm.
Anther shape.—Oblong.
Color of pollen.—RHS 17B.
10 *Pollen amount.*—Sparse.
Fertility/seed set.—Has not been determined to date.
Disease/pest resistance: Has not been determined to date.
What is claimed is:
1. A new and distinct variety of *Chrysanthemum* plant
15 named ‘CIFZ0026’ substantially as illustrated and described
herein.

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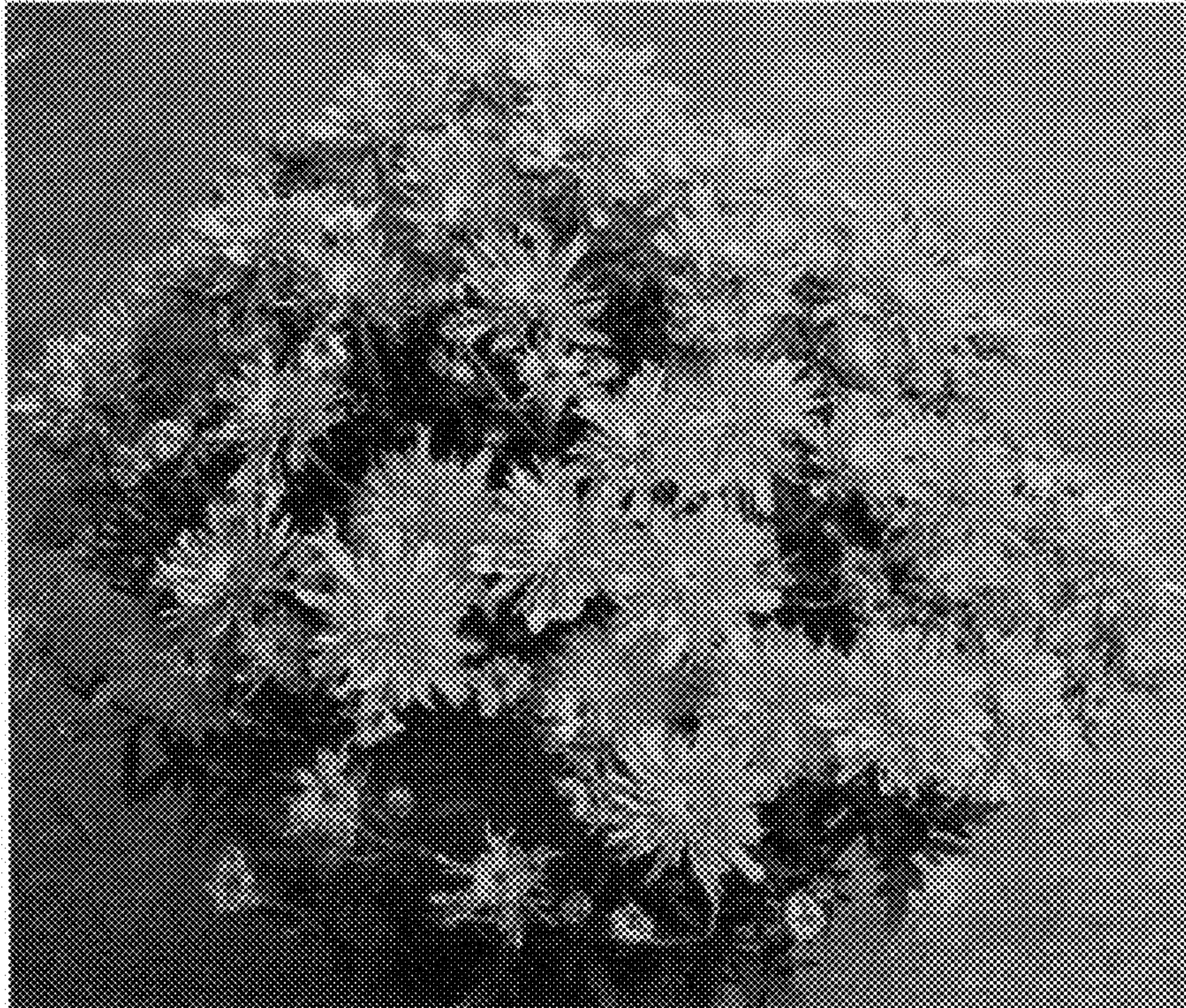


FIGURE 1



FIGURE 2