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Masor

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(54) **CALIBRACHOA PLANT NAMED**
‘BALCHADOTIN’

(50) Latin Name: *Calibrachoa x hybrida*
Varietal Denomination: **Balchadotin**

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patent is extended or adjusted under 35
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A01H 5/02 (2018.01)
A01H 6/82 (2018.01)

(52) **U.S. Cl.**
USPC **Plt./413**

(58) **Field of Classification Search**
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CPC ... A01H 5/02; A01H 5/00; A01H 5/12; A01H
6/82; A01H 6/821; A01H 6/14
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

PP31,927 P2 * 6/2020 Winslow A01H 6/821
Plt./413

* cited by examiner

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(57) **ABSTRACT**

A new and distinct cultivar of *Calibrachoa* plant named
‘Balchadotin’, characterized by its medium cream and yel-
low colored flowers having a mottled red-purple colored
overlay that becomes less pronounced with age, medium
green-colored foliage, and vigorous, mounded-trailing
growth habit, is disclosed.

1 Drawing Sheet

1

Latin name of genus and species of plant claimed: *Cali-
brachoa x hybrida*.

Variety denomination: ‘Balchadotin’.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar
of *Calibrachoa* plant botanically known as *Calibrachoa x*
hybrida and hereinafter referred to by the cultivar name
‘Balchadotin’.

The new cultivar originated in a controlled breeding
program in Arroyo Grande, Calif. during October 2017. The
objective of the breeding program was the development of
Calibrachoa cultivars with attractive novelty flower color-
ation, and a vigorous, mounded-trailing growth habit.

The new *Calibrachoa* cultivar is the result of cross-
pollination. The female (seed) parent of the proprietary
Calibrachoa x hybrida breeding selection coded CAL-
15185-02, not patented, characterized by its medium white
and yellow colored flowers, medium green-colored foliage,
and vigorous, mounded growth habit. The male (pollen)
parent of the new cultivar is the proprietary *Calibrachoa x*
hybrida breeding selection coded CAL-15185-01, not pat-
ented, characterized by its medium yellow-colored flowers
having a mottled cherry red and pink overlay that becomes
less pronounced with age, medium green-colored foliage,
and vigorous, mounded growth habit. The new cultivar was
selected as a single flowering plant within the progeny of the
above stated cross-pollination during February 2018 in a
controlled environment in Arroyo Grande, Calif.

Asexual reproduction of the new cultivar by terminal stem
cuttings since February 2018 in Arroyo Grande, Calif. and

2

West Chicago, Ill. has demonstrated that the new cultivar
reproduces true to type with all of the characteristics, as
herein described, firmly fixed and retained through succes-
sive generations of such asexual propagation.

SUMMARY OF THE INVENTION

The following characteristics of the new cultivar have
been repeatedly observed and can be used to distinguish
‘Balchadotin’ as a new and distinct cultivar of *Calibrachoa*
plant:

1. Medium cream and yellow colored flowers having a
mottled red-purple colored overlay that becomes less
pronounced with age; and
2. Medium green-colored foliage; and
3. Vigorous, mounded-trailing growth habit.

Plants of the new cultivar differ from plants of the female
and male parents primarily in having a flower color that is
cream, yellow, and red-purple colored.

Of the many commercially available *Calibrachoa* culti-
vars, the most similar in comparison to the new cultivar is
CABARET Diva Orange ‘Balcabivor’, U.S. Plant Pat. No.
31,927. However, in side-by-side comparisons, plants of the
new cultivar differ from plants of ‘Balcabivor’ in at least the
following characteristics:

1. Plants of the new cultivar have a flower color that is
more red-purple than plants of ‘Balcabivor’; and
2. Plants of the new cultivar have greater growth vigor
than plants of ‘Balcabivor’.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

The accompanying photographs show, as nearly true as it
is reasonably possible to make the same in color illustrations

of this type, typical flower and foliage characteristics of the new cultivar. Colors in the photographs may differ slightly from the color values cited in the detailed description, which accurately describes the colors of 'Balchadotin'. The approximately 3-month-old plants were grown in 4.5-inch pots for 7 weeks in a greenhouse in West Chicago, Ill. Plants were given one pinch two weeks before transplant.

FIG. 1 illustrates a side view of the overall growth and flowering habit of 'Balchadotin'.

FIG. 2 illustrates a close-up view of an individual flower of 'Balchadotin'.

DETAILED BOTANICAL DESCRIPTION

The new cultivar has not been observed under all possible environmental conditions to date. Accordingly, it is possible that the phenotype may vary somewhat with variations in the environment, such as temperature, light intensity, and day length, without, however, any variance in genotype.

The chart used in the identification of colors described herein is The R.H.S. Colour Chart of The Royal Horticultural Society, London, England, 2015 edition, except where general color terms of ordinary significance are used. The color values were determined in December 2019 under natural light conditions in West Chicago, Ill.

The following descriptions and measurements describe approximately 3-month-old plants produced from cuttings from stock plants and grown in a glass-covered greenhouse under conditions comparable to those used in commercial practice. The plants were grown in West Chicago, Ill. in 4.5-inch pots for 7 weeks utilizing a soilless growth medium. Plants were given one pinch two weeks before transplant. Greenhouse temperatures were maintained at approximately 67° F. to 72° F. (19° C. to 22° C.) during the day and approximately 64° F. to 66° F. (18° C. to 19° C.) during the night. Supplemental lighting was used. Measurements and numerical values represent averages of typical plants.

Botanical classification: *Calibrachoa* x *hybrida* 'Balchadotin'.

Parentage:

Female parent.—Proprietary *Calibrachoa* x *hybrida* breeding selection coded CAL-15185-02, not patented.

Male parent.—Proprietary *Calibrachoa* x *hybrida* breeding selection coded CAL-15185-01, not patented.

Propagation:

Type cutting.—Terminal stem.

Time to initiate roots.—Approximately 6 to 8 days.

Time to produce a rooted cutting.—Approximately 21 to 28 days.

Root description.—Fibrous.

Rooting habit.—Freely branching.

Plant description:

Commercial crop time.—Approximately 6 to 9 weeks from a rooted cutting to finish in a 10 cm pot.

Growth habit and general appearance.—Vigorous, mounded-trailing.

Size.—Height from soil level to top of plant plane: Approximately 18.0 cm. Width: Approximately 40.0 cm.

Branching habit.—Freely branching, pinching enhances basal branching. Quantity of main branches per plant: Approximately 8.

Branch.—Strength: Moderate. Length: Approximately 19.0 cm. Diameter: Approximately 3.0 mm. Length of central internode: Approximately 2.0 cm. Texture: Densely pubescent. Color of young stems: 146D. Color of mature stems: 146C.

Foliage description:

General description.—Fragrance: None detected. Form: Simple. Arrangement on flowering stem: Opposite.

Leaves.—Aspect: At acute angle to stem with tip turning downward. Shape: Elliptic. Margin: Entire. Apex: Broadly acute. Base: Attenuate. Venation pattern: Pinnate. Length of mature leaf: Approximately 2.8 cm. Width of mature leaf: Approximately 1.1 cm. Texture of upper and lower surfaces: Moderately glandular pubescent. Gland color: Colorless, transparent. Color of upper surface of young and mature foliage: Darker than but closest to 137A with midvein of 146C. Color of lower surface of young and mature foliage: Closest to 138B with midvein of 146D.

Petiole.—Length: Approximately 3.0 mm. Diameter: Approximately 1.0 mm. Texture: Moderately glandular pubescent. Gland color: Colorless, transparent. Color: 146D.

Flowering description:

Flowering habit.—'Balchadotin' is freely flowering under outdoor growing conditions with substantially continuous blooming from spring through autumn and year-round in greenhouse environment.

Lastingness of individual flower on the plant.—Approximately 5 to 7 days.

Flower description:

General description.—Type: Single, salverform. Quantity per plant: Approximately 60. Fragrance: None detected.

Bud.—Rate of opening: Generally takes 3 to 4 days for bud to progress from first color to fully open flower. Quantity per plant: Approximately 45.

Bud just before opening.—Shape: Oblong. Length: Approximately 2.0 cm. Diameter: Approximately 5.0 mm. Texture: Densely glandular pubescent. Gland color: Colorless, transparent. Color: Petal portion 154B with 76C, tube portion 154C, venation of N92A and N144A.

Corolla.—Diameter: Approximately 3.1 cm.

Petals.—Quantity: 5, fused to form a tube. Shape: Obovate. Margin: Entire. Apex: Obtuse. Length from tube: Approximately 1.2 cm. Length of free portion: Approximately 7.0 mm. Width: Approximately 1.5 cm. Texture of upper surface: Glabrous. Texture of lower surface: Glandular pubescent, dense along venation. Gland color: Colorless, transparent. Color of upper surface when first open: 8D with a heavy overlay and mottling of N74A to N74B, base of 7B most prominent on lower petals, midveins of N77A. Color of lower surface when first and fully open: 8D with 1C and an underlay of N74C, midveins of N74A and N144A. Color of upper surface when fully open: 155B with a heavy overlay and mottling of N74A to N74C, base of 7C most prominent on lower petals, midveins of N77A, overlay fades to N74B to N74C with age.

Corolla tube.—Length: Approximately 1.7 cm. Diameter at distal end: Approximately 5.0 mm. Diameter

at proximal end: Approximately 1.0 mm. Texture of inner surface: Glabrous. Texture of outer surface: Densely glandular pubescent. Gland color: Colorless, transparent. Color of inner surface: 15A with N77A at throat opening, venation of N77A. Color of outer surface: 154C with venation of N77A.

Sepals.—Quantity per flower: 5, fused at base. Shape: Lanceolate. Apex: Acute. Length: Approximately 1.3 cm. Width: Approximately 3.0 mm. Texture of upper and lower surfaces: Densely glandular pubescent. Gland color: Colorless, transparent. Color of upper surface: 137B. Color of lower surface: 138A with base of 144B.

Peduncle.—Strength: Strong, flexible. Aspect: Acute angle to stem. Length: Approximately 2.2 cm. Diameter: Approximately 1.0 mm. Texture: Densely glandular pubescent. Gland color: Colorless, transparent. Color: 144A.

Reproductive organs.—Androecium: Stamen quantity: 5, basifixed. Stamen length: Approximately 1.0 cm.

Filament length of fixed portion: Approximately 4.0 mm. Filament color: 150D. Anther shape: Bilobed, ovoid. Anther length: Approximately 1.0 mm. Anther color: 8A. Pollen amount: Abundant. Pollen color: 8C. Gynoecium: Pistil quantity: 1 per flower. Pistil length: Approximately 1.0 cm. Stigma shape: Funnel. Stigma length: Less than 1.0 mm. Stigma color: 145A. Style length: Approximately 9.0 mm. Style color: 145B. Ovary diameter: Approximately 1.0 mm. Ovary color: 144A.

Seed and fruit production: Neither seed nor fruit production has been observed.

Disease and pest resistance: Resistance to pathogens and pests common to *Calibrachoa* has not been observed.

What is claimed is:

1. A new and distinct cultivar of *Calibrachoa* plant named 'Balchadotin', substantially as herein illustrated and described.

* * * * *



FIG. 1

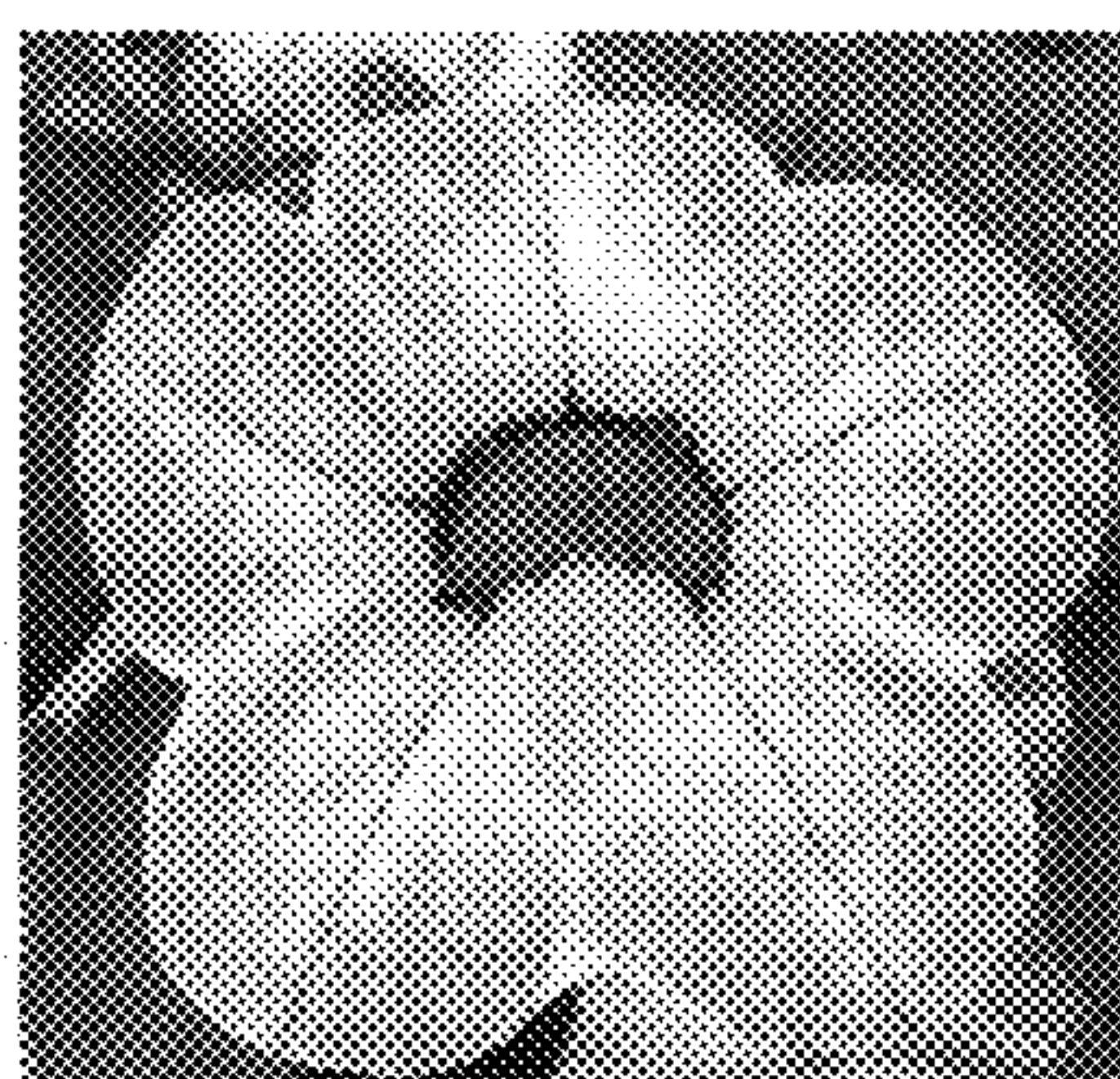


FIG. 2