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(54) **CALIBRACHOA PLANT NAMED**
'BALCABINSTIM'

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

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

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

(58) **Field of Classification Search**
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(57) **ABSTRACT**

A new and distinct cultivar of *Calibrachoa* plant named
'Balcabinstim', characterized by its deep reddish-purple
colored flowers having a white coloration forming a central
star pattern, medium green-colored foliage, and moderately
vigorous, mounded-trailing growth habit, is disclosed.

1 Drawing Sheet

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

Variety denomination: 'Balcabinstim'.

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
'Balcabinstim'.

The new cultivar originated in a controlled breeding
program in Guadalupe, Calif. during September 2018. The
objective of the breeding program was the development of
Calibrachoa cultivars with attractive novelty flower color-
ation, and a moderately vigorous, mounded-trailing growth
habit.

The new *Calibrachoa* cultivar is the result of cross-
pollination. The female (seed) parent of the new cultivar is
the proprietary *Calibrachoa x hybrida* breeding selection
coded CAL-15903-02, not patented, characterized by its
dark fuchsia-colored flowers having a white coloration
forming a central star pattern, medium bright-green colored
foliage, and vigorous, mounded-trailing growth habit. The
male (pollen) parent of the new cultivar is the proprietary
Calibrachoa x hybrida breeding selection coded CAL-
16003-01, not patented, characterized by its medium pink-
colored flowers having a white coloration forming a central
star pattern, medium green-colored foliage, and moderately
vigorous, mounded-trailing growth habit. The new cultivar
was selected as a single flowering plant within the progeny
of the above stated cross-pollination during March 2019 in
a controlled environment in Arroyo Grande, Calif.

Asexual reproduction of the new cultivar by terminal stem
cuttings since March 2019 in Arroyo Grande, Calif. and
West Chicago, Ill. has demonstrated that the new cultivar
reproduces true-to-type with all of the characteristics, as

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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
'Balcabinstim' as a new and distinct cultivar of *Calibrachoa*
plant:

1. Deep reddish-purple colored flowers having a white
coloration forming a central star pattern;
2. Medium green-colored foliage; and
3. Moderately vigorous, mounded-trailing growth habit.

Plants of the new cultivar differ from plants of the female
parent primarily in having lighter reddish-purple colored
flowers with a more pronounced star pattern and reduced
growth vigor. Plants of the new cultivar differ from plants of
the male parent primarily in having darker reddish-purple
colored flowers.

Of the many commercially available *Calibrachoa* culti-
vars, the most similar in comparison to the new cultivar is
CABARET Pink Star 'Balcabinsta', U.S. Plant Pat. No.
28,462. However, in side-by-side comparisons, plants of the
new cultivar differ from plants of 'Balcabinsta' in at least the
following characteristics:

1. Plants of the new cultivar have darker reddish-purple
colored flowers than plants of 'Balcabinsta';
2. Plants of the new cultivar have flowers with a whiter
central star pattern than plants of 'Balcabinsta'; and
3. Plants of the new cultivar have smaller diameter
corollas than plants of 'Balcabinsta'.

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 'Balcabinstim'. The plants were approximately 5-months old. The plants were grown in 3-gallon containers for approximately 10 weeks in an outdoor nursery in West Chicago, Ill. Plants were pinched twice prior to transplant.

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

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

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 August 2021 under natural light conditions in Naperville, Ill.

The following descriptions and measurements describe approximately 5-month-old plants produced from cuttings from stock plants and grown under conditions comparable to those used in commercial practice. The plants were grown in 3-gallon containers for approximately 10 weeks in an outdoor nursery in West Chicago, Ill. Plants were given two pinches prior to transplant. Prior to transplant plants were grown in a polycarbonate greenhouse in West Chicago, Ill. Greenhouse temperatures were maintained at approximately 70° F. to 85° F. (21° C. to 29° C.) during the day and approximately 60° F. to 70° F. (16° C. to 21° C.) during the night. Supplemental lighting was used during propagation stage. Measurements and numerical values represent averages of typical plants.

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

Parentage:

Female parent.—Proprietary *Calibrachoa x hybrida* breeding selection coded CAL-15903-02, not patented.

Male parent.—Proprietary *Calibrachoa x hybrida* breeding selection coded CAL-16003-01, 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.—Moderately vigorous, mounded-trailing.

Size.—Height from soil level to top of plant plane: Approximately 19.5 cm. Width: Approximately 64.0 cm.

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

Branch.—Strength: Moderate. Length: Approximately 33.0 cm. Diameter: Approximately 2.0 mm to 3.0 mm. Length of central internode: Approximately 2.2 cm. Texture: Densely pubescent with a mixture of non-glandular and glandular hairs. Gland color: Colorless, transparent. Color of young stems: 146C. Color of mature stems: 146D with age becoming woody 199C.

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 3.1 cm. Width of mature leaf: Approximately 9.0 mm. Texture of upper and lower surfaces: Densely glandular pubescent. Gland color: Colorless, transparent. Color of upper surface of young and mature foliage: 137B with midvein of 146C. Color of lower surface of young and mature foliage: Closest to 138B with midvein of 146D.

Petiole.—Length: Approximately 4.0 mm. Diameter: Approximately 2.0 mm. Texture: Densely glandular pubescent. Gland color: Colorless, transparent. Color: 146D.

Flowering description:

Flowering habit.—'Balcabinstim' 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 110. 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 closest to 76C, tube portion 154C, venation of 144A.

Corolla.—Diameter: Approximately 3.0 cm.

Petals.—Quantity: 5, fused to form a tube. Shape: Obovate. Margin: Entire. Apex: Obtuse. Length from tube: Approximately 1.1 cm. Length of free portion: Approximately 5.0 mm. Width: Approximately 1.4 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: NN78A, fused portion of petal margins typically NN155D having the overall appearance of a star pattern. Color of lower surface when first open: Closest to 76C with an underlay of NN78D, midveins of 145A tinted with N77A. Color of upper surface when fully open: NN78B to NN78C, fused portion of petal margins typically NN155D having the overall appearance of

a star pattern. Color of lower surface when fully open: Closest to 76C tinted with 75A, midveins of 145A tinted with N77A.

Corolla tube.—Length: Approximately 1.8 cm. Diameter at distal end: Approximately 6.0 mm. Diameter at proximal end: Approximately 1.0 mm. Texture of inner surface: Glabrous. Texture of outer surface: 5
Densely glandular pubescent. Gland color: Colorless, transparent. Color of inner surface: 7A with venation of N92A. Color of outer surface: 154C with 10
venation of 145A.

Sepals.—Quantity per flower: 5, fused along lower half. Shape: Lanceolate. Apex: Acute. Length: Approximately 1.4 cm. Width: Approximately 3.0 mm. Texture of upper and lower surfaces: Densely 15
glandular pubescent. Gland color: Colorless, transparent. Color of upper surface: 137A. Color of lower surface: 137B with base of 146D.

Peduncle.—Strength: Strong, flexible. Aspect: Acute angle to stem. Length: Approximately 1.3 cm to 2.5 20
cm. Diameter: Approximately 1.0 mm. Texture: Densely glandular pubescent. Gland color: Colorless, transparent. Color: 146D.

Reproductive organs.—Androecium: Stamen quantity: 5, basifixed. Stamen length: Approximately 1.1 cm. Filament length of fixed portion: Approximately 5.0 mm. Filament color: 150D. Anther shape: Bilobed, ovoid. Anther length: Approximately 1.0 mm. Anther color: 8C. Pollen amount: Abundant. Pollen color: 8D. 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 8.0 mm. Style color: 145D. Ovary diameter: Approximately 1.5 mm. Ovary color: 145B.

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 'Balcabinstim', substantially as herein illustrated and described.

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FIG. 1

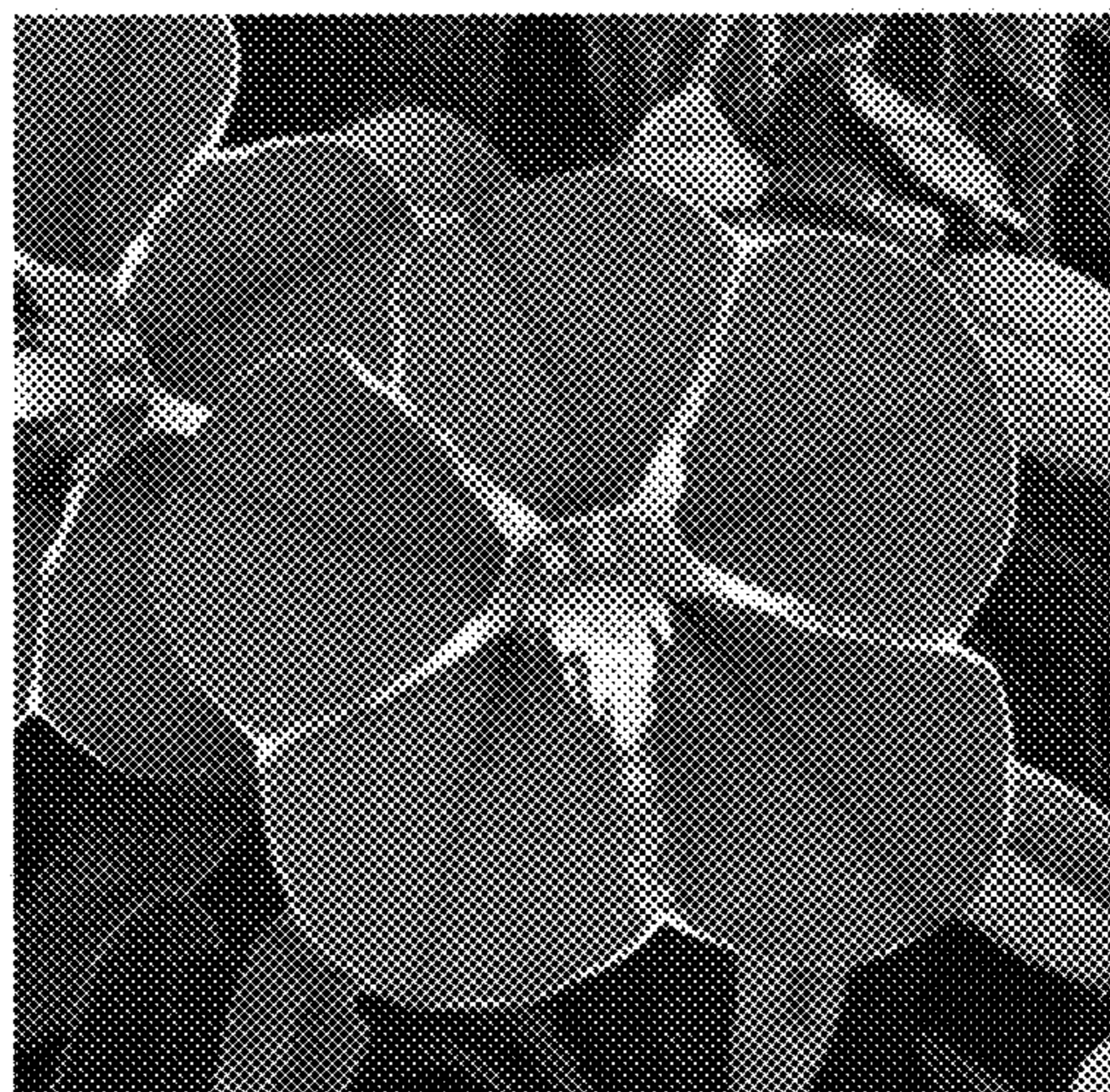


FIG. 2