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(54) **CALIBRACHOA PLANT NAMED ‘PAS1020344’**

(50) Latin Name: *Calibrachoa*×*hybrida*
Varietal Denomination: **PAS1020344**

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patent is extended or adjusted under 35
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(51) **Int. Cl.**

A01H 5/00 (2006.01)

(52) **U.S. Cl.**

USPC **Plt./413**

(58) **Field of Classification Search**

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See application file for complete search history.

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(57) **ABSTRACT**

A new and distinct cultivar of *Calibrachoa* plant named
‘PAS1020344’, characterized by its dark violet-colored flow-
ers having deep violet-colored venation, medium green-col-
ored foliage, 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*×*hybrida*.

Variety denomination: ‘PAS1020344’.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar
of *Calibrachoa* plant botanically known as *Calibrachoa*×
hybrida and hereinafter referred to by the cultivar name
‘PAS1020344’.

The new cultivar originated in a controlled breeding pro-
gram in Elburn, Ill. during May 2011. The objective of the
breeding program was the development of *Calibrachoa* cul-
tivars with unique flower coloration and mounded-trailing
growth habit.

The new *Calibrachoa* cultivar is the result of cross-pollin-
ation. The female (seed) parent of the new cultivar is the
proprietary *Calibrachoa hybrida* breeding selection coded
N1112R, not patented, characterized by its dark violet-blue
colored flowers, medium green-colored foliage, and moder-
ately vigorous, spreading habit. The male (pollen) parent of
the new cultivar is the proprietary *Calibrachoa*×*hybrida*
breeding selection coded N8551R, not patented, character-
ized by its medium violet-colored flowers, medium green-
colored foliage, and moderately vigorous, compact-mounded
growth habit. The new cultivar was discovered and selected as
a single flowering plant within the progeny of the above stated
cross-pollination during August 2011 in a controlled environ-
ment in Elburn, Ill.

Both parents have a degree of homozygosity such that the
progeny of the cross N1112R times N8551R are phenotypi-
cally uniform and essentially identical to ‘PAS1020344’.
Accordingly, phenotypically identical ‘PAS1020344’ can be
produced by sexual reproduction as well as asexual reproduc-
tion.

Asexual reproduction of the new cultivar by terminal stem
cuttings since August 2011 in West Chicago, Ill. has demon-
strated that the new cultivar reproduces true to type with all of

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the characteristics, as herein described, firmly fixed and
retained through successive 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
‘PAS1020344’ as a new and distinct cultivar of *Calibrachoa*
plant:

1. Dark violet-colored flowers having deep violet-colored
venation;
2. Medium green-colored foliage;
3. Moderately vigorous, mounded-trailing growth habit.

Plants of the new cultivar differ from plants of the female
and male parents primarily in flower color shade and growth
habit.

Of the many commercially available *Calibrachoa* culti-
vars, the most similar in comparison to the new cultivar is
CABARET Deep Blue ‘Balcabdebu’, U.S. Plant Pat. No.
22,039. However, in side by side comparisons, plants of the
new cultivar differ from plants of ‘Balcabdebu’ in at least the
following characteristics:

1. Plants of the new cultivar have fewer flowers per plant
than plants of ‘Balcabdebu’;
2. Plants of the new cultivar have larger leaves, as measured
by length and width, than plants of ‘Balcabdebu’; and
3. Plants of the new cultivar have fewer main branches than
plants of ‘Balcabdebu’.

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 differ slightly from the
color values cited in the detailed description, which accu-
rately describes the colors of ‘PAS1020344’. The plants were

grown in 4.5-inch pots for 5 weeks in a greenhouse in West Chicago, Ill. Plants were given one pinch one week before transplant.

FIG. 1 illustrates a side view of the overall growth and flowering habit of 'PAS1020344'.

FIG. 2 illustrates a close-up view of an individual flower of 'PAS1020344'.

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, 2007 edition, except where general color terms of ordinary significance are used. The color values were determined in June 2014 under natural light conditions in West Chicago, Ill.

The following descriptions and measurements describe 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 5 weeks utilizing a soilless growth medium. Plants were given one pinch one week before transplant. Greenhouse temperatures were maintained at approximately 66° F. to 70° F. (19° C. to 21° C.) during the day and approximately 58° F. to 62° F. (14° C. to 17° C.) during the night. Greenhouse light levels of 2,500 footcandles to 6,000 footcandles were maintained during the day. Measurements and numerical values represent averages of typical plants.

Botanical classification: *Calibrachoa*×*hybrida* cultivar 'PAS1020344'.

Parentage:

Female parent.—Proprietary *Calibrachoa*×*hybrida* breeding selection coded N1112R, not patented.

Male parent.—Proprietary *Calibrachoa*×*hybrida* breeding selection coded N8551R, not patented.

Propagation:

Type cutting.—Terminal stem.

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

Time to produce a rooted cutting.—Approximately 24 to 28 days.

Root description.—Fibrous.

Rooting habit.—Freely branching.

Plant description:

Commercial crop time.—Approximately 4 to 6 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 9.0 cm. Width: Approximately 25.5 cm.

Branching habit.—Freely branching, pinching enhances basal branching. Quantity of main branches per plant: Approximately 3.

Branch.—Strength: Strong, flexible. Length: Approximately 15.0 cm. Diameter: Approximately 2.0 mm. Length of central internode: Approximately 1.6 cm. Texture: Densely glandular pubescent. Gland color: Colorless, transparent. Color of young and mature stems: 144A.

Foliage description:

General description.—Quantity of leaves per main branch: Approximately 14. Fragrance: Slight. 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 3.7 cm. Width of mature leaf: Approximately 1.4 cm. Texture of upper and lower surfaces: Moderately glandular pubescent. Gland color: Colorless, transparent. Color of upper surface of young and mature foliage: 137A with midvein of 144D. Color of lower surface of young and mature foliage: Closest to 138B with midvein of 138C.

Petiole.—Length: Approximately 5.0 mm. Diameter: Approximately 2.0 mm. Texture: Moderately glandular pubescent. Gland color: Colorless, transparent. Color: 144D.

Flowering description:

Flowering habit.—'PAS1020344' 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 18. 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 11.

Bud just before opening.—Shape: Oblong. Length: Approximately 1.9 cm. Diameter: Approximately 5.0 mm. Texture: Densely glandular pubescent. Gland color: Colorless, transparent. Color: Petal portion darker than 83A and tube portion 151C, venation of N77A.

Corolla.—Diameter: Approximately 3.5 cm.

Petals.—Quantity: 5, fused to form a tube. Shape: Obovate. Margin: Entire. Apex: Obtuse. Length from tube: Approximately 1.6 cm. Length of free portion: Approximately 6.0 mm. Width: Approximately 1.6 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: Darker than N87A with venation of 86A and midveins of N186A. Color of lower surface when first open: 83C with venation of 83A and midveins of N77A. Color of upper surface when fully open: Darker than N87A, fading with age to N87A; venation of 86A and midveins of N186A. Color of lower surface when fully open: 83C, fading with age to 83D; venation of 83A and midveins of N77A.

Corolla tube.—Length: Approximately 1.7 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: Densely glandular pubescent. Gland color: Colorless, transparent. Color of inner surface: N79A at tube opening transitioning to 13C with venation of N79A. Color of outer surface: 151D with venation of N77A.

Sepals.—Quantity per flower: 5, fused along lower half. Shape: Lanceolate. Apex: Acute. Length: Approximately 1.5 cm. Width: Approximately 3.0 mm. Texture of upper and lower surfaces: Densely glandular pubescent. Gland color: Colorless, transparent. Color of upper surface: 137A. Color of lower surface: 137B with base of 144B.

Peduncle.—Strength: Strong, flexible. Aspect: Acute angle to stem. Length: Approximately 1.8 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 9.0 mm. Filament length of fixed portion: Approximately 4.0 mm. Filament color: 154C with spots of N77A on unfixed portion. 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: 144A. Style length: Approximately 8.0 mm. Style color: N144D. Ovary length: Approximately 2.0 mm. Ovary color: N144C with speckles of 187A near the style.

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 'PAS1020344', substantially as herein shown and described.

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FIG. 1

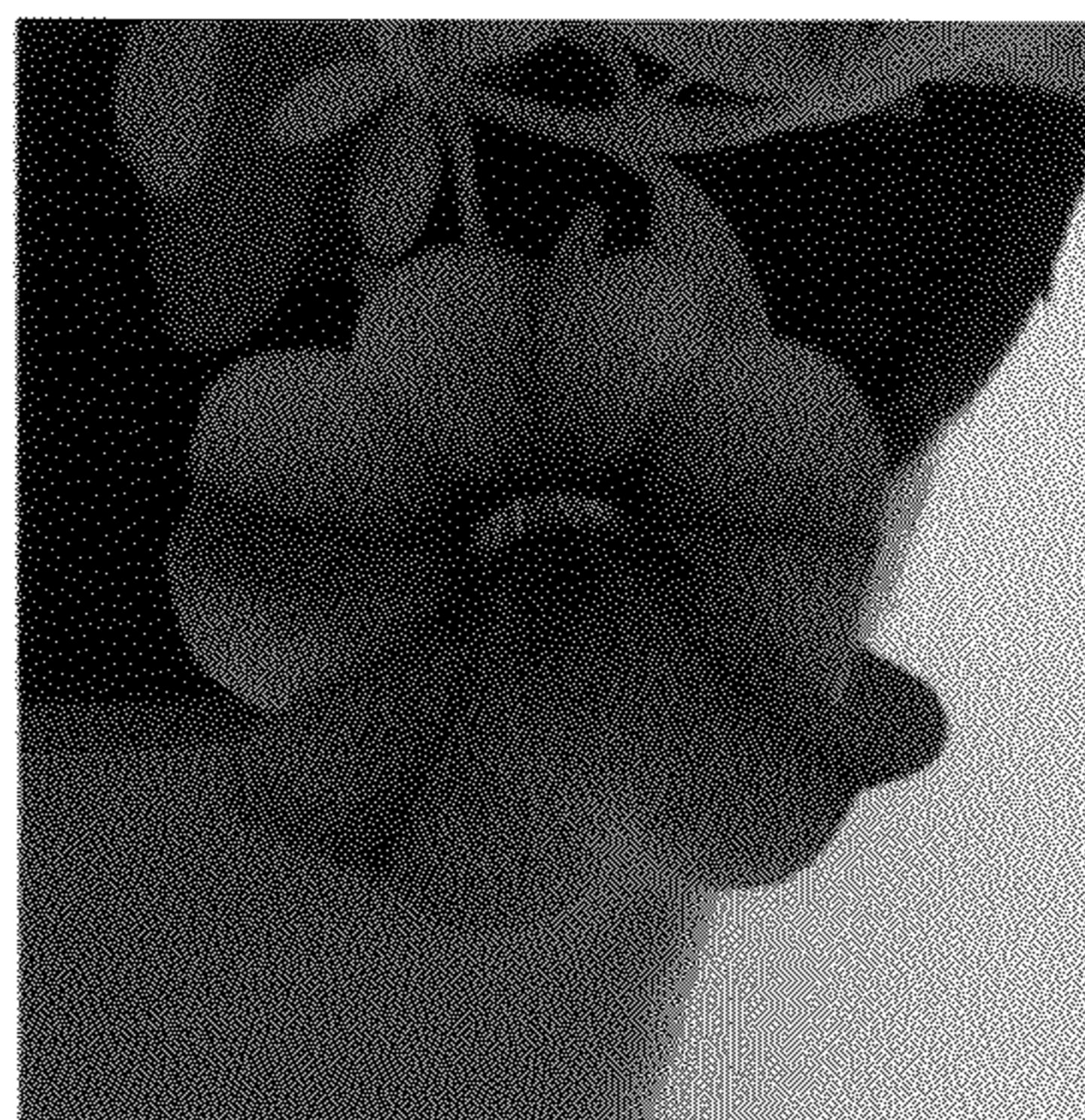


FIG. 2