



US00PP24402P2

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

(10) **Patent No.:** **US PP24,402 P2**
(45) **Date of Patent:** **Apr. 22, 2014**

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

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

(75) Inventor: **Jianping Ren**, Geneva, IL (US)

(73) Assignee: **Ball Horticultural Company**, West
Chicago, IL (US)

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 107 days.

(21) Appl. No.: **13/507,868**

(22) Filed: **Aug. 2, 2012**

(51) **Int. Cl.**
A01H 5/00 (2006.01)

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

(58) **Field of Classification Search**
USPC **Plt./413**
See application file for complete search history.

Primary Examiner — Susan McCormick Ewoldt
(74) *Attorney, Agent, or Firm* — Audrey Charles

(57) **ABSTRACT**

A new and distinct cultivar of *Calibrachoa* plant named 'Bal-
cabdepy', characterized by its deep yellow-colored flowers,
medium green-colored foliage, and moderately vigorous,
trailing growth habit, is disclosed.

1 Drawing Sheet

1

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

Variety denomination: 'Balcabdepy'.

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 'Bal-
cabdepy'.

The new cultivar originated in a controlled breeding pro-
gram in Elburn, Ill. during August 2008. The objective of the
breeding program was the development of *Calibrachoa* cul-
tivars with attractive flower coloration, medium green-col-
ored foliage, and a moderately vigorous, trailing growth
habit.

The new *Calibrachoa* cultivar is the result of cross-pollin-
ation. The female (seed) parent of the new cultivar is CABA-
RET Yellow 'Balcabello', not patented, characterized by its
medium yellow-colored flowers, medium green-colored foli-
age, and moderately vigorous, trailing growth habit. The male
(pollen) parent of the new cultivar is the proprietary *Calibra-
choa*×*hybrida* breeding selection coded 2356-1A, not pat-
ented, characterized by its scarlet-colored flowers, medium
green-colored foliage, and vigorous, semi-upright growth
habit. The new cultivar was discovered and selected as a
single flowering plant within the progeny of the above stated
cross-pollination during May 2009 in a controlled environ-
ment in Elburn, Ill.

Asexual reproduction of the new cultivar by terminal stem
cuttings since May 2009 in West Chicago, Ill. has demon-
strated that the new cultivar reproduces true to type with all of
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 'Balcab-
depy' as a new and distinct cultivar of *Calibrachoa* plant:

1. Deep yellow-colored flowers;
2. Medium green-colored foliage; and
3. Moderately vigorous, trailing growth habit.

2

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

Of the many commercially available *Calibrachoa* culti-
vars, the most similar in comparison to the new cultivar is the
female parent CABARET 'Balcabello', not patented. How-
ever, in side by side comparisons, plants of the new cultivar
differ from plants of 'Balcabello' in at least the following
characteristics:

1. Plants of the new cultivar have a flower color that is
darker yellow than plants of 'Balcabello'; and
2. Plants of the new cultivar have more main branches per
plant than plants of 'Balcabello'.

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 'Balcabdepy'. The plants were
grown in 4-inch pots for 5 weeks in a greenhouse in West
Chicago, Ill.

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

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

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 gen-
eral color terms of ordinary significance are used. The color
values were determined in May 2012 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-inch pots for 5 weeks utilizing a soilless growth medium. Greenhouse temperatures were maintained at approximately 70° F. to 77° F. (21° C. to 25° C.) during the day and approximately 65° F. to 68° F. (18° C. to 20° 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* hybrid cultivar Balcabdepy.

Parentage:

Female parent.—CABARET Yellow 'Balcabello', not patented.

Male parent.—Proprietary *Calibrachoa* hybrid breeding selection coded 2356-1A, 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 6 to 7 weeks from a rooted cutting to finish in a 10 cm pot.

Growth habit and general appearance.—Moderately vigorous, trailing.

Size.—Height from soil level to top of plant plane: Approximately 10.1 cm. Width: Approximately 28.3 cm.

Branching habit.—Freely branching, pinching enhances basal branching. Quantity of main branches per plant: Approximately 7.

Branch.—Strength: Moderate. Length: Approximately 12.8 cm. Diameter: Approximately 2.0 mm. Length of central internode: Approximately 1.4 cm. Texture: Densely glandular pubescent. Gland color: Colorless, transparent. Color of young and mature stems: 144A with a faint overlay of 187A.

Foliage description:

General description.—Quantity of leaves per main branch: Approximately 13. Fragrance: Slight. Form: Simple. Arrangement on flowering stem: Alternate.

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 foliage: 137B with venation of 144D to indistinguishable. Color of lower surface of young and mature foliage: 138A with venation of 138D to indistinguishable. Color of upper surface of mature foliage: 137A with venation of 144D to indistinguishable.

Petiole.—Length: Approximately 4.0 mm. Diameter: Approximately 1.0 mm. Texture: Moderately glandular pubescent. Gland color: Colorless, transparent. Color: 144D.

Flowering description:

Flowering habit.—'Balcabdepy' 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 12. Fragrance: Slight.

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 6.

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 and tube portion 154D, venation of 154B.

Corolla.—Diameter: Approximately 3.2 cm.

Petals.—Quantity: 5, fused to form a tube. Shape: Obovate. Margin: Entire. Apex: Obtuse. Length from tube: Approximately 1.3 cm. Length of free portion: Approximately 5.0 mm. Width: Approximately 1.6 cm. Texture of upper surface: Glabrous. Texture of lower surface: Moderately glandular pubescent. Gland color: Colorless, transparent. Color of upper surface when first and fully open: 12A with midveins of 145A. Color of lower surface when first open: 3D with midveins of 145B.

Corolla tube.—Length: Approximately 1.7 cm. Diameter at distal end: Approximately 7.0 mm. Diameter at proximal end: Approximately 2.0 mm. Texture of inner surface: Glabrous. Texture of outer surface: Densely glandular pubescent. Gland color: Colorless, transparent. Color of inner surface: 13A with venation of 145A. Color of outer surface: 3D with venation of 145B.

Sepals.—Quantity per flower: 5, fused along lower third. Shape: Lanceolate. Apex: Acute. Length: Approximately 1.4 cm. Width: Approximately 3.0 mm. Texture of upper surface: Densely glandular pubescent. Texture of lower surface: Densely glandular pubescent. Gland color: Colorless, transparent. Color of upper surface: 137A. Color of lower surface: 138B with base of 145B.

Peduncle.—Strength: Strong. Aspect: Acute angle to stem. Length: Approximately 1.9 cm. Diameter: Approximately 1.0 mm. Texture: Densely glandular pubescent. Gland color: Colorless, transparent. Color: 144B.

Reproductive organs.—Androecium: Stamen quantity: 5, basifixed. Stamen length: Approximately 1.0 cm. Filament length of fixed portion: Approximately 4.0 mm. Filament color: 1C. Anther shape: Bilobed, ovoid. Anther length: Approximately 1.0 mm. Anther color: 8A. Pollen amount: Abundant. Pollen color: 8B. 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: 144D. Ovary diameter: Approximately 2.0 mm. Ovary color: N144D.

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 'Balcabdepy', substantially as herein shown and described.

* * * * *



FIG. 1



FIG. 2