



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

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

(51) **Int. Cl.**
A10H 5/00 (2006.01)

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

(52) **U.S. Cl.** **Plt./263**
(58) **Field of Classification Search** **Plt./263**
See application file for complete search history.

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(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

(57) **ABSTRACT**

A new and distinct cultivar of *Calibrachoa* plant named
'Balcabred' characterized by its dark red-colored flowers,
medium green-colored foliage, good basal branching
character, and moderately vigorous, mounded-trailing
growth habit.

(21) Appl. No.: **11/299,484**

1 Drawing Sheet

(22) Filed: **Dec. 12, 2005**

1

2

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

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
'Balcabred'.

The new cultivar originated in a controlled breeding
program in Elburn, Ill. during September 2002. The objec-
tive of the breeding program was the development of
Calibrachoa cultivars with attractive flower coloration,
medium green-colored foliage, and moderately vigorous,
mounded-trailing growth habit.

The female (seed) parent of the new cultivar was the
proprietary *Calibrachoa*×*hybrida* breeding selection desig-
nated 2043-2, not patented, characterized by its scarlet
red-colored flowers and semi-upright growth habit. The
male (pollen) parent of the new cultivar was the proprietary
Calibrachoa×*hybrida* breeding selection designated 1032-2,
not patented, characterized by its cherry red-colored flowers
and semi-upright growth habit. The new *Calibrachoa* was
discovered and selected by the inventor as a single flowering
plant within the progeny of the above stated cross-
pollination during May 2003 in a controlled environment at
Elburn, Ill.

Asexual reproduction of the new cultivar by terminal stem
cuttings since May 2003 at Elburn, Ill. and West Chicago, Ill.
has demonstrated that the new cultivar reproduces true to
type with all 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
'Balcabred' as a new and distinct cultivar of *Calibrachoa*
plant:

- 1. Dark red-colored flowers;
- 2. Medium green-colored foliage;

- 3. Good basal branching character; and
 - 4. Moderately vigorous, mounded-trailing growth habit.
- Plants of the new cultivar differ from plants of the female
parent primarily in flower color and growth habit and from
plants of the male parent primarily in flower color and
growth habit.

Of the many commercially available *Calibrachoa* culti-
vars known to the inventor, the most similar in comparison
to the new cultivar is 'Sunbelre', U.S. Plant Pat. No. 14,756.
However, in side by side comparisons, plants of the new
cultivar differ from plants of 'Sunbelre' in the following
characteristics:

- 1. Plants of the new cultivar have smaller leaves than
plants of 'Sunbelre';
- 2. Plants of the new cultivar are more compact than plants
of 'Sunbelre'; and
- 3. Plants of the new cultivar have a flower color different
from plants of 'Sunbelre'.

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
accurately describes the colors of 'Balcabred'. The plants
were grown in 10 cm pots for 11 weeks in a greenhouse at
West Chicago, Ill.

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

FIG. 2 illustrates a close-up view of individual flowers of
'Balcabred'.

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 Horticul-

tural Society, London, England, 2001 edition, except where general color terms of ordinary significance are used. The color values were determined on May 31, 2005 between 3:00 p.m. and 4:00 p.m. under natural light conditions, in West Chicago, Ill.

The following descriptions and measurements describe plants produced from cuttings taken from stock plants and grown in a double polycarbonate-covered greenhouse under conditions comparable to those used in commercial practice. The plants were grown at West Chicago, Ill. in 10 cm pots for 11 weeks utilizing a soilless growth medium. Greenhouse temperatures were maintained at approximately 70° F. to 75° F. (21° C. to 24° C.) during the day and approximately 50° F. to 58° F. (10° C. to 14° C.) during the night. Greenhouse light levels of 5,000 to 8,000 footcandles were maintained during the day.

Botanical classification: *Calibrachoa x hybrida* cultivar Balcabred.

Parentage:

Female parent.—Proprietary *Calibrachoa x hybrida* breeding selection designated 2043-2, not patented.

Male parent.—Proprietary *Calibrachoa x hybrida* breeding selection designated 1032-2, 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:

Crop time.—Approximately 6 to 9 weeks from a rooted cutting.

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

Size.—Height from soil level to top of plant plane: Approximately 9.9 cm. Width: Approximately 47.5 cm.

Branching habit.—Freely basal branching. Approximately 11 main branches per plant, with lateral branches forming at very node.

Branch.—Strength: Moderate. Length: Approximately 23.6 cm. Diameter: Approximately 2.0 mm. Texture: Densely pubescent. Color of young stems: 144C with overlay of 187A. Color of mature stems: 197C. Internode length at center of branch: Approximately 1.4 cm.

Foliage.—Number of leaves per main branch: Approximately 24. Fragrance: None. Form: Simple. Arrangement on flowering stem: Opposite. Aspect: At acute angle to stem with apex downward turning. Shape: Elliptic. Margin: Entire. Apex: Obtuse. Base: Attenuate. Venation pattern: Pinnate. Length of mature leaf: Approximately 3.1 cm. Width of mature leaf: Approximately 9.9 mm. Texture of upper and lower surfaces: Hirsute. Color of upper surface of young foliage: 144B with venation of 144C. Color of lower surface of young foliage: Lighter than 143C with venation of 144C. Color of upper surface of mature foliage: 137B with venation of 144C. Color of lower surface of mature foliage: 138B with venation of 143C. Petiole length: Approximately 2.7 mm. Petiole diameter: Approximately 1.8 mm. Petiole texture: Hirsute. Petiole color: 145A.

Flowering description:

Flowering habit.—‘Balcabred’ is freely flowering under outdoor growing conditions with substantially

continuous blooming from spring through autumn and year round in greenhouse environment.

Time to first flower.—Approximately 9.8 weeks from sticking of unrooted cutting.

Lastingness of individual bloom.—Approximately 5 days.

Flower description:

Type.—Simple, salverform. Quantity per plant: Approximately 57.

Bud rate of opening.—Generally takes 4 to 6 days for bud to progress from first color to fully open flower.

Bud just before opening.—Shape: Oblong. Length: Approximately 2.7 cm. Diameter: Approximately 8.3 mm. Texture: Densely pubescent along veins. Color: Petals closest to 70A, corolla tube 5D with venation of N186C.

Corolla.—Diameter: Approximately 3.4 cm.

Petals.—Quantity: 5, fused to form a tube. Shape: Obovate. Apex: Obtuse. Margin: Entire. Texture of upper surface: Glabrous. Texture of lower surface: Glabrous and densely pubescent along veins. Upper petal length from throat: 1.5 cm. Petal length of free portion: 6.6 mm. Petal width: Approximately 1.5 cm. Lateral and lower petal length from throat: Approximately 1.3 cm. Color of upper surface when fully open: Darker than N66A with midvein of 53A. Color of lower surface when fully open: Darker than N66A with midvein of 187A.

Corolla tube.—Length: Approximately 2.0 cm. Diameter at distal end: Approximately 1.0 cm. Diameter at proximal end: Approximately 2.0 mm. Tube texture inner surface: Glabrous. Tube texture outer surface: Pubescent. Color inner surface: 13B with midvein of 187A and venation closest to 59B. Color of outer surface: 162B with venation of 187A.

Peduncle.—Strength: Moderate. Aspect: At acute angle to stem. Length: Approximately 2.1 cm. Diameter: Approximately 1.0 mm. Texture: Densely pubescent. Color: 145A.

Sepals.—Quantity per flower: 5 fused along lower half. Shape: Lanceolate. Apex: Acute. Sepal length: Approximately 1.5 cm. Sepal width: Approximately 3.2 mm. Texture of upper and lower surfaces: Densely pubescent. Color of upper and lower surfaces: 144B at apex and 144D at base.

Reproductive organs.—Androecium: Stamen quantity: 5 fused to inside of corolla tube. Stamen length: Approximately 2.1 cm. Filament length of free portion: Approximately 7.5 mm. Filament color: 145C. Anther shape: Oval, two parted. Anther length: Approximately 0.8 mm. Anther color: 8B. Pollen amount: Abundant. Pollen color: 8A. Gynoecium: Pistil quantity: One per flower. Pistil length: Approximately 1.4 cm. Stigma shape: Funnel. Stigma length: Approximately 1.0 mm. Stigma color: N144C. Style length: Approximately 1.1 cm. Style color: N144D. Ovary diameter: Approximately 2.0 mm. Ovary color: N144C.

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 ‘Balcabred’, substantially as herein shown and described.



FIG. 1

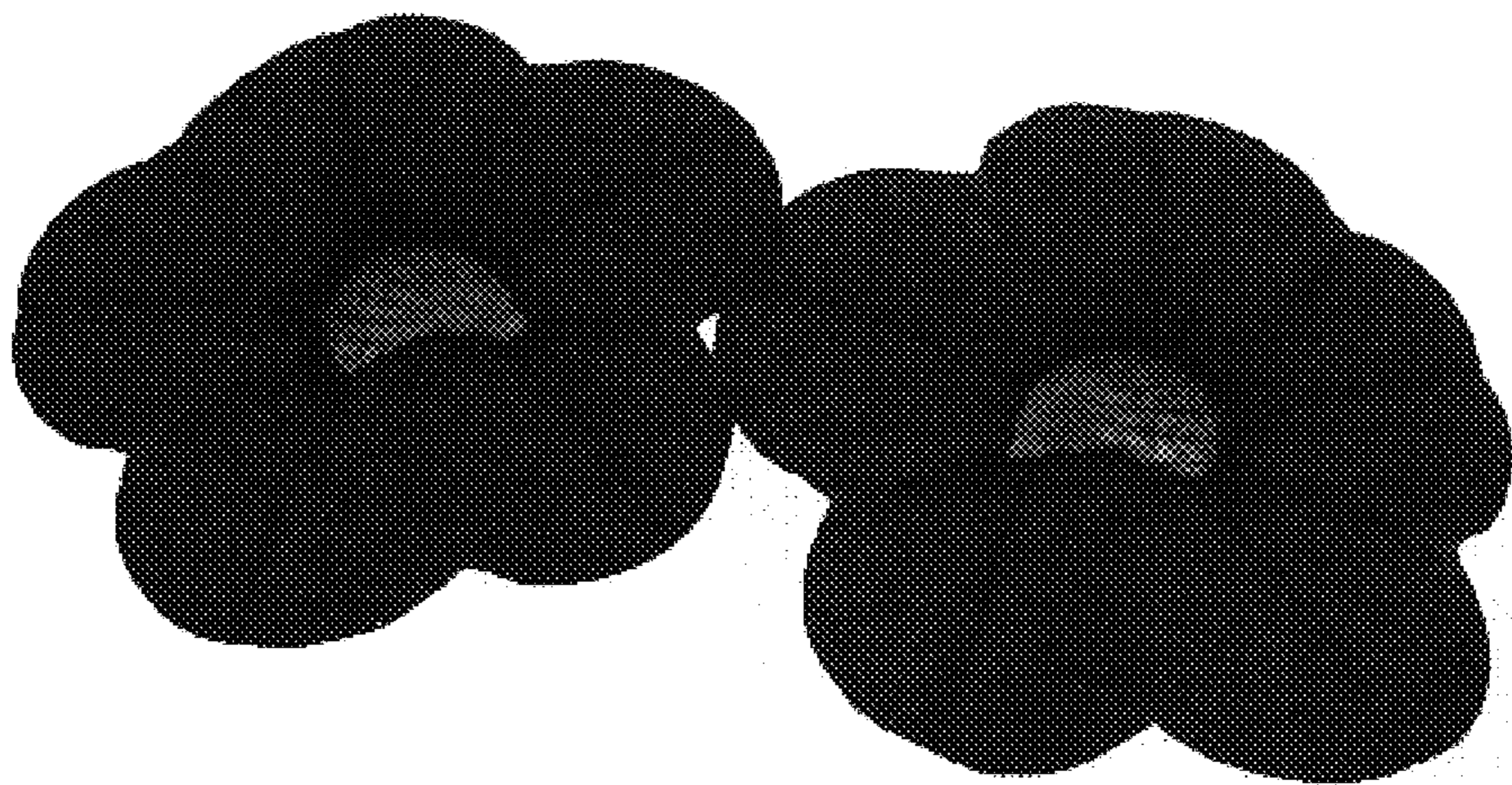


FIG. 2