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Guillen

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(54) **IMPATIENS PLANT NAMED ‘BALBOUVIMP’**

(50) Latin Name: *Impatiens*×*hybrida*
Varietal Denomination: **Balbouvimp**

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patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

(21) Appl. No.: **15/330,152**

(22) Filed: **Aug. 16, 2016**

(51) **Int. Cl.**
A01H 5/02 (2006.01)

(52) **U.S. Cl.**
USPC **Plt./317**

(58) **Field of Classification Search**
USPC Plt./317
See application file for complete search history.

(56) **References Cited**

PUBLICATIONS

UPOV hit on *Impatiens* plant named ‘Balbouvimp’, ZA PBR
PT7870, filed Jan. 18, 2016.*

UPOV hit on *Impatiens* plant named ‘Balbouvimp’, BR PBR
218060001392016, filed Jun. 20, 2016.*

* cited by examiner

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(57) **ABSTRACT**

A new and distinct cultivar of *Impatiens* plant named
‘Balbouvimp’, characterized by its dark reddish-purple col-
ored flowers, dark green-colored foliage, and moderately
vigorous, compact, mounded-spreading growth habit, is
disclosed.

1 Drawing Sheet

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Latin name of genus and species of plant claimed: *Impa-
tiens*×*hybrida*.

Variety denomination: ‘Balbouvimp’.

BACKGROUND OF THE INVENTION

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

The new cultivar originated in a controlled breeding
program in Cartago, Costa Rica during November 2010. The
objective of the breeding program was the development of
Impatiens cultivars that perform well under both sun and
shade conditions and have a moderately vigorous, compact,
mounded-spreading growth habit.

The new *Impatiens*×*hybrida* cultivar is the result of
cross-pollination. The female (seed) parent of the new
cultivar is the proprietary *Impatiens flaccida* breeding selec-
tion coded 81622, not patented, characterized by its medium
orchid-colored flowers, medium green-colored foliage, low
growth vigor, and mounded habit. The male (pollen) parent
of the new cultivar is the proprietary *Impatiens hawkeri*
breeding selection N309, not patented, characterized by its
dark burgundy-colored flowers, medium green-colored foli-
age, and moderately vigorous, mounded growth habit. The
new cultivar was discovered and selected as a single flow-
ering plant within the progeny of the above stated cross-
pollination during April 2011 in a controlled environment in
Cartago, Costa Rica.

Asexual reproduction of the new cultivar by terminal stem
cuttings since April 2011 in Cartago, Costa Rica, Arroyo
Grande, Calif., and West Chicago, Ill. has demonstrated that
the new cultivar reproduces true to type with all of the

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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
‘Balbouvimp’ as a new and distinct cultivar of *Impatiens*
plant:

1. Dark reddish-purple colored flowers;
2. Dark green-colored foliage; and
3. Moderately vigorous, compact, mounded-spreading
growth habit.

Plants of the new cultivar differ from plants of the female
parent primarily in having a different flower color. Plants of
the new cultivar differ from plants of the male parent
primarily in having a different flower color.

Of the many commercially available *Impatiens* cultivars,
the most similar in comparison to the new cultivar is Bounce
Violet ‘Balbouvio’, U.S. Plant Pat. No. 26,046. However, in
side by side comparisons, plants of the new cultivar differ
from plants of ‘Balbouvio’ in at least the following charac-
teristics:

1. Plants of the new cultivar have a flower color that is
slightly different from plants of ‘Balbouvio’; and
2. Plants of the new cultivar have leaves that are darker
colored than plants of ‘Balbouvio’.

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 'Balbouvim'. The plants were grown in 4.5-inch pots for 9 weeks in a greenhouse in West Chicago, Ill.

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

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

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 June 2016 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 9 weeks utilizing a soilless growth medium. 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: *Impatiens x hybrida* cultivar Balbouvim.

Parentage:

Female parent.—Proprietary *Impatiens flaccida* breeding selection coded 81622, not patented.

Male parent.—Proprietary *Impatiens hawkeri* breeding selection N309, not patented.

Propagation:

Type cutting.—Terminal stem.

Time to initiate roots.—Approximately 6 to 9 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 8 weeks from a rooted cutting to finish in a 10 cm pot.

Growth habit and general appearance.—Moderately vigorous, compact, mounded-spreading growth habit.

Size.—Height from soil level to top of plant plane: Approximately 17.5 cm. Width: Approximately 33.0 cm.

Branching habit.—Freely branching. Quantity of main branches per plant: Approximately 4.

Branch.—Strength: Moderately strong. Length: Approximately 17.0 cm. Diameter at central internode: Approximately 5.0 mm. Length of central internode: Approximately 3.5 cm. Texture: Glabrous. Color of young and mature stems: Closest to 146B with an overlay of 187B.

Foliage description:

General description.—Quantity of leaves per main branch: Approximately 9. Fragrance: None. Form: Simple. Arrangement: Whorled with up to 5 leaves per node, opposite if only two leaves at one node.

Leaves.—Aspect: Petiole is at an acute angle to stem and leaves are perpendicular to an obtuse angle to stem. Shape: Elliptic. Margin: Serrulate, ciliate. Apex: Acuminate. Base: Attenuate. Venation pattern: Pinnate. Length of mature leaf at center of stem: Approximately 10.0 cm. Width of mature leaf at center of stem: Approximately 3.8 cm. Texture of upper surface: Sparsely pubescent. Texture of lower surface: Glabrous. Color of upper surface of young foliage: Closest to 137A with venation of 147D. Color of lower surface of young foliage: Closest to 191B and venation of 147C. Color of upper surface of mature foliage: Closest to but darker than 137A with venation of 147B. Color of lower surface of mature foliage: Closest to but slightly darker than 191B and venation of 147C.

Petiole.—Length: Approximately 2.0 cm. Diameter: Approximately 3.0 mm. Texture: Glabrous. Color: 147C with a faint overlay of 187B.

Flowering description:

Flowering habit.—'Balbouvim' 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 7 to 9 days.

Flower description:

General description.—Type: Single. Quantity per plant: Approximately 27. Fragrance: None.

Bud.—Rate of opening: Generally takes 1 to 2 days for bud to progress from first color to fully open flower. Quantity showing color per plant: Approximately 8.

Bud just before opening.—Shape: Ovoid. Length: Approximately 1.6 cm. Diameter: Approximately 1.1 cm. Color: NN78A.

Corolla.—Shape: Round, cupped when first open with petals flattening with age. Diameter: Approximately 5.8 cm. Depth: Approximately 1.4 cm. Borne: Above the foliage.

Petals.—Quantity: 5. Shape: Obovate. Aspect: Flat. Appearance: Iridescent. Margin: Entire. Apex: Emarginate. Base of upper petal: Truncate. Base of lateral and lower petals: Attenuate. Length of upper petal: Approximately 2.5 cm. Width of upper petal: Approximately 3.7 cm. Length of lateral petals: Approximately 2.8 cm. Width of lateral petals: Approximately 2.5 cm. Length of lower petals: Approximately 3.4 cm. Width of lower petals: Approximately 2.9 cm. Texture of upper and lower surfaces: Glabrous. Color of upper surface when first and fully open: Closest to NN78A with slightly darker base. Color of lower surface when first and fully open: NN78C.

Spur.—Quantity: 1 per flower. Length: Approximately 4.8 cm. Diameter at proximal end: Approximately 2.0 mm. Diameter at distal end: Less than 1.0 mm. Texture: Glabrous. Color: 185D with 145B at tip.

Peduncle.—Strength: Moderately strong. Aspect: Acute angle to stem. Length: Approximately 4.0 cm.

Diameter: Approximately 2.0 mm. Texture: Glabrous. Color: 145C with a faint overlay of 187C.

Sepals.—Quantity per flower: 4 with one fused to base of upper petal. Sepal arrangement: 1 spurred lower sepal located between 2 side (lateral) sepals. Shape of lateral sepals: Ovate. Shape of lower sepal: Ovate. Apex of all sepals: Acuminate. Length of lateral sepals: Approximately 1.3 cm. Width of lateral sepals: Approximately 6.0 mm. Length of lower sepal: Approximately 1.7 cm. Width of lower sepal: Approximately 1.1 mm. Texture of upper and lower surfaces of all sepals: Glabrous. Color of upper and lower surfaces of lateral sepals: 145C and tips of 144B. Color of upper and lower surfaces of lower sepal: Center of NN155B, margins of 64B, and tip of 144C.

Reproductive organs.—Androecium: Stamen quantity: 5 per flower, fused around pistil at apex. Anther

shape: Hooded. Anther length: Approximately 5.0 mm. Anther color: 71B. Filament color: 71B. Pollen amount: Moderate. Pollen color: 155D. Gynoecium: Pistil quantity: 1 per flower. Pistil length: Approximately 5.0 mm. Stigma shape: 5-pointed star. Stigma color: Colorless, transparent. Style color: 146A, darkens to 137A with age. Ovary texture: Glabrous. Ovary color: 146B, darkens to 137A with age.

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

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

What is claimed is:

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

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FIG. 1

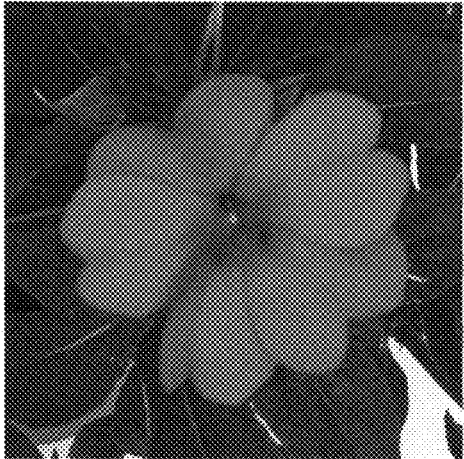


FIG. 2