



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

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

(50) Latin Name: *Impatiens walleriana*
Varietal Denomination: **Balfiepurp**

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patent is extended or adjusted under 35
U.S.C. 154(b) by 74 days.

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(52) **U.S. Cl.** **Plt./319**

(58) **Field of Classification Search** Plt./319
See application file for complete search history.

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(57) **ABSTRACT**

A new and distinct cultivar of *Impatiens* plant named
‘Balfiepurp’, characterized by its double type medium
purple-colored flowers, medium green-colored foliage, and
vigorous, upright-mounded growth habit.

1 Drawing Sheet

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Latin name of genus and species of plant claimed: *Impatiens walleriana*.
Variety denomination: ‘Balfiepurp’.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar
of *Impatiens* plant botanically known as *Impatiens walleri-*
ana and hereinafter referred to by the cultivar name
‘Balfiepurp’.

The new cultivar originated in a controlled breeding
program in Elburn, Ill. during April 2002. The objective of
the breeding program was the development of *Impatiens*
cultivars with fully double-type flowers, attractive flower
and foliage coloration, and a freely branching, compact
growth habit.

The new *Impatiens* cultivar is the result of cross-
pollination. The female (seed) parent of the new cultivar is
the proprietary *Impatiens walleriana* breeding selection des-
ignated 3583-2, not patented, characterized by its semi-
double, dark burgundy-colored flowers, medium green-
colored foliage, and upright-mounded growth habit. The
male (pollen) parent of the new cultivar is the proprietary
Impatiens walleriana breeding selection designated 3576-2,
not patented, characterized by its semi-double, dark purple-
colored flowers, medium green-colored foliage, and upright-
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 October 2002 in a
controlled environment at Elburn, Ill.

Asexual reproduction of the new cultivar by terminal stem
cuttings since October 2002 at Arroyo Grande, Calif. and
West Chicago, Ill. has demonstrated that the new cultivar
reproduces true to type with all of the characteristics, as
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
‘Balfiepurp’ as a new and distinct cultivar of *Impatiens*
plant:

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1. Double type medium purple-colored flowers;
2. Medium green-colored foliage; and
3. Vigorous, upright-mounded growth habit.

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

Of the many commercially available *Impatiens* cultivars
known to the inventor, the most similar in comparison to the
new cultivar is Fiesta™ Purple Piñata ‘Balfiepuna’, U.S.
Plant Pat. No. 13,611. However, in side by side comparisons,
plants of the new cultivar differ from plants of ‘Balfiepuna’
in the following characteristics:

1. Plants of the new cultivar have a foliage color different
from plants of ‘Balfiepuna’; and
2. Plants of the new cultivar have a petal color different
from plants of ‘Balfiepuna’.

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 ‘Balfiepurp’. The plants
were grown in 4.5 inch pots for 6 weeks in a greenhouse at
West Chicago, Ill.

FIG. 1 illustrates a side view of the overall growth and
flowering habit of ‘Balfiepurp’.

FIG. 2 illustrates a close-up view of an individual flower
of ‘Balfiepurp’.

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 1, 2006 between 9:00 a.m. and 11:00 a.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 glass-covered greenhouse under conditions comparable to those used in commercial practice. The plants were grown at West Chicago, Ill. in 4.5 inch pots for 6 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.

Botanical classification: *Impatiens walleriana* cultivar Balfiepurp.

Parentage:

Female parent.—Proprietary *Impatiens walleriana* breeding selection designated 3583-2.

Male parent.—Proprietary *Impatiens walleriana* breeding selection designated 3576-2.

Propagation:

Type cutting.—Terminal stem.

Time to initiate roots.—Approximately 7 to 8 days.

Time to produce a rooted cutting.—Approximately 21 to 24 days.

Root description.—Fibrous.

Rooting habit.—Freely branching.

Plant description:

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

Growth habit and general appearance.—Vigorous, upright-mounded.

Size.—Height from soil level to top of plant plane: Approximately 8.8 cm. Width: Approximately 25.8 cm.

Branching habit.—Freely basal branching. Quantity of main branches per plant: Approximately 5.

Branch.—Strength: Moderately strong. Length: Approximately 10.4 cm. Diameter: Approximately 4.1 mm. Length of central internode: Approximately 1.7 cm. Texture: Glabrous. Color of young and mature stems: 144C with streaks of 187C.

Foliage description:

General description.—Quantity of leaves per main branch: Approximately 8. Fragrance: None. Form: Simple. Arrangement: Alternate.

Leaves.—Aspect: Acute angle to stem. Shape: Ovate. Margin: Crenate, ciliate. Apex: Acute. Base: Attenuate. Venation pattern: Pinnate. Length of mature leaf at center of stem: Approximately 4.0 cm. Width of mature leaf at center of stem: Approximately 2.9 cm. Texture of upper surface: Moderately pubescent. Texture of lower surface: Glabrous. Color of upper surface of young foliage: 137B with venation of 138C. Color of lower surface of young foliage: 191B with venation of 138C. Color of upper surface of mature foliage: 137A with venation of 138C. Color of lower surface of mature foliage: 191B with venation of 138B.

Petiole.—Length: Approximately 1.6 cm. Diameter: Approximately 2.1 mm. Texture: Glabrous. Color: 138B with streaks of 187C.

Flowering description:

Flowering habit.—‘Balfiepurp’ 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 6 to 9 days.

Flower description:

General description.—Type: Double. Quantity per plant: Approximately 11. Fragrance: None.

Bud.—Rate of opening: Generally takes 3 to 5 days for bud to progress from first color to fully open flower. Quantity showing color per plant: Approximately 8.

Bud just before opening.—Shape: Oval. Length: Approximately 1.0 cm. Diameter: Approximately 8.9 mm. Color: 76D.

Corolla.—Shape: Hemispherical. Width: Approximately 3.9 cm. Depth: Approximately 2.2 cm. Borne: Above the foliage.

Petals.—Quantity: 29. Shape: Obovate. Aspect: Flat. Appearance: Iridescent. Margin: Entire. Apex: Obtuse, some are emarginate. Base: Attenuate. Length of outermost petal: Approximately 2.0 cm. Width of outermost petal: Approximately 1.7 cm. Length of innermost petals: Approximately 1.1 cm. Width of innermost petals: Approximately 8.7 mm. Texture of upper and lower surfaces: Glabrous. Color of upper surface when first open: N74A. Color of lower surface when first open: Between N74B and N74C. Color of upper surface when fully open: N74A fading to N74B with age. Color of lower surface when fully open: N74C.

Spur.—Quantity: 1 per flower. Length: Approximately 3.2 cm. Diameter at tip: Less than 1 mm. Diameter at base: Approximately 2.0 mm. Texture: Glabrous. Color: 160C at base transitioning to 144C at tip.

Peduncle.—Strength: Moderately strong. Aspect: Acute angle to stem. Length: Approximately 3.5 cm. Diameter: Approximately 2.0 mm. Texture: Glabrous. Color: 144C.

Sepals.—Quantity per flower: 4, with one fused to base of upper petal. Shape of lateral sepals: Lanceolate. Shape of lower sepal: Trifid. Apex of all sepals: Acute. Length of lateral sepals: Approximately 5.0 mm. Width of lateral sepals: Approximately 2.0 mm. Length of lower sepal: Approximately 9.5 mm. Width of lower sepal: Approximately 1.1 cm. Texture of upper and lower surfaces of all sepals: Glabrous. Color of lateral sepals: 144C. Color of lower sepal: Closest to 155A and apex of 144D.

Reproductive organs.—None observed.

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 ‘Balfiepurp’, substantially as herein shown and described.

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FIG. 1

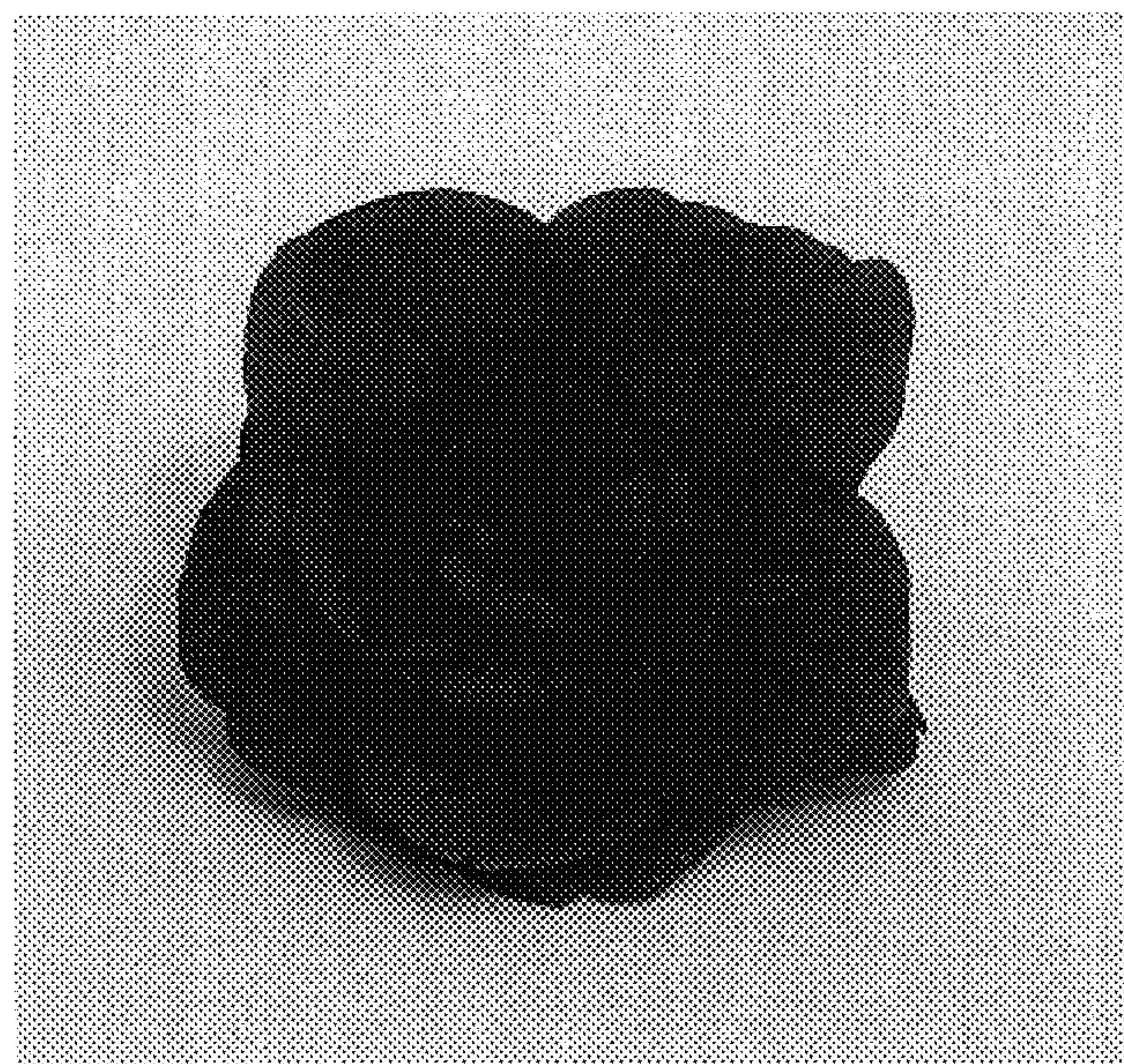


FIG. 2