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

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(54) **NEW GUINEA IMPATIENS PLANT NAMED ‘BALCEBSCAPI’**

(50) Latin Name: *Impatiens hawkeri*
Varietal Denomination: **Balcebscapi**

(75) Inventor: **Kerry M. Strope**, Jefferson City, MO (US)

(73) Assignee: **Ball Horticultural Co.**, 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 0 days.

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(51) **Int. Cl.⁷** **A01H 5/00**

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(58) **Field of Search** **Plt./318**

Primary Examiner—Bruce R. Campell
Assistant Examiner—June Hwu
(74) *Attorney, Agent, or Firm*—C. A. Whealy

(57) **ABSTRACT**

A new and distinct cultivar of New Guinea Impatiens plant named ‘Balcebscapi’, characterized by its upright, uniform and mounded plant habit; large red-colored flowers that are positioned above and beyond the leaves; and dark green-colored leaves.

(21) Appl. No.: **10/359,751** **1 Drawing Sheet**

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Botanical classification/cultivar denomination: *Impatiens hawkeri* cultivar Balcebscapi.

BACKGROUND OF THE INVENTION

The present Invention relates to a new and distinct cultivar of New Guinea Impatiens plant, botanically known as *Impatiens hawkeri*, and hereinafter referred to by the name ‘Balcebscapi’.

The new Impatiens is a product of a planned breeding program conducted by the Inventor in Arroyo Grande, Calif. The objective of the breeding program is to develop New Guinea Impatiens cultivars that are compact, have a freely basal branching growth habit and numerous large flowers with attractive flower colors.

The new Impatiens originated from a cross-pollination made by the Inventor in 1999 of a proprietary selection of *Impatiens hawkeri* identified as code number 2273B, not patented, as the female, or seed parent, with a proprietary selection of *Impatiens hawkeri* identified as code number 2008, not patented, as the male, or pollen parent. The cultivar Balcebscapi was discovered and selected by the Inventor as a flowering plant within the progeny of the stated cross-pollination in a controlled environment in Arroyo Grande, Calif.

Asexual reproduction of the new cultivar by terminal cuttings taken in Arroyo Grande, Calif., since November, 1999 has shown that the unique features of this new Impatiens are stable and reproduced true to type in successive generations.

SUMMARY OF THE INVENTION

The following traits have been repeatedly observed and are determined to be the unique characteristics of ‘Balcebscapi’. These characteristics in combination distinguish ‘Balcebscapi’ as a new and distinct New Guinea Impatiens cultivar:

1. Upright, uniform and mounded plant habit.
2. Large red-colored flowers that are positioned above and beyond the leaves.
3. Dark green-colored leaves.

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Plants of the new Impatiens differ primarily from plants of the female and male parents in flower and leaf coloration.

Plants of the new Impatiens can be compared to plants of the cultivar Lanai, disclosed in U.S. Plant Pat. No. 8,397. In side-by-side comparisons conducted in West Chicago, Ill., plants of the new Impatiens differed from plants of the cultivar Lanai in the following characteristics:

1. Plants of the new Impatiens were more compact with shorter internodes than plants of the cultivar Lanai.
2. Plants of the new Impatiens had larger flowers than plants of the cultivar Lanai.
3. Plants of the new Impatiens had longer flower spurs than plants of the cultivar Lanai.
4. Plants of the new Impatiens were not as freely flowering as plants of the cultivar Lanai.

BRIEF DESCRIPTION OF THE PHOTOGRAPH

The accompanying colored photograph illustrates the overall appearance of the new cultivar, showing the colors as true as it is reasonably possible to obtain in colored reproductions of this type. Colors in the photograph may differ from the color values cited in the detailed botanical description which accurately describe the colors of the new Impatiens. The photograph comprises a side perspective view of a typical flowering plant of ‘Balcebscapi’ grown in a container.

DETAILED BOTANICAL DESCRIPTION

The cultivar Balcebscapi has not been observed under all possible environmental conditions. The phenotype may vary somewhat with variations in environment such as temperature and light intensity without, however, any variance in genotype.

The aforementioned photographs and following observations and measurements describe plants grown in West Chicago, Ill., under commercial practice in a polycarbonate-covered greenhouse with day temperatures ranging from 20 to 24° C., night temperatures ranging from 14 to 18° C. and light levels ranging from 4,000 to 7,000 footcandles. Rooted young plants were planted in 10-cm containers and had been

growing for about ten weeks when the photographs and the description were taken.

In the following description, color references are made to The Royal Horticultural Society Colour Chart, 2001 Edition, except where general terms of ordinary dictionary significance are used.

Botanical classification: *Impatiens hawkeri* cultivar Balcebscapi.

Parentage:

Female parent.—Proprietary selection of *Impatiens hawkeri* identified as code number 2273B, not patented.

Male parent.—Proprietary selection of *Impatiens hawkeri* identified as code number 2026, not patented.

Propagation:

Type cutting.—Terminal cuttings.

Time to initiate roots.—About 7 days at 18° C.

Time to produce a rooted cutting.—About 21 days at 18° C.

Root description.—Fine, fibrous and white in color.

Rooting habit.—Freely branching.

Plant description:

General appearance.—Upright, uniform and mounded plant habit; freely basal branching growth habit, about four basal branches develop per plant. Moderately vigorous.

Plant height.—About 14 cm.

Plant diameter or spread.—About 30.2 cm.

Lateral branches.—Length: About 5.4 cm. Diameter: About 6 mm. Internode length: About 1.7 cm. Color: 187A.

Foliage description.—Arrangement: Opposite or in whorls of three to five. Length: About 7.4 cm. Width: About 2.8 cm. Shape: Elliptic. Apex: Acuminate. Base: Attenuate. Margin: Serrulate with ciliation. Texture, upper and lower surfaces: Smooth, glabrous. Venation pattern: Pinnate. Color: Young foliage, upper surface: 139A. Young foliage, lower surface: 137C. Fully expanded foliage, upper surface: Darker than 139A. Fully expanded foliage, lower surface: 137D. Venation, upper surface: Midvein, 143C overlain with 185C; lateral veins, 143C. Venation, lower surface: 185A. Petiole: Length: About 1 cm. Diameter: About 3 mm. Texture, upper and lower surfaces: Smooth, glabrous. Color, upper and lower surfaces: 185A.

Flower description:

Flower type and flowering habit.—Single large flowers. Freely flowering, usually about four flowers and

flower buds per lateral branch. Flowers positioned above and beyond the foliage and typically face upward or outward. Flowers not fragrant. Petals self-cleaning; gynoecium persistent.

Flower longevity.—Flowers last about one week on the plant.

Flowering season.—Year-round under greenhouse conditions; in the garden, flowering from spring until fall, flowering continuous.

Flower buds.—Length: About 2.2 cm. Diameter: About 1.4 cm. Shape: Ovoid. Color: 46A.

Flower diameter.—About 6.9 cm.

Flower depth.—About 2 cm.

Flower shape.—Rounded.

Petals.—Quantity: Five per flower, imbricate. Length, banner petal: About 2.7 cm. Length, lateral petals: About 3.2 cm. Length, basal petals: About 3.2 cm. Width, banner petals: About 4 cm. Width, lateral petals: About 3.4 cm. Width, basal petals: About 3.2 cm. Shape: Obovate. Apex: Emarginate. Base, banner petal: Truncate. Base, lateral and basal petals: Attenuate. Margin: Entire. Texture, upper and lower surfaces: Smooth, glabrous. Color: When opening and fully opened, upper surface: 45A. When opening and fully opened, lower surface: 42B.

Spur.—Quantity: One per flower. Length: About 5.5 cm. Aspect: Curved. Color: 185A.

Peduncles.—Length: About 5 cm. Diameter: About 1 mm. Strength: Strong; flexible. Angle: Acute. Color: 187B.

Reproductive organs.—Androecium: Stamen quantity/arrangement: Five fused at anthers, hooded; filaments free. Anther length: About 3 mm. Anther shape: Obovate. Anther color: 9C. Pollen amount: Moderate. Pollen color: 9D. Gynoecium: Pistil quantity: One per flower. Pistil length: About 8.5 mm. Stigma length: Less than 1 mm. Stigma color: 77A. Style length: About 1 mm. Style color: 150D. Ovary arrangement: Five-celled. Ovary length: About 7 mm. Ovary texture: Smooth. Ovary color: 143B.

Seeds/fruits.—Seed and fruit development has not been observed.

Disease/pest resistance: Plants of the new impatiens have not been observed to be resistant to pathogens and pests common to New Guinea Impatiens.

It is claimed:

1. A new and distinct cultivar of New Guinea Impatiens plant named 'Balcebscapi', as illustrated and described.

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