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

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- (54) **DOUBLE IMPATIENS PLANT NAMED ‘CAMEO CORAL’**
- (50) Latin Name: *Impatiens walleriana*
Varietal Denomination: **Cameo Coral**
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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.
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- (51) **Int. Cl.**⁷ **A01H 5/00**

- (52) **U.S. Cl.** **Plt./317**
- (58) **Field of Search** **Plt./317, 319**

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(57) **ABSTRACT**

A new and distinct cultivar of Double Impatiens plant named ‘Cameo Coral’, characterized by its compact, mounded and outwardly spreading plant habit; rapid growth rate; freely branching habit; rounded green-colored leaves; densely foliated; freely flowering habit; fully double flower form; and large dark orange-colored flowers that are positioned above and beyond the foliage.

1 Drawing Sheet

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Botanical classification/cultivar designation: *Impatiens walleriana* cultivar Cameo Coral.

BACKGROUND OF THE INVENTION

The present Invention relates to a new and distinct cultivar of Double Impatiens plant, botanically known as *Impatiens walleriana*, and hereinafter referred to by the cultivar name ‘Cameo Coral’.

The new Impatiens is a product of a planned breeding program conducted by the Inventor in Cartago, Costa Rica. The objective of the breeding program was to develop new compact and mounded Double Impatiens cultivars with large fully double flowers, excellent branching, and interesting flower and foliage colors.

The new Impatiens originated from a cross made by the Inventor of two proprietary selections of *Impatiens walleriana*, not patented. The cultivar Cameo Coral was discovered and selected by the Inventor as a flowering plant within the progeny of the stated cross in a controlled environment in Cartago, Costa Rica.

Asexual reproduction of the new cultivar by terminal cuttings taken at Cartago, Costa Rica, since March, 2001, has shown that the unique features of this new Impatiens are stable and reproduced true to type in successive generations of asexual reproduction.

SUMMARY OF THE INVENTION

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

1. Compact, mounded and outwardly spreading plant habit.
2. Rapid growth rate.
3. Freely branching habit.
4. Rounded green-colored leaves; densely foliated.
5. Freely flowering habit.
6. Fully double flower form.

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7. Large dark orange-colored flowers that are positioned above and beyond the foliage.

In side-by-side comparisons conducted in Cartago, Costa Rica, plants of the new Impatiens differed from plants of the parent selections primarily in flower form and coloration.

The new Impatiens can be compared to the *Impatiens walleriana* cultivar Balfiecobl, disclosed in U.S. Plant Pat. No. 11,859. However, in side-by-side comparisons conducted in Lompoc, Calif., plants of the new Impatiens differed from plants of the cultivar Balfiecobl in the following characteristics:

1. Plants of the new Impatiens were more mounded and outwardly spreading than plants of the cultivar Balfiecobl which were more upright in plant habit.
2. Plants of the new Impatiens had larger leaves than plants of the cultivar Balfiecobl.
3. Plants of the new Impatiens had larger flowers than plants of the cultivar Balfiecobl.

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 slightly 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 ‘Cameo Coral’ grown in a container.

DETAILED BOTANICAL DESCRIPTION

The cultivar Cameo Coral 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 detailed botanical description describe plants grown in Lompoc, Calif., during the winter under commercial practice in a fiberglass-covered greenhouse with day temperatures about

21 to 24° C., night temperatures about 16 to 18° C. and light levels about 3,000 to 4,000 footcandles. Rooted cuttings were planted in 25-cm hanging basket containers and grown for about ten weeks.

In the following description, color references are made to The Royal Horticultural Society Colour Chart, 1995 Edition, except where general terms of ordinary dictionary significance are used.

Botanical classification: *Impatiens walleriana* cultivar Cameo Coral.

Parentage:

Female parent.—Proprietary selection of *Impatiens walleriana*, not patented.

Male parent.—Proprietary selection of *Impatiens walleriana*, not patented.

Propagation:

Type cutting.—Terminal cuttings.

Time to initiate roots.—Summer: About 10 days at 21° C. Winter: About 12 days at 21° C.

Time to produce a rooted cutting.—Summer and winter: About 21 days at 21° C.

Root description.—Fibrous, fine, white in color.

Rooting habit.—Freely branching, dense.

Plant description:

General appearance.—Compact, mounded and outwardly spreading. Appropriate for 10 to 15-cm pots and 20 and 25-cm hanging basket containers.

Growth and branching habit.—Vigorous and freely branching with at least ten lateral branches developing towards the base, dense and bushy growth. Pinching, that is, removal of the terminal apices, is typically not required.

Crop time.—Relatively rapid growth rate. From planting one rooted cutting in a 10-cm pot: About five to six weeks. From planting three rooted cuttings in a 25-cm hanging basket container: About eight to ten weeks.

Plant height.—About 16 to 18 cm.

Plant spread.—About 25 cm.

Lateral branches.—Length: About 18 to 20 cm. Diameter: About 8 to 10 mm. Internode length: About 1 to 2 cm. Texture: Smooth, glabrous. Color: 147C.

Foliage description.—Arrangement: Alternate, simple; densely foliated. Length: About 5 to 6 cm. Width: About 3.5 to 4 cm. Shape: Ovate. Apex: Acute. Base: Acute to rounded. Margin: Slightly crenate with ciliation. Texture, upper and lower surfaces: Smooth, glabrous. Venation pattern: Pinnate. Color: Developing foliage, upper surface: 146B. Developing foliage, lower surface: 147C. Fully expanded

foliage, upper surface: 146A. Fully expanded foliage, lower surface: 147C. Venation, upper and lower surfaces: 146C. Petiole: Length: About 1.2 to 1.5 cm. Diameter: About 3 mm. Texture, upper and lower surfaces: Smooth, glabrous. Color: 148B.

Flower description:

Flower type and habit.—Numerous and consistently double dark orange-colored flowers. Freely and continuously flowering. Flower buds open similar to a rose in fullness; flowers rounded. Flowers arise from leaf axils. Usually about 8 to 15 flowers and flower buds per lateral branch. Flowers positioned above the foliage and typically face outward to upward. Flowers last about seven to ten days on the plant. Flowers not persistent. Flowers not fragrant.

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

Flower diameter.—About 4.5 to 5 cm.

Flower depth (height).—About 2 cm.

Flower buds.—Rate of opening: From showing color to fully open flower, about five to seven days is typical depending on temperature. Length: About 1.5 cm. Diameter: About 1.2 cm. Shape: Ovoid. Color, before showing petal color: 146C.

Petals.—Quantity/arrangement: About 25 to 30 per flower; imbricate. Length, outer petals: About 2.5 cm. Width, outer petals: About 2.5 cm. Shape: Cordate to ovate. Apex: Rounded or emarginate. Base: Acute to rounded. Margin: Entire; slightly ruffled. Texture, upper and lower surfaces: Smooth, glabrous. Color: When opening and fully opened, upper surface: 43B; color does not fade with development. When opening and fully opened, lower surface: 39B.

Peduncles.—Length: About 2.5 to 3 cm. Diameter: Less than 1 mm. Angle: About 45° to the lateral branch. Strength: Strong; flexible. Color: 146C.

Reproductive organs.—None observed.

Fruit/seed.—Production of fruit and seed has not been observed.

Disease/pest resistance: Plants of the new *Impatiens* have demonstrated good resistance to pathogens common to *Impatiens*, such as *Botrytis*. Plants of the new *Impatiens* have not been observed to be resistant to pests common to *Impatiens*.

Weather tolerance: Plants of the new *Impatiens* have been observed to be tolerant to rain, wind and temperatures ranging from 5 to 38° C.

It is claimed:

1. A new and distinct cultivar of Double *Impatiens* plant named 'Cameo Coral', as illustrated and described.

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