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

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(54) **DOUBLE IMPATIENS PLANT NAMED**  
**'BALFIEBLUS'**

PP11,365 P \* 4/2000 Leue ..... Plt./317

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**OTHER PUBLICATIONS**

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UPOV ROM GTITM Computer Database, GIT Jouve Retrieval Software citations for "Balfieblus" 2002/02.\*

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

\* cited by examiner

(21) Appl. No.: **10/115,062**

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(57) **ABSTRACT**

(51) **Int. Cl.**<sup>7</sup> ..... **A01H 5/00**

A new and distinct cultivar of Double Impatiens plant named 'Balfieblus', characterized by its compact, upright, outwardly spreading and mounded plant habit; freely branching growth habit; dark green-colored leaves; freely flowering habit; and light pale pink-colored flowers that are fully double and positioned above the foliage.

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

(58) **Field of Search** ..... **Plt./317**

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

PP9,616 P \* 7/1996 Leue ..... Plt./317

**1 Drawing Sheet**

**1**

**2**

**BOTANICAL CLASSIFICATION/CULTIVAR DESIGNATION**

*Impatiens walleriana* cultivar Balfieblus.

**SUMMARY OF THE INVENTION**

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

**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 name 'Balfieblus'.

1. Compact, upright, outwardly spreading and mounded plant habit.
2. Freely branching growth habit.
3. Dark green-colored leaves.
4. Freely flowering habit.
5. Light pale pink-colored flowers that are fully double and positioned above the foliage.

The new Impatiens is a product of a planned breeding program conducted by the Inventor in Elburn, Ill. The objective of the breeding program was to develop new compact Double Impatiens cultivars with fully double flowers, freely branching growth habit, and attractive flower and foliage coloration.

Plants of the new Impatiens differ primarily from plants of the parent selections in flower color.

The new Impatiens originated from a cross made by the Inventor in September, 1998, of a proprietary *Impatiens walleriana* selection identified as 500-1-1-3-3, not patented, as the female, or seed parent, with a proprietary *Impatiens walleriana* selection identified as 867A, not patented, as the male, or pollen parent. The cultivar Balfieblus was discovered and selected by the Inventor as a flowering plant within the progeny of the stated cross in a controlled environment in Elburn, Ill.

The new Impatiens can be compared to the *Impatiens walleriana* cultivar Pink Ruffle, disclosed in U.S. Plant Pat. No. 9,616. However, in side-by-side comparisons conducted in West Chicago, Ill., plants of the new Impatiens differed from plants of the cultivar Pink Ruffle in the following characteristics:

1. Plants of the new Impatiens were shorter and had shorter internodes than plants of the cultivar Pink Ruffle.
2. Plants of the new Impatiens had shorter flower spurs than plants of the cultivar Pink Ruffle.
3. Flower color of plants of the new Impatiens was lighter pink than flower color of plants of the cultivar Pink Ruffle.

Asexual reproduction of the new cultivar by terminal cuttings taken at Elburn, Ill. since October, 1998, has shown that the unique features of this new Impatiens are stable and reproduced true to type in successive generations of asexual reproduction.

**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 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 multiple flowering plants of 'Balfieblus' in a container.

#### DETAILED BOTANICAL DESCRIPTION

The cultivar Balfieblus 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 photograph 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 10 to 17° C. and light levels ranging from 4,000 to 6,000 footcandles. Rooted young plants were planted in containers and had been growing for about five to six weeks when the photographs and the description were taken.

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 Balfieblus.

Parentage:

*Female parent*.—Proprietary *Impatiens walleriana* selection identified as 500-1-1-3-3, not patented.

*Male parent*.—Proprietary *Impatiens walleriana* selection identified as 867A, not patented.

Propagation:

*Type cutting*.—Terminal cuttings.

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

*Time to produce a rooted young plant*.—About 21 days at 18° C.

*Root description*.—Fibrous and fine.

*Rooting habit*.—Freely branching.

Plant description:

*General appearance*.—Compact, upright, outwardly spreading and mounded plant habit. Appropriate for 10-cm and larger containers.

*Growth and branching habit*.—Vigorous and freely-branching growth habit with about four basal branches and lateral branches potentially forming at every node; dense and bushy growth. Pinching, that is, removal of the terminal apices, is not required, but will enhance branching.

*Plant height*.—About 10.1 cm.

*Plant diameter or spread*.—About 29.2 cm.

*Lateral branches*.—Length: About 13.7 cm. Diameter: About 7 mm. Internode length: About 2.2 cm. Texture: Smooth, glabrous. Color 144B.

*Foliage description*.—Arrangement: Opposite, simple. Length: About 3.8 cm. Width: About 2.5 cm. Shape: Ovate. Apex: Acuminate. Base: Attenuate. Margin: Serrate to crenate with ciliation. Texture, upper and lower surfaces: Smooth, glabrous. Venation pattern: Pinnate, arcuate. Color: Young and fully expanded foliage, upper surface: 137A. Young and fully expanded foliage, lower surface: 147B. Venation, upper and lower surfaces: 144B. Petiole: Length: About 9 mm. Diameter: About 2 mm. Texture, upper and lower surfaces: Smooth, glabrous. Color: 145B.

Flower description:

*Flower type and habit*.—Numerous and consistently double flowers. Flower buds open similar to a rose in fullness; flowers rounded in shape. Flowers arise from leaf axils. Freely flowering, usually about seven flowers and flower buds per lateral branch. Flowers positioned above the foliage and typically face upright or outward. Flowers last about five to seven days under greenhouse conditions. Flowers not persistent. Flowers not fragrant.

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

*Flower size*.—Diameter: About 3.9 cm. Depth: About 1.9 cm.

*Flower buds (at stage of showing color)*.—Length: About 1.2 cm. Diameter: About 9 mm. Shape: Ovoid. Color: 56D.

*Petals*.—Quantity/arrangement: About 22 per flower; imbricate. Length, largest petals: About 1.9 cm. Width, largest petals: About 1.6 cm. Shape: Obovate. Apex: Emarginate. Base: Truncate to attenuate. Margin: Entire. Texture, upper and lower surfaces: Velvety, smooth. Color: When opening, upper and lower surfaces: 56D. Fully opened, upper and lower surfaces: Paler than 56D.

*Sepals*.—Quantity/arrangement: Five in a single whorl; one modified into an elongated spur. Calyx length: About 1 cm. Calyx diameter: About 1 cm. Shape: Elliptic. Apex: Acute. Margin: Entire. Texture, upper and lower surfaces: Smooth, glabrous. Color, upper and lower surfaces: 144B. Spur length: About 2.7 cm. Spur color: 144B; towards the apex, 145A.

*Peduncles*.—Length: About 1.7 cm. Diameter: About 1.25 mm. Angle: Acute. Strength: Strong. Color: 144A.

*Reproductive organs*.—None observed.

*Seed/fruit*.—None observed.

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

It is claimed:

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

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