



US00PP12430P2

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

(10) **Patent No.:** **US PP12,430 P2**

(45) **Date of Patent:** **Feb. 26, 2002**

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

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

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

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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 34 days.

(57) **ABSTRACT**

A new and distinct cultivar of Double Impatiens plant named
'Boddblog', characterized by its compact, mounded and
outwardly spreading plant habit; freely branching habit; dark
green leaves; large scarlet orange-colored flowers; fully
double flower form; freely flowering habit; and flowers
positioned above the foliage.

(21) **Appl. No.:** **09/832,030**

(22) **Filed:** **Apr. 10, 2001**

(51) **Int. Cl.**⁷ **A01H 5/00**

2 Drawing Sheets

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BACKGROUND OF THE INVENTION

The present Invention relates to a new and distinct culti-
var of Double Impatiens plant, botanically known as *Impa-
tiens walleriana*, and hereinafter referred to by the name
'Boddblog'.

The new Impatiens is a product of a planned breeding
program conducted by the Inventor in Lompoc, Calif. The
objective of the breeding program was to develop new
compact Double Impatiens cultivars with fully double flow-
ers, excellent branching, and attractive flower and foliage
colors.

The new Impatiens originated from a cross made by the
Inventor in October, 1998, of a proprietary *Impatiens walle-
riana* selection identified as 8IM16-10, not patented, as the
female, or seed parent, with a proprietary *Impatiens walle-
riana* selection identified as 8IM751-2, not patented, as the
male, or pollen parent. The cultivar 'Boddblog' was dis-
covered and selected by the Inventor as a flowering plant
within the progeny of the stated cross in a controlled
environment in Lompoc, Calif.

Asexual reproduction of the new cultivar by terminal
cuttings taken at Lompoc, Calif. since May, 1999, 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 'Bod-
dblog'. These characteristics in combination distinguish
'Boddblog' as a new and distinct cultivar:

1. Compact, mounded and outwardly spreading plant habit.
2. Freely branching habit.
3. Dark green leaves; densely foliated.
4. Large scarlet orange-colored flowers.
5. Fully double flower form.
6. Freely flowering habit.
7. Flowers positioned above the foliage.

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Plants of the new Impatiens differ primarily from plants of
the female parent in flower form as plants of the female
parent have semi-double flowers. Plants of the new Impa-
tiens differ primarily from plants of the male parent in flower
form and flower color as plants of the male parent have
semi-double salmon-colored flowers.

The new Impatiens can be compared to the *Impatiens
walleriana* cultivar 'Balfieorce', disclosed in U.S. Plant Pat.
No. 11,847. However, in side-by-side comparisons con-
ducted in Lompoc, Calif., plants of the new Impatiens differ
from plants of the cultivar 'Balfieorce' in the following
characteristics:

1. Plants of the new Impatiens are more compact than
plants of the cultivar 'Balfieorce'.
2. Plants of the new Impatiens have scarlet orange-colored
flowers whereas plants of the cultivar 'Balfieorce' have
bright orange-colored flowers.

The new Impatiens can be compared to the *Impatiens
walleriana* cultivar 'Salmon Sunrise', disclosed in U.S.
Plant Pat. No. 9,691. However, in side-by-side comparisons
conducted in Lompoc, Calif., plants of the new Impatiens
differ from plants of the cultivar 'Salmon Sunrise' in the
following characteristics:

1. Plants of the new Impatiens are more compact and less
vigorous than plants of the cultivar 'Salmon Sunrise'.
2. Plants of the new Impatiens have broader leaves with
longer petioles than plants of the cultivar 'Salmon
Sunrise'.
3. Plants of the new Impatiens have larger flowers and
more petals per flower than plants of the cultivar
'Salmon Sunrise'.
4. Flower color of plants of the new Impatiens is slightly
darker than flower color of plants of the cultivar
'Salmon Sunrise'.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

The accompanying colored photographs illustrate the
overall appearance of the new cultivar, showing the colors as
true as it is reasonably possible to obtain in colored repro-
ductions 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 on the first sheet comprises a side perspective view of a typical flowering plant of 'Boddblog' grown in a 15-cm container for about 14 weeks.

The photograph at the top of the second sheet comprises a close-up view of typical developing flower buds, upper and lower surfaces of typical flowers, and upper and lower surfaces of typical leaves.

The photograph at the bottom of the second sheet comprises a close-up view of typical developing flower buds, upper and lower surfaces of typical flowers, and upper and lower surfaces of typical leaves of the new *Impatiens* (bottom) and 'Salmon Sunrise' (top).

DETAILED BOTANICAL DESCRIPTION

The cultivar Boddblog has not been observed under all possible environmental conditions. The phenotype may vary somewhat with variations in environment such as temperature, light intensity, water status, and fertilizer rates without, however, any variance in genotype. The following observations, measurements and comparisons describe plants grown in Lompoc, Calif., under commercial practice during the summer and autumn in a polycarbonate-covered greenhouse with day temperatures about 24 to 29° C., night temperatures about 16 to 18° C. and light levels about 4,000 to 8,000 foot-candles. Unrooted cuttings were directly planted in 15-cm containers and grown for about 14 weeks.

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

Botanical classification: *Impatiens walleriana* cultivar 'Boddblog'.

Parentage:

Female parent.—Proprietary *Impatiens walleriana* selection identified as 8IM16-10, not patented.

Male parent.—Proprietary *Impatiens walleriana* selection identified as 8IM751-2, not patented.

Propagation:

Type cutting.—Terminal cuttings.

Time to initiate roots.—About 10 to 14 days at 21° C.

Time to produce a rooted cutting or liner.—About 21 to 28 days at 21° C.

Root description.—Numerous and fine.

Rooting habit.—Freely branching.

Plant description:

General appearance.—Compact, mounded and outwardly spreading. Appropriate for 15-cm and larger containers.

Growth and branching habit.—Moderately vigorous and freely-branching with about 15 lateral branches at the base, dense and bushy growth. Pinching, that is, removal of the terminal apices, enhances branching.

Crop time.—About 8 to 9 weeks are required to produce a finished flowering plant from planting an unrooted cutting in a 15-cm pot.

Plant height.—About 18 cm.

Plant diameter or spread.—About 48 cm.

Lateral branches.—Length: About 22 cm. Diameter: About 7.5 mm. Internode length: About 3.5 cm.

Texture: Smooth. Color: 146C with random flecks of 59B.

Foliage description.—Leaves simple, alternate; generally symmetrical. Quantity: Densely foliated, about 18 leaves per lateral branch. Length: About 5 cm. Width: About 3.4 cm. Shape: Elliptic. Apex: Acute. Base: Attenuate. Margin: Serrulate to crenate. Texture: Glabrous, smooth. Venation pattern: Pinnate, arcuate. Color: Young foliage, upper surface: 146A. Young foliage, lower surface: 147B. Fully expanded foliage, upper surface: 147A. Fully expanded foliage, lower surface: 147B. Venation, upper surface: 147B. Venation, lower surface: 147C to 147D. Petiole: Length: About 3.75 cm. Diameter: About 2 mm. Color: 147D.

Flower description:

Flower type and habit.—Numerous and consistently double salmon 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 25 flowers and flower buds per lateral branch. Flowers positioned above the foliage and typically face outward. Flowers last about 5 to 7 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 4.25 cm. Depth: About 2.5 cm.

Flower buds.—Rate of opening, from showing color to fully open flower: About 2 to 3 days. Length, at stage of showing color: About 1.3 cm. Diameter, at stage of showing color: About 9 mm. Shape: Ovoid. Color: 37B.

Petals.—Quantity/arrangement: About 48 per flower; imbricate. Length: About 2.3 cm. Width: About 2 cm. Shape: Oval to roughly cordate. Apex: Emarginate. Base: Acute. Margin: Entire. Texture: Velvety. Color: When opening, upper surface: 43A, iridescent. When opening, lower surface: 43B to 43C. Fully opened, upper surface: 43A, iridescent; becoming purple, 58B, with subsequent development. Fully opened, lower surface: 43C to 43D.

Sepals.—Quantity/arrangement: Five in a single whorl; one modified into an elongated spur. Calyx length: About 1.2 cm. Calyx diameter: About 1 cm. Shape: Elliptic. Apex: Acute. Margin: Entire. Texture: Smooth. Color: Upper surface: 145D. Lower surface: 145C with stripes, 144B, at midsection; shiny.

Peduncles.—Length: About 4.75 cm. Angle: About 45° to the lateral branch. Strength: Moderately strong. Color: 148B.

Reproductive organs.—None observed.

Seed.—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 'Boddblog', as illustrated and described.

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