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Heffner

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(54) **DOUBLE IMPATIENS PLANT NAMED
‘BODDBLPIN’**

(75) Inventor: **Michael R. Heffner**, Santa Barbara, CA
(US)

(73) Assignee: **John Bodger & Sons Co.**, South El
Monte, CA (US)

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patent is extended or adjusted under 35
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Primary Examiner—Bruce R. Campell
Assistant Examiner—Kent L. Bell

(74) *Attorney, Agent, or Firm*—C. A. Whealy

(57) **ABSTRACT**

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

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
‘Boddblpin’.

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 wal-
leriana* selection identified as 8IM10-14, not patented, as the
female, or seed parent, with a proprietary *Impatiens walle-
riana* selection identified as 8IM746-3, not patented, as the
male, or pollen parent. The cultivar ‘Boddblpin’ 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-
dblpin’. These characteristics in combination distinguish
‘Boddblpin’ 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 dark pink-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 and flower color as plants
of the female parent have semi-double orange-colored flow-
ers. Plants of the new Impatiens differ primarily from plants
of the male parent in flower form as plants of the male parent
have semi-double flowers.

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 con-
ducted in Lompoc, Calif., plants of the new Impatiens differ
from plants of the cultivar ‘Pink Ruffle’ in the following
characteristics:

1. Plants of the new Impatiens are more compact and
more outwardly spreading than plants of the cultivar
‘Pink Ruffle’.
2. Plants of the new Impatiens are more freely branching
than plants of the cultivar ‘Pink Ruffle’.
3. Plants of the new Impatiens have larger leaves and
longer petioles than plants of the cultivar ‘Pink Ruffle’.
4. Flower color of plants of the new Impatiens is darker
than flower color of plants of the cultivar ‘Pink Ruffle’.

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 per-
spective view of a typical flowering plant of ‘Boddblpin’
grown in a 15-cm container for about 14 weeks.

The photograph on 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.

DETAILED BOTANICAL DESCRIPTION

The cultivar ‘Boddblpin’ 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 'Boddblpin'.

Parentage:

Female parent.—Proprietary *Impatiens walleriana* selection identified as 8IM10-14, not patented.

Male parent.—Proprietary *Impatiens walleriana* selection identified as 8IM746-3, 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.—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 16 cm.

Plant diameter or spread.—About 53 cm.

Lateral branches.—Length: About 22 cm. Diameter: About 8.5 mm. Internode length: About 3.5 cm. Texture: Smooth. Color: 146C.

Foliage description.—Leaves simple, alternate; generally symmetrical. Quantity: Densely foliated, about 17 leaves per lateral branch. Length: About 6.5 cm. Width: About 4 cm. Shape: Elliptic. Apex: Acute. Base: Attenuate. Margin: Serrulate to crenate. Texture: Glabrous, smooth. Venation pattern: Pinnate, arcuate. Color: Young and fully expanded foliage, upper surface: 147A. Young and fully expanded

foliage, lower surface: 147B. Venation, upper surface: 147B. Venation, lower surface: 147C. Petiole: Length: About 3.25 cm. Diameter: About 3 mm. Color: 147D.

Flower description:

Flower type and habit.—Numerous and consistently double dark pink-colored flowers. Freely and continuously flowering. Flower buds open similar to a rose in fullness; flowers rounded. Flowers arise from leaf axils. Usually about 23 flowers and flower buds per lateral branch. Flowers positioned above the foliage and typically face upward or 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 cm. Depth: About 1.7 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 1.4 cm. Diameter, at stage of showing color: About 9 mm. Shape: Ovoid. Color: 73D.

Petals.—Quantity/arrangement: About 28 per flower; imbricate. Length: About 2.5 cm. Width: About 2 cm. Shape: Cordate. Apex: Emarginate. Base: Acute. Margin: Entire. Texture: Velvety. Color: When opening, upper surface: 73A; towards base, 57B, iridescent. When opening, lower surface: 73D. Fully opened, upper surface: 73A to 73B; towards base, 74B; slightly iridescent; fading to 75B with subsequent development. Fully opened, lower surface: 75D.

Sepals.—Quantity/arrangement: Five in a single whorl; one modified into an elongated spur. Calyx length: About 1.2 cm. Calyx diameter: About 9 mm. Shape: Elliptic. Apex: Broadly acute. Margin: Entire. Texture: Smooth. Color: Upper surface: 145D. Lower surface: 145C with stripes, 145B, at mid-section; shiny.

Peduncles.—Length: About 4 cm. Angle: About 45° to the lateral branch. Strength: Moderately strong. Color: 146D.

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 'Boddblpin', as illustrated and described.

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