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

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

OTHER PUBLICATIONS

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(US)

UPOV ROM GTITM Computer Database, GTI JOUVE  
retrieval software, citation for 'Balolestop' 2002/02.\*

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\* cited by examiner

(\* ) 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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(21) Appl. No.: **10/115,051**

(57) **ABSTRACT**

(22) Filed: **Apr. 1, 2002**

A new and distinct cultivar of Double Impatiens plant named  
'Balolestop', characterized by its compact, upright, out-  
wardly spreading and mounded plant habit; freely branching  
growth habit; dark green-colored leaves; freely flowering  
habit; and red purple and white bi-colored flowers that are  
fully double and positioned above the foliage.

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

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

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

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,986,188 A \* 11/1999 Leue ..... 800/323

**1 Drawing Sheet**

**1**

**2**

**BOTANICAL CLASSIFICATION/CULTIVAR  
DESIGNATION**

*Impatiens walleriana* cultivar Balolestop.

**SUMMARY OF THE INVENTION**

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

**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  
'Balolestop'.

1. Compact, upright, outwardly spreading and mounded  
plant habit.
2. Freely branching growth habit.
3. Dark green-colored leaves.
4. Freely flowering habit.
5. Red purple and white bi-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 January, 2000, of a proprietary *Impatiens wal-  
leriana* selection identified as 3180C-1, not patented, as the  
female, or seed parent, with a proprietary *Impatiens walle-  
riana* selection identified as 3154-1-3, not patented, as the  
male, or pollen parent. The cultivar Balolestop was discov-  
ered 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 Stardust Lavender, disclosed in U.S. Pat.  
No. 5,986,188. However, in side-by-side comparisons con-  
ducted in West Chicago, Ill., plants of the new Impatiens  
differed from plants of the cultivar Stardust Lavender in the  
following characteristics:

1. Plants of the new Impatiens had longer branches with  
longer internodes than plants of the cultivar Stardust Lav-  
ender.
2. Plants of the new Impatiens were more freely flowering  
than plants of the cultivar Stardust Lavender.
3. Plants of the new Impatiens had fewer petals per flower  
than plants of the cultivar Stardust Lavender.
4. Flower color of plants of the new Impatiens was red  
purple and white bi-colored whereas flower color of plants  
of the cultivar Stardust Lavender was purple and white  
bi-colored.

Asexual reproduction of the new cultivar by terminal  
cuttings taken at Elburn, Ill. since February, 2000, 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 'Balolestop' grown in a container.

## DETAILED BOTANICAL DESCRIPTION

The cultivar Balolestop 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 Balolestop.

Parentage:

*Female parent.*—Proprietary *Impatiens walleriana* selection identified as 3180C-1, not patented.

*Male parent.*—Proprietary *Impatiens walleriana* selection identified as 3154-1-3, 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 14.9 cm.

*Plant diameter or spread.*—About 26.2 cm.

*Lateral branches.*—Length: About 14.9 cm. Diameter: About 9 mm. Internode length: About 2.4 cm. Texture: Smooth, glabrous. Color: 146C.

*Foliage description.*—Arrangement: Opposite, simple. Length: About 4.8 cm. Width: About 2.8 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: Between 146A and 147A. Young and fully expanded foliage, lower surface: Between 146B and 147B. Venation, upper and lower surfaces: 146B. Petiole: Length: About 1.3 cm. Diameter: About 1.9 mm. Texture, upper and lower surfaces: Smooth, glabrous. Color: 146D.

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 nine 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 1.4 cm.

*Flower buds (at stage of showing color).*—Length: About 1.2 cm. Diameter: About 8 mm. Shape: Ovoid. Color: 68B.

*Petals.*—Quantity/arrangement: About 17 per flower; imbricate. Length, largest petals: About 2 cm. Width, largest petals: About 1.5 cm. Shape: Obovate. Apex: Emarginate. Base: Truncate to attenuate. Margin: Entire. Texture, upper and lower surfaces: Velvety, smooth. Color: When opening, upper surface: 67B. When opening, lower surface: 54B. Fully opened, upper surface: Between 66B and 67B; overlain with white, 155D, spots and speckles; towards the base, 155D; main color becoming closer to 67C with subsequent development. Fully opened, lower surface: 54B; overlain with white, 155D, spots and speckles; towards the base, 155D.

*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 3 cm. Spur color: 150C; towards the apex, 181B.

*Peduncles.*—Length: About 2 cm. Diameter: About 1.25 mm. Angle: Acute. Strength: Strong. Color: Close to 146C.

*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 'Balolestop', as illustrated and described.

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