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Danziger

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(54) **MINI *IMPATIENS* PLANT NAMED
'IMMIPINK'**

(50) Latin Name: ***Impatiens walleriana***
Varietal Denomination: **Immipink**

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(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
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(58) **Field of Classification Search** **Plt./317**
See application file for complete search history.

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(57) **ABSTRACT**

A new and distinct cultivar of mini *Impatiens* plant charac-
terized by its small rose flowers, freely flowering habit, dark
green foliage, and bushy shaped growth habit with excellent
basal branching.

1 Drawing Sheet

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Latin name of the genus and species of the plant claimed:
Impatiens walleriana.
Varietal denomination: 'Immipink'.

BACKGROUND OF THE NEW PLANT

The present invention comprises a new and distinct mini
Impatiens plant botanically known as *Impatiens walleriana*
and referred to by the cultivar name 'Immipink.'

The new cultivar was developed in a controlled breeding
program in Beit Dagan, Israel. The new mini *Impatiens*
cultivar is characterized by small rose flowers, freely flow-
ering habit, dark green foliage, and bushy shaped growth
habit with excellent basal branching.

The new cultivar is propagated from cuttings resulting
from the cross in March 1998 of the proprietary mini
Impatiens selection identified as 'FRA 301' as female parent
and the proprietary mini *Impatiens* selection identified as
'BGA 310' as male parent. 'FRA 301' is not commercially
available and has not been patented. 'BGA 310' is not
commercially available and has not been patented.

As a result of this cross the present cultivar was selected
in February 1999 in Beit Dagan, Israel and has been repeat-
edly asexually reproduced by cuttings over a period of
several years. The distinctive characteristics of this new mini
Impatiens are stable and reproduced true to type in succes-
sive generations of asexual reproduction. It takes 6 to 8
weeks to produce a finished plant, starting from a rooted
plug and planted in a 10 cm pot, depending on the tempera-
ture.

SUMMARY OF THE INVENTION

The following traits have been repeatedly observed and
are determined to be the unique characteristics of 'Immi-
pink.' These characteristics in combination distinguish
'Immipink' as a new and distinct mini *Impatiens* cultivar:

1. Small rose flowers
2. Bushy shaped growth habit with many flowers on top
of the foilage
3. Dark green foilage
4. Excellent basal branching

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Plants of the new mini *Impatiens* differ primarily from the
plants of the female parent selection in the following char-
acteristics:

Plants of the new mini *Impatiens* have small rose flowers,
whereas the plants of the female have small pink flowers.

Plants of the new mini *Impatiens* differ primarily from the
plants of the male parent selection in the following charac-
teristics:

Plants of the mini *Impatiens* have small rose flowers,
whereas the plants of the male have larger, pink flowers.

Plants of the new mini *Impatiens* can be compared to
plants of 'Fify lav,' disclosed in U.S. Plant Pat. No. 11,821.
In side-by-side comparisons in Enkhuizen, Netherlands, the
plants of the new mini *Impatiens* differed from plants of the
cultivar 'Fify lav' in the following characteristics:

1. Plants of the new mini *Impatiens* have dark green
leaves, whereas plants of the cultivar 'Fify lav' have
green leaves
2. Plants of the new mini *Impatiens* have rose flowers,
whereas the cultivar 'Fify lav' has lavender flowers.

DESCRIPTION OF THE DRAWING

This new mini *Impatiens* plant is illustrated by the accom-
panying photographic drawing which shows blooms, buds
and foliage of the plant in full color, the color showing being
as true as can be reasonably obtained by conventional
photographic procedures.

DESCRIPTION OF THE NEW CULTIVAR

The following detailed descriptions set forth the distinc-
tive characteristics of this new mini *Impatiens*. The data
which defines these characteristics were collected from
asexual reproductions carried out in Enkhuizen, Nether-
lands. The plant history was taken on 20 week old plants,
blossomed under natural light in the field.

Color readings were taken in the laboratory under ambient
light. Color references are primarily to The R.H.S. Colour
Chart of The Royal Horticultural Society of London.

The plant:

Classification.—Botanical: *Impatiens walleriana*.

Parentage:

Female parent.—Proprietary *Impatiens walleriana* selection identified as code number ‘FRA 301,’ not patented.

Male parent.—Proprietary *Impatiens walleriana* selection identified as code number ‘BGA 310,’ not patented.

Propagation:

Type cutting.—Terminal cuttings.

Time to initiate roots.—About 10–21 days at 22–23 degrees C.

Time to produce a rooted cutting.—About 28 days at 16–24 degrees C.

Root description.—Fine, fibrous, and white in color.

Plant description:

General appearance.—Compact, upright, outwardly spreading and mounded plant habit.

Growth and branching habit.—Moderately vigorous and freely branching growth habit lateral branches potentially forming at every node, dense and bushy shaped growth habit. Pinching enhances branching.

Plant height.—About 18 cm.

Plant diameter or spread.—About 38 cm.

Lateral branch description:

Length.—About 15 cm.

Diameter.—About 8 mm.

Internode length.—About 4–20 mm.

Texture.—Smooth, glabrous.

Color.—RHS 146A Yellow-green with anthocyanic spots RHS 61A Red-purple.

Foliage description:

Arrangement.—Alternate, simple.

Length.—About 4 cm.

Width.—About 2.3 cm.

Shape.—Elliptical.

Apex.—Acuminate.

Base.—Attenuate.

Margin.—Slightly crenate with minute ciliation.

Texture, upper and lower surfaces.—Smooth, glabrous.

Venation pattern.—Pinnate.

Color.—Developing and fully expanded foliage, Upper surface: RHS 139A Green. Developing and fully expanded foliage, Lower surface: RHS 147C Yellow-green.

Venation, upper and lower surfaces.—RHS 147B Yellow-green.

Petiole:

Length.—About 2 cm.

Diameter.—About 2 mm.

Texture, upper and lower surfaces.—Smooth, glabrous.

Color.—RHS 148B Yellow-green.

Flower description:

Flower type and habit.—Numerous small single flowers.

Flowers arise from leaf axils.—Freely flowering, usually about 40 flowers and flower buds per lateral branch.

Flower position.—Above the foliage and typically face upright or outward.

Flowers lasting.—About 5–7 days on the plant under greenhouse conditions.

Flowers.—Persistent and not fragrant.

Flowering season.—Continuous through the spring and summer.

Height.—About 3 cm.

Diameter.—About 2.5 cm.

Depth.—About 7 mm.

Flower buds:

Length.—About 8 mm.

Diameter.—About 5 mm.

Shape.—Ovoid.

Color.—RHS 146C Yellow-green with RHS N57B Red-purple.

Petals:

Quantity/arrangement.—Five per flower in a single whorl.

Length, banner petal.—About 1 cm.

Length, lateral petals.—About 1 cm.

Length, basal petals.—About 1 cm.

Width, banner petal.—About 1.2 cm.

Width, lateral petals.—About 8 mm.

Width, basal petals.—About 9 mm.

Shape.—Obovate to ovate.

Apex.—Rounded or slightly emarginate.

Base.—Attenuate.

Margin.—Entire.

Texture, upper and lower surfaces.—Smooth, glabrous.

Color.—When opening, upper surface: RHS N57A Red-purple. When opening, lower surface: RHS 64C Red-purple. Fully opened, banner petal, upper surface: RHS N57A Red-purple. Fully opened, lateral petals, upper surface: RHS N57A Red-purple. Fully opened, basal petals, upper surface: RHS N57A Red-purple. Fully opened, lower surface: RHS 64A Red-purple.

Sepals:

Quantity/arrangement.—Five in a single whorl, one modified into an elongated spur.

Sepal length.—About 4 mm.

Sepal diameter.—About 2 mm.

Shape.—Ovate.

Apex.—Acute.

Margin.—Entire.

Texture, upper and lower surfaces.—Smooth, glabrous.

Color, upper and lower surfaces.—RHS 146B Yellow-green.

Spur length.—About 2 cm.

Spur diameter.—At flower, about 3 mm, at apex, less than 1 mm.

Spur color.—RHS N66C Red-purple at flower, at apex RHS 64A Red-purple.

Peduncles:

Length.—About 1.2 cm.

Diameter.—About 1 mm.

Angle.—About 45° from vertical.

Strength.—Strong.

Texture.—Smooth, glabrous.

Color.—RHS 146B Yellow-green.

Reproductive organs:

Stamens.—Quantity: Five fused around stigma.

Anther length.—About 32 mm.

Anther color.—RHS 64A Red-purple.

Pollen amount.—None observed.

Pistils.—Quantity per flower: One.

Pistil length.—About 3 mm.

Stigma shape.—Rounded.

Stigma color.—RHS 64B Red-purple.

Style color.—RHS 146A Yellow-green.

Ovary color.—RHS 146A Yellow-green.

Seed/fruit.—Seed and fruit production has not been observed.

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

What is claimed is:

1. A new and distinct cultivar of mini *Impatiens* plant named ‘Immipink’, as substantially illustrated and described herein.

