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(54) **NEW GUINEA IMPATIENS PLANT NAMED  
'TAMAR FUCHSIA'**

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patent is extended or adjusted under 35  
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(57) **ABSTRACT**

A new and distinct cultivar of New Guinea Impatiens plant  
named 'Tamar Fuchsia', characterized by its large, red  
purple-colored flowers; freely flowering habit with flowers  
positioned above or beyond the foliage; upright, somewhat  
outwardly spreading, rounded, uniform and compact plant  
habit; freely branching growth habit; and very dark green  
leaves.

**1 Drawing Sheet**

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**BACKGROUND OF THE INVENTION**

The present Invention relates to a new and distinct culti-  
var of New Guinea Impatiens plant, botanically known as  
*Impatiens hawkeri*, and hereinafter referred to by the cultivar  
name Tamar Fuchsia.

The new Impatiens is a product of a planned breeding  
program Inventor in Maasland, The Netherlands. The objec-  
tive of the breeding program is to develop new Impatiens  
cultivars with uniform plant habit and attractive flower and  
foliage colors.

The new Impatiens originated from a cross made by the  
Inventor in 1994 of the *Impatiens hawkeri* cultivar Grenada,  
disclosed in U.S. Plant Pat. No. 9,343, as the male, or pollen  
parent, with the *Impatiens hawkeri* cultivar Aruba, disclosed  
in U.S. Plant Pat. No. 8,456, as the female, or seed parent.  
The cultivar Tamar Fuchsia was discovered and selected by  
the Inventor as a flowering plant within the progeny of the  
stated cross in a controlled environment in Maasland, The  
Netherland in 1995.

Asexual reproduction of the new cultivar by terminal  
cuttings taken at Maasland, The Netherlands, has shown that  
the unique features of this new Impatiens are stable and  
reproduced true to type in successive generations.

**SUMMARY OF THE INVENTION**

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

1. Large red purple-colored flowers.
2. Freely flowering habit with flowers positioned above or  
beyond the foliage.
3. Upright, somewhat outwardly spreading, rounded, uni-  
form and compact plant habit.
4. Freely branching growth habit.
5. Very dark green leaves.

In side-by-side comparisons conducted by the Inventor in  
Maasland, The Netherlands, plants of the new Impatiens  
differ primarily from plants of the male parent, the cultivar

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Grenada, in flower color as flower color of plants of the  
cultivar Grenada is salmon pink.

In side-by-side comparisons conducted by the Inventor in  
Maasland, The Netherlands, plants of the new Impatiens  
differ from plants of the female parent, the cultivar Aruba, in  
the following characteristics:

1. Plants of the new Impatiens are more compact than  
plants of the cultivar Aruba.
2. Plants of the new Impatiens have larger flowers than  
plants of the cultivar Aruba.
3. Flower color of plants of the new Impatiens is more red,  
or less blue, than flower color of plants of the cultivar Aruba.

**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 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 actual colors of  
the new Impatiens. The photograph comprises a top per-  
spective view of a typical flowering plant of 'Tamar Fuchsia'  
grown in a 12.5-cm container.

**DETAILED BOTANICAL DESCRIPTION**

The cultivar Tamar Fuchsia 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 fertility level,  
without, however, any variance in genotype. The following  
observations and measurements describe plants grown in  
Maasland, The Netherlands, during the early autumn, under  
commercial practice in a glass-covered greenhouse. Plants  
used in the following description were about 10 to 12 weeks  
old from planting rooting cuttings and grown in 12.5-cm  
containers with one plant per container.

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 hawkeri* cultivar Tamar Fuchsia.

Commercial classification: New Guinea *Impatiens* cultivar Tamar Fuchsia.

Parentage:

*Male parent.*—*Impatiens hawkeri* cultivar Grenada, disclosed in U.S. Plant Pat. No. 9,343.

*Female parent.*—*Impatiens hawkeri* cultivar Aruba, disclosed in U.S. Plant Pat. No. 8,456.

Propagation:

*Type cutting.*—Terminal cuttings.

*Time to initiate roots.*—Summer: About 5 to 7 days at 19 to 20° C. Winter: About 6 to 8 days at 19 to 20° C.

*Time to produce a rooted cutting or liner.*—Summer: About 14 to 19 days at 19 to 20° C. Winter: About 14 to 21 days at 19 to 20° C.

*Root description.*—Numerous, fibrous, and freely branching.

Plant description:

*General appearance.*—Upright, somewhat outwardly spreading, rounded, uniform and compact plant habit. Appropriate for 10 to 25-cm containers; multiple plants are typically planted in larger containers.

*Growth and branching habit.*—Freely branching with about 8 lateral branches at the base. Pinching, that is, removal of the terminal apices, is typically not required. Moderately vigorous.

*Crop time.*—From a rooted cutting, about 10 to 12 weeks are required to produce finished flowering plants in 12.5-cm containers.

*Plant height.*—About 17.4 cm.

*Plant diameter.*—About 35.3 cm.

*Lateral branches.*—Length: About 14.5 cm. Diameter: About 9 mm. Internode length (lower internodes): About 4.3 cm. Color: Close to 59A.

*Foliage description.*—Arrangement: Opposite or whorled. Length: About 9.5 cm. Width: About 3.7 cm. Shape: Elliptic. Apex: Acute to acuminate. Base: Attenuate. Margin: Serrulate with ciliation. Texture: Leathery; glabrous. Aspect: Somewhat arching. Color: Young foliage, upper surface: Much darker than 147A. Young foliage, lower surface: Close to 187A. Fully expanded foliage, upper surface: Much darker than 147A. Fully expanded foliage, lower surface: Close to 183A. Midvein, upper surface: 53A. Midvein, lower surface: Close to 59A. Petiole: Length: About 2.8 cm. Diameter: About 3 mm. Color: 53A.

Flower description:

*Flower type and flowering habit.*—Single red purple-colored flowers. Freely flowering, usually about 9 flowers and flower buds per lateral branch. Flowers

positioned above and beyond the foliage and typically face upward or outward. Flowers cupped when opening then mostly flat when opened. Flowers roughly orbicular in shape. Flowers last about 7 to 14 days on the plant depending on temperature and weather conditions. Petals self-cleaning; gynoecium persistent. Flowers not fragrant.

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

*Flower length.*—About 6.6 cm.

*Flower width.*—About 6.3 cm.

*Flower depth.*—About 9 mm.

*Flower buds (just before opening).*—Rate of opening: From showing color to fully open flower, typically about 2 to 3 days depending on temperature. Length: About 1.7 cm. Diameter: About 1.2 cm. Shape: Ovoid. Color: 67A to 67B.

*Petals.*—Quantity: Single, five per flower. Length: Banner petal: About 2.9 cm. Lateral petals: About 3.3 cm. Base petals: About 3.6 cm. Width: Banner petal: About 3.4 cm. Lateral petals: About 2.9 cm. Base petals: About 3.3 cm. Shape: Roughly cordate. Apex: Emarginate. Base: Attenuate. Margin: Entire. Texture: Smooth, velvety. Color: When opening, upper surface: 67A to 67B. When opening, lower surface: 67B to 67C. Fully opened, upper surface: 67A to 67B to 64B; color fading to 64C with subsequent development. Fully opened, lower surface: 67B to 67C.

*Spur.*—Length: About 4.9 cm. Diameter: About 2 mm at flower; apex, about 1 mm. Color: Proximally, 59D; distally, 59A.

*Peduncles.*—Length: about 4.8 cm. Diameter: About 2 mm. Strength: Strong, flexible. Aspect: Mostly upright. Color: Translucent light whitish green with reddish, 59A, overtones.

*Reproductive organs.*—Androecium: Stamen number: Five fused at anthers, filaments free. Anther shape: Obovate. Anther size: About 5 mm by 2.25 mm. Anther color: Apex, 11D; base, close to 53A. Amount of pollen: Moderate. Pollen color: 11C. Gynoecium: Pistil length: About 3.75 mm. Stigma color: 11C. Style color: 144C. Ovary color: 144C.

*Seed development.*—Seed development has not been observed.

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

It is claimed:

1. A new and distinct cultivar of New Guinea *Impatiens* plant named 'Tamar Fuchsia', as illustrated and described.

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