



US00PP18260P2

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

(10) **Patent No.:** **US PP18,260 P2**
(45) **Date of Patent:** **Nov. 27, 2007**

(54) **NEW GUINEA *IMPATIENS* PLANT NAMED**
'GRUNEU 25'

(51) **Int. Cl.**
A01H 5/00 (2006.01)

(50) Latin Name: ***Impatiens hawkeri***
Varietal Denomination: **GrüNeu 25**

(52) **U.S. Cl.** **Plt./318**

(58) **Field of Classification Search** **Plt./318**
See application file for complete search history.

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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 0 days.

(57) **ABSTRACT**

'GrüNeu 25' is a new variety of New Guinea *Impatiens* that
exhibits large, salmon-rose colored flowers.

(21) Appl. No.: **11/480,099**

(22) Filed: **Jun. 30, 2006**

1 Drawing Sheet

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Botanical classification: *Impatiens hawkeri*.
Varietal denomination: 'GrüNeu 25'.

BACKGROUND OF THE INVENTION

The present invention comprises a new and distinct cul-
tivar of *Impatiens hawkeri* known by the varietal name
'GrüNeu 25'. The new variety was discovered in The
Netherlands. The new variety is a result of cross breeding
Seedling #2-15 (female parent) (unpatented) and Seedling
#2-07 (male parent) (unpatented). The purpose of the breed-
ing program was to develop a cultivar that exhibited large
flowers. The new variety is similar in growth habit to its
parents, but differs in flower color, size and quantity. The
new variety was first asexually reproduced by vegetative
propagation by cutting in The Netherlands. The new variety
has been trial and field tested and has been found to retain
its distinctive characteristics and remain true to type through
successive asexual propagations. Characteristics that distin-
guish the new variety from others known to the breeder
include:

- Flower color;
- Flower size;
- Growing habit; and
- Flower quantity.

The new variety was grown in a 11–19 cm container in
The Netherlands. The new variety initiates roots in 8 days at
16° C. A rooted plant is produced in 21 days at an average
temperature of 16–21° C. Its rooting habit is round and
freely branching.

DESCRIPTION OF THE DRAWING

The accompanying photographic drawing illustrates the
new variety, with the color being as nearly true as is possible
with color illustrations of this type.

DESCRIPTION OF THE PLANT

The following detailed description sets forth the charac-
teristics of the new cultivar. The data which defines these
characteristics were collected by asexual reproductions car-
ried out in The Netherlands. The color readings were taken

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indoors in a greenhouse on a sunny day. The new variety was
sixteen weeks old from rooting and fully flowering when
described. Color references are primarily to The R.H.S.
Colour Chart of The Royal Horticultural Society of London
(2001).

PLANT

Form: Free and symmetrical.
Height (from soil to top of flowers): 12–16.5 cm.
Plant diameter: 20–25 cm.
Vigor: Upright.
Branching habit: Free.
Lateral branches:
Color.—59B.
Texture.—Smooth.
Length.—9–12 cm.
Diameter.—6–10 mm.
Internode length.—1.2–1.8 cm.
Strength.—Strong.
Quantity.—12–14.
Foliage:
Arrangement.—Primarily in whorls.
Number of leaves per stem.—10–12.
Size of leaf.—Length: 6.8 cm. Width: 2.8 cm.
Shape of leaf (generally).—Lanceolate.
Shape of apex.—Caudate and acuminate.
Shape of base.—Acute.
Texture.—Smooth and rough.
Aspect.—Upward and outward.
Margin type.—Slightly serrated.
Fragrance.—None.
Color.—Young leaves: Upper surface: 139A. Lower
surface: 185A. Mature leaves: Upper surface: 139A.
Lower surface: 185A.
Petiole.—Length: Young: 5–6 mm. Mature: 10–20 mm.
Diameter: Young: 1–2 mm. Mature: 2–3 mm. Color:
59B. Texture: Glabrous.
Veins.—Color: Upper surface: 59B. Lower surface:
59A.

FLOWER

Natural flowering season at specified locations: Usually
from March to October, depending on light intensity.

Flower type and habit: Single.
 Number of flowers per plant: 18.
 Fragrance: None.
 Flower height: 8 mm.
 Flower diameter: 65 mm.
 Bud:
 Shape.—Ovoid.
 Diameter.—10 mm.
 Length.—16 mm.
 Color.—46A.
 Petals:
 Arrangement.—Whorl.
 Quantity.—5.
 Length.—Banner petal: 27 mm. Lateral: 28 mm. Base: 28 mm.
 Width.—Banner petal: 55 mm. Lateral: 45 mm. Base: 45 mm.
 Shape.—Cordate.
 Apex.—Rotundate.
 Base.—Cuneate.
 Margin.—Entire.
 Texture.—Smooth and glabrous.
 Color.—When opening: Banner petal: Upper surface: 52A with 53C in the middle. Lower surface: 52A with 53C in the middle. Lateral and base petals: Upper surface: 47C. Lower surface: 52B. Fully opened: Banner petals: Upper surface: 52A with 53C in the middle. Lower surface: 52A with 53C in the middle. Lateral and base petals: Upper surface: 47C. Lower surface: 52B.
 Spur:
 Quantity.—1.
 Length.—50 mm.
 Diameter at apex.—0.5–1 mm.

Diameter at flower.—2 mm.
Aspect.—Round.
Color.—59A/B.
 Peduncles:
 Length.—2.8–3.8 cm.
 Diameter.—2.8 mm.
 Color.—60A.
 Texture.—Glabrous.
 Orientation.—Upright.
 Strength.—Average.
 Weather tolerance: +5–+45° C.
 Lasting quality:
 On plant.—3–4 days.
 Of cut flowers.—1–2 days.
 Seed production and description: Not applicable.
 Fruit production and description: Not applicable.

REPRODUCTIVE ORGANS

Stamens:
 Number (per flower).—1.
 Filament length.—6–8 mm.
 Anthers.—Shape: Round. Length: 3–4 mm. Color: 58A.
 Pollen.—Color: 69A/B. Amount: Average.
 Pistils:
 Length.—6–7 mm.
 Styles.—Length: 1–2 mm. Color: 60B/C.
 Stigma.—Shape: Round. Color: 60C. Ovary color: 60A.
 I claim:
 1. A new and distinct variety of New Guinea *impatiens* plant named 'GrüNeu 25' as is herein described and illustrated.

* * * * *

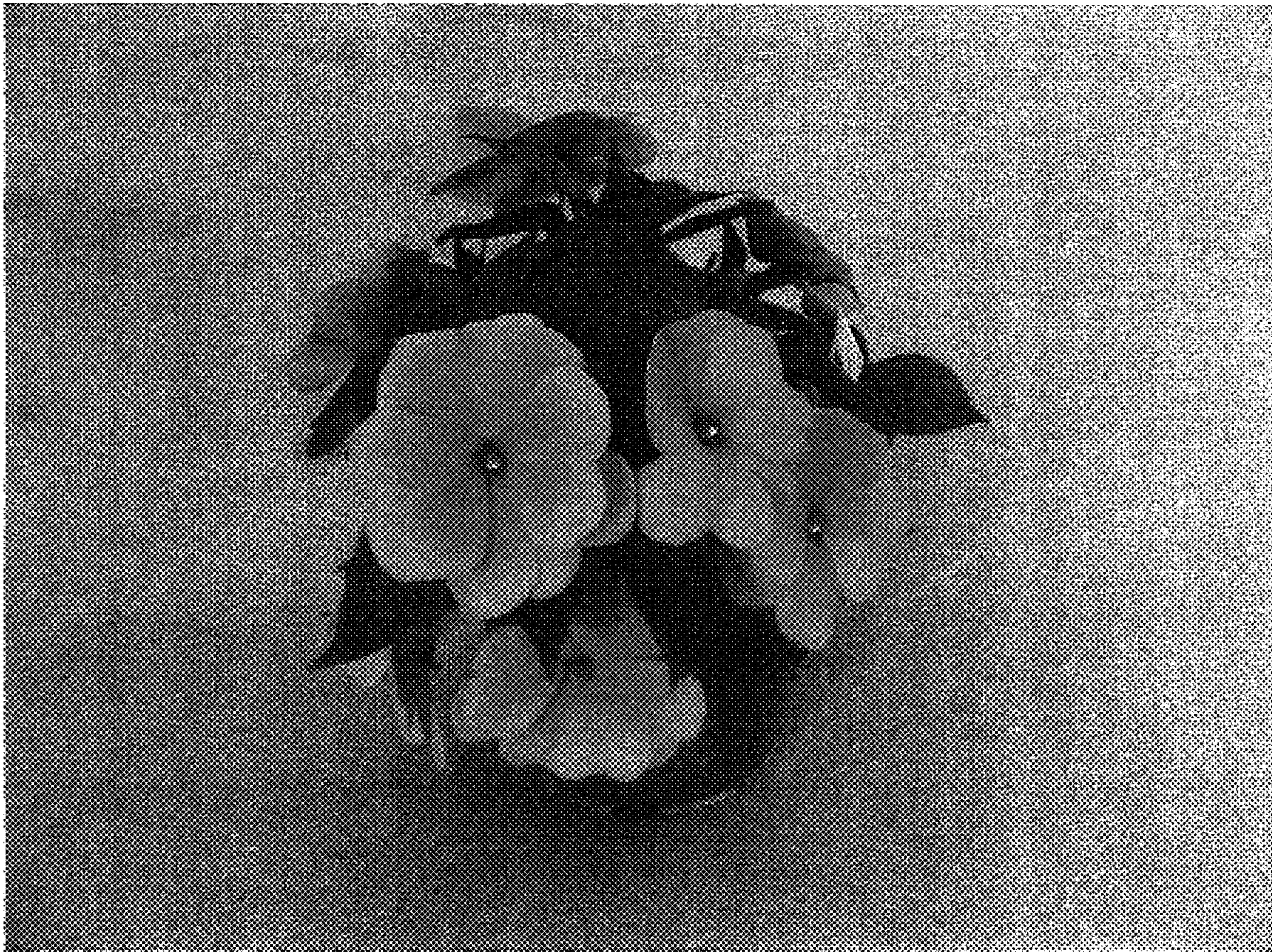


Fig. 1

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : PP 18,260 P2
APPLICATION NO. : 11/480099
DATED : November 27, 2007
INVENTOR(S) : Ralf Schröder

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page, Item (12) under United States Patent, delete "Schröder" and insert -- Schröder --.

Title Page, Item (75) Inventor, "Ralf Schröder" should read -- Ralf Schröder --

Signed and Sealed this

Tenth Day of June, 2008

A handwritten signature in black ink that reads "Jon W. Dudas". The signature is written in a cursive style with a large, looped initial "J".

JON W. DUDAS

Director of the United States Patent and Trademark Office