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(12)

United States Plant Patent  
Oud

(10)

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(45)

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(54) PETUNIA PLANT NAMED ‘PETPIBLO ’

(50) Latin Name: *Petunia hybrida*  
Varietal Denomination: **Petpiblo**

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(73) Assignee: **Syngenta Seeds B.V.**, Enkhuizen (NL)

(\*) Notice: Subject to any disclaimer, the term of this  
patent is extended or adjusted under 35  
U.S.C. 154(b) by 0 days.

(21) Appl. No.: **11/639,893**

(22) Filed: **Dec. 15, 2006**

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

(52) **U.S. Cl.** ..... **Plt./356**

(58) **Field of Classification Search** ..... **Plt./356**  
See application file for complete search history.

(56) **References Cited**

PUBLICATIONS

UPOV–ROM GTITM, Plant Variety Database, Mar. 2007,  
GTI Jouve Retrieval Software, citation for petunia  
‘Petpiblo’.\*

\* cited by examiner

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(57) **ABSTRACT**

A new *Petunia* plant particularly distinguished by its  
trailing, outwardly spreading and mounded plant habit,  
freely branching habit, freely flowering habit, single flowers  
that are deep pink in color, and good garden performance.

1 Drawing Sheet

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Latin name of the genus and species of the plant claimed:  
*Petunia hybrida*.  
Varietal denomination: ‘Petpiblo’.

BACKGROUND OF THE NEW PLANT

The present invention relates to a new and distinct cultivar  
of *Petunia* plant botanically known as *Petunia hybrida* and  
referred to by the cultivar name ‘Petpiblo.’

The new *Petunia* is the product of a planned breeding  
program conducted by the inventor in Enkhuizen, Nether-  
lands. The new *Petunia* cultivar is freely flowering with  
trailing and spreading plant habit and attractive leaf and  
flower coloration.

The new *Petunia* originated from a cross-pollination  
made by the inventor in July 2000 of a proprietary selection  
of *Petunia hybrida* identified as code number ‘A0998,’ not  
patented, as the female, or seed parent, with a proprietary  
selection of *Petunia hybrida* identified as code number  
‘Y1414,’ not patented, as the male, or pollen parent. The  
new *Petunia* was selected as a single plant from the resulting  
progeny of the cross-pollination in a controlled environment  
in Enkhuizen, Netherlands in May 2001.

Asexual reproduction of the new cultivar by terminal  
vegetative cuttings since August 2001, in Enkhuizen, Neth-  
erlands has shown that the unique features of this new  
*Petunia* are stable and reproduced true to type in successive  
generations.

SUMMARY OF THE INVENTION

Plants of the cultivar ‘Petpiblo’ have not been observed  
under all possible environmental conditions. The phenotype  
may vary somewhat with variations in environment such as  
temperature, light intensity and daylength without, however,  
any variance in genotype.

The following traits have been repeatedly observed and  
are determined to be the unique characteristics of ‘Petpiblo.’

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These characteristics in combination distinguish ‘Petpiblo’  
as a new and distinct cultivar.

1. Trailing, outwardly spreading and mounded plant habit

2. Freely branching habit

3. Freely flowering habit

4. Single flowers that are deep pink in color.

5. Good garden performance.

In side-by-side comparison conducted in Enkhuizen,  
Netherlands, plants of the new *Petunia* differed from plants  
of the female parent selection in the following characteristic:

1. Plants of the new *Petunia* are slightly mounded  
whereas plants of the female parent selection are very  
flat and trailing.

In side-by-side comparisons conducted in Enkhuizen,  
Netherlands, plants of the new *Petunia* differed from plants  
of the male parent selection in the following characteristics:

1. Plants of the new *Petunia* have deep pink flowers  
whereas flowers of the male parent selection have a  
lighter pink color.

TABLE 1

DIFFERENCES BETWEEN THE NEW CULTIVAR ‘PETPIBLO’ AND A SIMILAR CULTIVAR		
	‘Petpiblo’	Surfinia Baby Pink Morn ‘Sunbapimo’ (Not patented)
Flower color	Rose (deeper) N74B	Pink (cold) N73A
Flower size	5 cm	4.2 cm

DESCRIPTION OF THE DRAWING

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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 colors of the new *Petunia*.

#### DESCRIPTION OF THE NEW CULTIVAR

The observations and measurements describe plants grown in Enkhuizen, The Netherlands, practice circumstances outdoor in window boxes during the Summer with day temperatures ranging from 14 to 30° C., night temperatures ranging from 10 to 20° C. Plants used for the photographs and description were about 10 weeks from planting rooted cuttings.

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.

#### The plant:

*Classification*.—Botanical: *Petunia hybrida*.

#### Parentage:

*Female parent*.—Proprietary selection of *Petunia hybrida* identified as code number 'A0998,' not patented.

*Male parent*.—Proprietary selection of *Petunia hybrida* identified as code number 'Y1414,' not patented.

#### Propagation:

*Type cutting*.—Terminal vegetative cuttings.

*Time to initiate roots*.—Summer and winter. About 12 days at 20° C.

*Time to develop roots, summer*.—About 21 days at 20° C.

*Time to develop roots, winter*.—About 28 days at 16° C.

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

*Rooting habit*.—Freely branching.

#### Plant description:

*Form*.—Annual flowering plant; indeterminate; initially upright, then trailing and outwardly spreading; uniformly mounded plant form. Freely branching habit; about six to eight basal branches each with about six to eight lateral branches. Pinching enhances development of lateral branches.

*Usage*.—Appropriate for hanging baskets, window boxes, patio containers, and landscape applications.

*Plant height*.—About 15 cm.

*Plant diameter (area of spread)*.—About 65 cm.

*Vigour*.—Vigorous; rapid growth rate.

*Lateral branches*.—Length: About 55 cm. Diameter: About 4 mm. Internode length: About 3–4 cm. Texture: Pubescent. Color: 146D.

*Foliage description*.—Arrangement: Alternate before flowering; opposite after flowers develop; simple. Length: About 3.7 cm. Width: About 2.5 cm. Shape: Ovate. Apex: Broadly acute. Base: Attenuate. Margin: Entire. Texture, upper and lower surfaces: Sparsely pubescent; glandular. Venation pattern: Pinnate. Color Developing and fully expanded leaves, upper surface: 144A. Developing and fully expanded leaves, lower surface: 144B. Venation, lower surface: 144C. Petiole length: About 2 mm. Petiole diameter: About 3 mm. Petiole color, upper and lower surfaces: N144D. Petiole texture: Sparsely pubescent.

#### Flower description:

*Flower type and habit*.—Single salver form flowers; flowers face mostly upward and outward; axially. Freely flowering habit, about four open flowers and about three flower buds per lateral branch at a time.

*Natural flowering season*.—Long day responsive; long flowering period, spring until frost in the autumn; flowering continuous during this period. Plants start flowering about eight weeks after planting rooted cuttings. Flowers persistent.

*Flower longevity on the plant*.—About seven to ten days.

*Fragrance*.—Faint, sweet.

*Flower size*.—Diameter: About 5 cm. Tube length: About 2.5 cm. Throat diameter, distal end: About 1 cm. Tube diameter, proximal end: About 2.5 mm.

*Flower buds*.—Length: About 3.5 cm. Diameter: About 7 mm. Shape: Elongated oblong with ruffled apices. Color, basal part: 77A.

*Petals*.—Quantity/arrangement: About five petals fused in a single whorl, funnel form. Length from throat: About 2 cm. Width: About 2.3 cm. Shape: Roughly fan-shaped. Apex: Broadly acute. Margin: Entire, undulate. Texture, upper and lower surfaces: Smooth, velvety. Color When opening, upper surface: N66A, venation 61B. When opening, lower surface: 64B, venation 71A. Fully opened, upper surface: N74B, venation 61B. Fully opened, lower surface: N74B, venation 71A. Flower throat (inside): 157D. Flower tube (outside): 75C. Venation, throat: 58A. Venation, tube: 71A.

*Sepals*.—Arrangement/appearance: Single whorl of five sepals fused at base, star-shaped. Length: About 1.2 cm. Width: About 3 mm. Shape: Ligulate. Apex: Rounded. Margin: Entire. Texture, upper and lower surfaces: Pubescent. Color, upper surface: 144A. Color, lower surface: 144A.

*Peduncles*.—Length: About 1.7 cm. Width: About 1.6 mm. Angle: About 45 to 60° from the stem. Strength: Strong. Texture: Pubescent. Color: 144B.

*Reproductive organs*.—Stamens, quantity per flower: About five. Anther shape: Ovoid. Anther size: About 2 mm by 2.2 mm. Anther color: 158A. Pollen amount: Much. Pollen color: 158A. Pistils, quantity per flower: One. Pistil length: About 2 cm. Style length: About 1.6 cm. Style color: 154B. Stigma shape: Anvil-shaped. Stigma color: 154A. Ovary color: N144C.

*Seed development*: Seed development has not been observed to date.

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

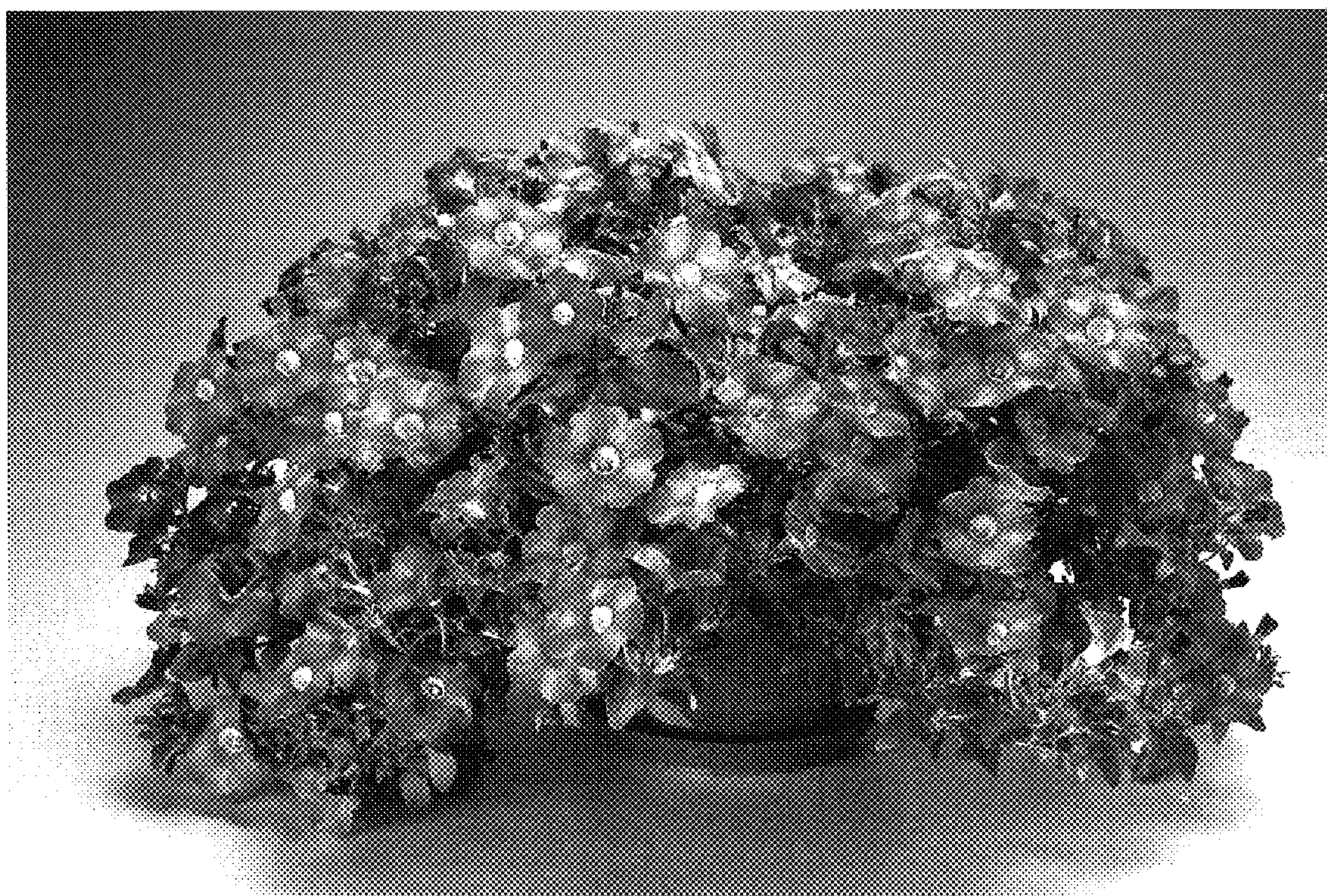
*Garden performance*: Plants of the new *Petunia* have been observed to have good garden performance. Plants of the new *Petunia* have been noted to tolerate rain, wind, and temperatures from 0 to 30° C.

What is claimed is:

1. A new and distinct variety of *Petunia* plant, substantially as illustrated and described herein.

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UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : PP 18,719 P2  
APPLICATION NO. : 11/639893  
DATED : April 8, 2008  
INVENTOR(S) : Johannes Simon Nicolaas Oud

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:

At column 2, line 9, delete “comparison” and insert therefor --comparisons--

At column 4, under “Flower type and habit”, delete “axially” and insert therefor --axillary--

Signed and Sealed this

First Day of July, 2008

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized, with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*