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Oud

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(54) **PETUNIA PLANT NAMED ‘PETROWHI’**

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

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patent is extended or adjusted under 35
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See application file for complete search history.

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(57) **ABSTRACT**

A new and distinct cultivar of *Petunia* plant named
‘Petrowhi’ characterized by its trailing, outwardly spreading
and mounded plant habit, freely branching habit, freely
flowering habit, single flowers that are rose in color with a
white throat, 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: ‘Petrowhi’.

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 ‘Petrowhi’.

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 August 1999 of a proprietary
selection of *Petunia hybrida* identified as code number ‘Y
942’ not patented, as the female, or seed parent, with a
proprietary selection of *Petunia hybrida* identified as code
number ‘X 910,’ 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 June 2000.

Asexual reproduction of the new cultivar by terminal
vegetative cuttings since June 2000, in Enkhuizen, Nether-
lands has shown that the unique features of this new *Petunia*
are stable and reproduced true to type in successive genera-
tions.

SUMMARY OF THE INVENTION

Plants of the cultivar ‘Petrowhi’ 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 ‘Petrowhi.’
These characteristics in combination distinguish ‘Petrowhi’
as a new and distinct cultivar:

1. Trailing, outwardly spreading and mounded plant habit
2. Freely branching habit

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3. Freely flowering habit
4. Single flowers that are rose in color with a white throat
5. Good garden performance

In side-by-side comparisons 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* have rose flowers with a
white throat whereas the female selection has flowers
with a rose/purple throat.

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 characteristic:

1. Plants of the new *Petunia* and the male parent selection
differed in flower size. The flowers of the new *Petunia*
are smaller than the plants of the male parent selection.

Plants of the new *Petunia* ‘Petrowhi’ differ from the
Petunia cultivar Surfinia Pastel 2000 (‘Sunpapi’), not
patented, in flower color. The flower color of the new
Petunia is darker (N74A) than the flowers of the *Petunia*
cultivar Surfinia Pastel 2000 (73A). The new *Petunia* also
differs from the *Petunia* cultivar Surfinia Pastel 2000 in petal
shape. The flowers of the *Petunia* cultivar Surfinia Pastel
2000 are more pointed than that of the new *Petunia*.

DESCRIPTION OF THE DRAWING

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 circum-
stances outdoor in windowboxes during the summer with
day temperatures ranging from 18 to 25° C. and night
temperatures ranging from 10 to 14° C. Plants used for the

photographs and description were about 12 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 'Y 942,' not patented. Male parent: Proprietary selection of *Petunia hybrida* identified as code number 'X 910,' 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 R.—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 ten basal branches each with about five to seven lateral branches. Pinching enhances development of lateral branches.

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

Plant height.—About 20 cm.

Plant diameter (area of spread).—About 50–60 cm.

Vigor.—Vigorous; rapid growth rate

Lateral branches.—Length: About 35 cm. Diameter: About 3 mm. Internode length: About 1.5 cm. Texture: Pubescent. Color: 144A.

Foliage description.—Arrangement: Alternate before flowering; opposite after flowers develop; simple. Length: About 3.5 cm. Width: About 1.5 cm. Shape: Broadly lanceolate. Apex: Acuminate. Base: Attenuate. Margin: Entire. Texture, upper and lower surfaces: Sparsely pubescent; glandular. Venation pattern: Reticulate.

Color.—Developing and fully expanded leaves, upper surface: 137A. Developing and fully expanded leaves, lower surface: 146A. Venation, lower surface: 146C. Petiole length: About 7 mm. Petiole diameter: About 1 mm. Petiole color, upper and lower surfaces: 146C. Petiole texture: Sparsely pubescent.

Flower description:

Flower type and habit.—Single salverform flowers; flowers face mostly upward and outward; axillary. Freely flowering habit, about two to three 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 3 cm. Throat diameter, distal end: About 1.2 cm. Tube diameter, proximal end: About 3 mm.

Flower buds.—Length: About 3.5 cm. Diameter: About 5 mm. Shape: Elongated oblong with ruffled apices. Color: 86A.

Petals.—Quantity/arrangement: About five petals fused in a single whorl, funnellform. Length from throat: About 2–2.7 cm. Width: About 2.7 cm. Shape: Roughly fan-shaped. Apex: Broadly abrupt. Margin: Entire, undulate. Texture, upper and lower surfaces: Smooth, velvety.

Color.—When opening, upper surface: Darker than N74A, venation 59B. When opening, lower surface: Greyer than 72B, venation 176A. Fully opened, upper surface: N74A. Fully opened, lower surface: 72B, venation 176A to 146D. Flower throat (inside): Lighter than N155A. Flower tube (outside): N78C. Venation, throat: N77A. Venation, tube: 146D.

Sepals.—Arrangement/appearance: Single whorl of five sepals fused at base, star-shaped. Length: About 1.5 cm. Width: About 3 mm. Shape: Ligulate. Apex: Acute. Margin: Entire. Texture, upper and lower surfaces: Pubescent. Color, upper surface: 143A. Color, lower surface: 143A.

Peduncles.—Length: About 2 cm. Width: About 1 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 1 mm by 1 mm. Anther color: 151A. Pollen amount: Scarce. Pollen color: 151A. Pistils, quantity per flower: One. Pistil length: About 2 cm. Style length: About 1.7 cm. Style color: 144D. Stigma shape: Anvil-shaped. Stigma color: 144A. Ovary color: 146B. Seed/fruit: Seed and/or fruit production has not been observed.

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 cultivar of *Petunia* plant named 'Petrowhi', as substantially illustrated and described herein.

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