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Heffner

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(54) **PETUNIA PLANT NAMED**
'BODTRUPLMICE'

(22) Filed: **Sep. 17, 2003**

(50) Latin Name: *Petunia*×*hybrida*
Varietal Denomination: **Bodtruplmice**

(51) **Int. Cl.**⁷ **A01H 5/00**

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(58) **Field of Search** **Plt./356**

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(57) **ABSTRACT**

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

A new and distinct cultivar of *Petunia* plant named
'Bodtruplmice', characterized by its mounded and trailing
plant habit; freely branching habit; and numerous large light
purple-colored flowers and darker purple-colored venation.

(21) Appl. No.: **10/666,281**

1 Drawing Sheet

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2

Botanical classification: *Petunia*×*hybrida* cultivar
Bodtruplmice.

Compared to plants of the female parent, plants of the new
Petunia differ in flower color, have a more mounded habit
and have larger flowers. Compared to plants of the male
parent, plants of the new *Petunia* differ in flower color, are
more vigorous and have a more mounded plant habit.

BACKGROUND OF THE INVENTION

The present Invention relates to a new and distinct culti-
var of *Petunia* plant, botanically known as *Petunia*×*hybrida*,
and hereinafter referred to by the cultivar name Bodtruplm-
ice.

Plants of the new *Petunia* can be compared to plants of the
cultivar *Surfinia Pink Veined*, not patented. In side-by-side
comparisons conducted in Lompoc, Calif., plants of the new
Petunia differed from plants of the cultivar *Surfinia Pink*
Veined in the following characteristics:

The new *Petunia* is a product of a planned breeding
program conducted by the Inventor in Lompoc, Calif. The
objective of the breeding program is to create trailing
Petunias with numerous large flowers and attractive flower
coloration.

1. Plants of the new *Petunia* were more mounded than
plants of the cultivar *Surfinia Pink Veined*.
2. Plants of the new *Petunia* had larger flowers than plants
of the cultivar *Surfinia Pink Veined*.
5. Plants of the new *Petunia* flowered under short day
conditions whereas plants of the cultivar *Surfinia Pink*
Veined did not flower under short day conditions.

The new *Petunia* originated from a cross-pollination made
by the Inventor in September, 1998 of a proprietary *Petunia*
selected identified as 9P5244-10, not patented, as the
female, or seed parent, with a proprietary *Petunia* selection
identified as 8P2010, 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 by the Inventor
in a controlled environment in Lompoc, Calif.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

Asexual reproduction of the new cultivar by vegetative
cuttings taken in Lompoc, Calif. since June, 2000 has shown
that the unique features of this new *Petunia* are stable and
reproduced true to type in successive generations.

The accompanying colored photographs illustrate 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 photographs may differ
slightly from the color values cited in the detailed botanical
description which accurately describe the colors of the new
Petunia.

SUMMARY OF THE INVENTION

The photograph at the top of the sheet comprises a side
perspective view of a typical flowering plant of 'Bodtru-
plmice' grown in a container.

Plants of the cultivar Bodtruplmice have not been
observed under all possible environmental conditions. The
phenotype may vary somewhat with variations in environ-
ment such as temperature and light intensity without,
however, any variance in genotype.

The photograph at the bottom of the sheet comprises a
close-up view of typical flower buds, developing flowers,
open flowers and the upper and lower surfaces of typical
leaves of 'Bodtruplmice'.

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

DETAILED BOTANICAL DESCRIPTION

1. Mounded and trailing plant habit.
2. Freely branching habit.
3. Numerous large light purple-colored flowers with
darker purple-colored venation.

The aforementioned photographs and following observa-
tions and measurements describe plants grown in Lompoc,
Calif., under commercial practice during the summer in a
polycarbonate-covered greenhouse with day temperatures
about 21 to 27° C., night temperatures about 16 to 18° C. and
light levels about 5,000 to 9,000 foot-candles. Plants were

grown with one rooted cutting per 15.25-cm container for about 11 weeks. 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.

Botanical classification: *Petunia* × *hybrida* cultivar Bodtruplmice.

Parentage:

Female parent.—Proprietary *Petunia* selection identified as 9P5244-10, not patented.

Male parent.—Proprietary *Petunia* selection identified as 8P2010, not patented.

Propagation:

Type cutting.—Vegetative cuttings.

Time to initiate roots.—About 7 to 10 days at 27° C.

Time to develop roots.—About 28 to 42 days at 18 to 24° C.

Root description.—Fine, fibrous, whitish in color.

Rooting habit.—Freely branching.

Plant description:

Form.—Annual flowering plant; indeterminate; initially upright, then mounded and outwardly spreading to low trailing; plants eventually becoming roughly hemispherical in shape. Vigorous growth habit. Freely basal branching with about 15 main lateral branches per plant with lateral branches potentially forming at every node.

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

Plant height.—About 18 cm.

Plant diameter.—About 60 cm.

Lateral branches.—Length: About 33 cm. Diameter: About 6 mm. Internode length, vegetative shoots: About 2.2 cm. Internode length, flowering shoots: About 4 cm. Texture: Pubescent. Color: 143A.

Foliage description.—Arrangement, before flowering: Alternate, simple. Arrangement, when flowering: Opposite, simple. Length: About 6 cm. Width: About 5 cm. Shape: Rounded elliptical. Apex: Broadly acute. Base: Attenuate. Margin: Entire. Texture, upper and lower surfaces: Glandular, viscid; pubescent. Venation pattern: Pinnate, arcuate. Color: Developing foliage, upper surface: 146A. Developing foliage, lower surface: 146C. Fully expanded foliage, upper surface: 147A. Fully expanded foliage, lower surface: 146B. Venation, upper surface: 145C. Venation, lower surface: 146C. Petiole length: About 1 cm. Petiole diameter: About 6 mm. Petiole color: 144C.

Flower description:

Flower type and habit.—Large salverform flowers; flowers face upward or outward; single, axillary. Flowers persistent. Freely flowering, typically more

than 150 open flowers and flower buds per plant at one time.

Natural flowering season.—Long day responsive; spring until frost in the autumn; flowering continuous during the flowering period. Plants of the new *Petunia* will also flower under short day conditions.

Flower longevity on the plant.—About 4 to 5 days.

Fragrance.—Faint, vanilla-like.

Flower size.—Diameter: About 7 cm. Tube length: About 3.2 cm. Throat diameter, distal end: About 1.5 cm. Tube diameter, proximal end: About 5 mm.

Flower buds.—Length: About 4 cm. Diameter: Apex: About 1.2 cm. Base: About 6 mm. Shape: Elongated oblong with ruffled apices. Color: 1C.

Corolla.—Arrangement/appearance: Single whorl of five petals, fused into flared trumpet with distinct clefts between petal lobes. Petal length from throat: About 2.7 to 3 cm. Petal width: About 3.6 cm. Petal shape: Roughly fan-shaped. Petal apex: Rounded. Petal margin: Entire, slightly ruffled. Petal texture: Smooth, velvety. Color: Petal, upper surface, when opening: 84C. Petal, lower surface, when opening: 84D. Petal, upper surface, fully opened: 77B; color becoming closer to more blue than 86D with development. Petal, lower surface, fully opened: 82B. Flower throat (inside): 79A. Flower tube (outside): 79D. Venation, upper petal surface: 83A to 83B. Venation, lower petal surface: 86A. Venation, throat: 79A. Venation, tube: 146D.

Sepals.—Arrangement/appearance: Single whorl of five sepals fused at base, star-shaped. Length: About 1.4 cm. Width: About 7 mm. Shape: Obovate. Apex: Rounded. Margin: Entire. Texture, upper and lower surfaces: Glandular, viscid. Color, upper surface: 147A. Color, lower surface: 147B.

Peduncles.—Length: About 2.7 cm. Width: About 1.25 mm. Angle: About 45° to the stem. Strength: Strong. Texture: Pubescent. Color: 144B.

Reproductive organs.—Stamens: Quantity/arrangement: Five, adnate to corolla tube. Anther shape: Ovoid. Anther length: About 2 mm. Anther color: More gray than 90B. Pollen amount: Moderate to sparse. Pollen color: 202B. Pistils: Quantity: One. Pistil length: About 2 cm. Stigma shape: Rounded, flattened. Stigma color: 146A. Style length: About 1.6 cm. Style color: 145C. Ovary color: 145A.

Fruit/seed.—Fruit and seed production has not been observed.

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

It is claimed:

1. A new and distinct cultivar of *Petunia* plant named 'Bodtruplmice', as illustrated and described.

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