



US00PP18220P2

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

(10) **Patent No.:** **US PP18,220 P2**
(45) **Date of Patent:** **Nov. 13, 2007**

(54) **PETUNIA PLANT NAMED ‘PET0604’**

(50) Latin Name: *Petunia*×*hybrida*
Varietal Denomination: **PET0604**

(75) Inventor: **Debra Meszaros**, Riverhead, NY (US)

(73) Assignee: **Advanced Plant Technologies LLC**,
Riverhead, NY (US)

(*) 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.: **11/436,468**

(22) Filed: **May 18, 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**

U.S. PATENT DOCUMENTS

PP17,198 P3 * 11/2006 Hanes **Plt./356**

* cited by examiner

Primary Examiner—Wendy C. Haas

(57) **ABSTRACT**

A new and distinct cultivar of *Petunia* plant named
‘PET0604’, characterized by its mounding plant habit;
freely branching growth habit; green foliage; and unique
pattern of lavender flower with white markings.

2 Drawing Sheets

1

Botanical designation: *Petunia*×*hybrida*.
Cultivar denomination: ‘PET0604’.

**CROSS REFERENCE TO RELATED
APPLICATIONS**

The claimed plant is related to ‘PET0611’, the subject of
co-pending U.S. Plant patent application Ser. No. 11/436,
472 in that each plant has the same parentage.

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 ‘PET0604’.

The new *Petunia* originated from a conventional cross of
proprietary *Petunia* selections, ‘PET0482’ (the female par-
ent; not patented) and ‘Bicolor Lavender Star’ (the male
parent; not patented) conducted on April 18th of 2003 in a
cultivated area of Aquebogue, N.Y. Seeds from this cross
were planted and the individual plant known as ‘PET0604’
was selected because of its combination of exceptional
features, and has been propagated asexually by vegetative
cuttings since that time. 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 ‘PET0604’ have not been observed
under all possible environmental conditions. The phenotype
may vary somewhat with variations in environment such as
temperature and light intensity without, however, any vari-
ance in genotype.

The following traits have been repeatedly observed and
are determined to be the unique characteristics of
‘PET0604’. These characteristics in combination distinguish
‘PET0604’ as a new and distinct cultivar:

1. Mounding plant habit.
2. Freely branching growth habit.
3. Very unique bicolor flower pattern.

2

Plants of the new *Petunia* differ from the parent plants in
plant growth and the pattern of the flower.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

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.

The photograph on the first sheet comprises a side per-
spective view of a typical flowering plant of ‘PET0604’
grown in a container.

The photograph on the second sheet comprises a close-up
view of typical leaves and flowers of ‘PET0604’.

DETAILED BOTANICAL DESCRIPTION

The aforementioned photographs and following observa-
tions and measurements describe plants grown in
Aquebogue, N.Y. under commercial practice during the
spring and summer in a polyethylene covered greenhouse
with day temperatures averaging 22 degrees C., night tem-
peratures averaging 17 degrees C., and light levels ranging
from 9,000 to 12,000 lux. Plants were grown for about 16
weeks in 25 cm containers. In the following description,
color references are made to The Royal Horticultural Soci-
ety Colour Chart, 2001 Edition, except where general terms
of ordinary dictionary significance are used.

Botanical classification: *Petunia*×*hybrida* cultivar
‘PET0604’.

Parentage: Female: *Petunia*: ‘PET0482’, Male: *Petunia*:
‘Bicolor Lavender Star’.

Propagation:

Type cutting.—Vegetative cuttings.

Time to initiate roots, summer.—About 15 days.

Time to initiate roots, winter.—About 20 days.

Time to produce a rooted young plant, summer.—About three weeks.

Time to produce a rooted young plant, winter.—About four weeks.

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

Rooting habit.—Freely branching, dense.

Plant description:

Form.—Annual flowering plant; indeterminate; initially upright, then mounding and outwardly spreading; vigorous growth habit. Freely basal branching habit lateral branches potentially developing at every node.

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

Plant height.—About 30 to 35 cm.

Plant diameter.—About 40 to 50 cm.

Lateral branches:

Length.—About 20 cm.

Diameter.—About 3 mm.

Internode length.—About 1.1 cm.

Texture.—Pubescent.

Color.—143C.

Foliage description:

Arrangement, before flowering.—Alternate, simple.

Arrangement, when flowering.—Opposite, simple.

Length.—About 3.5 to 4 cm.

Width.—About 2.5 cm.

Shape.—Ovate.

Apex.—Acute.

Base.—Obtuse.

Margin.—Entire.

Texture, upper and lower surfaces.—Viscid, pubescent.

Venation pattern.—Pinnate, arcuate.

Color.—Developing foliage, upper surface: 147B.

Developing foliage, lower surface: 147B. Fully

expanded foliage, upper surface: 138A. Fully

expanded foliage, lower surface: 138B. Venation,

upper and lower surfaces: Similar to lamina. Petiole

length: About 5 mm. Petiole diameter: About 1 mm.

Petiole texture, upper and lower surfaces: Pubescent.

Petiole color, upper and lower surfaces: 138A.

Flower description:

Flower type and habit.—Salverform flowers; flowers face upward or outward; single, axillary. Freely flowering, typically about ten open flowers and flower buds per lateral branch.

Natural flowering season.—Not day length sensitive; plants flower from April until frost in New York; flowering continuous during the flowering period. Plants start flowering about three weeks after planting.

Flower longevity on the plant.—About ten days; flowers not persistent.

Fragrance.—None detected.

Flower size.—Diameter: About 6 cm. Depth: About 5 cm. Tube length: About 3.2 cm. Throat diameter, distal end: About 1 cm. Tube diameter, proximal end: About 3 mm.

Flower buds.—Length: About 4.5 cm. Diameter: About 8 mm. Shape: Elongated oblong with ruffled apices. Color: 145B striped with N92D.

Corolla.—Arrangement/appearance: Single whorl of seven petals, fused into flared trumpet with distinct clefts between petal lobes. Petal lobe length: About 3 cm. Petal lobe width: About 2.7 cm. Petal shape: Roughly fan-shaped. Petal apex: Acute. Petal margin: Entire. Petal texture, upper surface: Smooth, satiny. Petal texture, lower surface: Pubescent.

Color.—Petal, when opening, upper surface: N80A with N155A. Petal, when opening, lower surface: N155A with 91B. Petal, fully opened, upper surface: N80A with N155A. Petal, fully opened, lower surface: N155A with 91B. Flower throat (inside): N155A with N80A. Flower tube (outside): N155A with N80A. Venation, upper petal surface: none. Venation, lower petal surface: none. Venation, throat: none. Venation, tube: none.

Sepals.—Arrangement/appearance: Single whorl of five sepals fused at base, star-shaped. Length: About 2.2 cm. Width: About 8 mm. Shape: Linear. Apex: Acute. Margin: Entire. Texture, upper and lower surfaces: Pubescent. Color, upper and lower surfaces: N155A with N80A.

Peduncles.—Length: About 3.5 cm. Width: About 2 mm. Angle: About 45 degrees to the stem. Strength: Strong. Texture: Pubescent. Color: 143C.

Reproductive organs:

Stamens.—Quantity/arrangement: Five per flower; stamens adnate to corolla tube. Anther shape: Oval. Anther length: About 1.5 mm. Anther color: 97C. Pollen amount: Abundant. Pollen color: 97C.

Pistils.—Quantity: One per flower. Pistil length: About 2 cm. Stigma shape: Rounded. Stigma color: 150B. Style length: About 1.6 cm. Style color: 141C. Ovary color: 144B.

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*.

Temperature tolerance: Plants of the new *Petunia* have been observed to tolerate temperatures ranging from 2 to 32 degrees C.

What is claimed is:

1. A new and distinct cultivar of *Petunia* plant named 'PET0604' as illustrated and described.

* * * * *



