



US00PP18257P2

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

(10) **Patent No.:** **US PP18,257 P2**  
(45) **Date of Patent:** **Nov. 27, 2007**

(54) **PETUNIA PLANT NAMED 'PET0601'**  
(50) Latin Name: *Petunia*×*hybrida*  
Varietal Denomination: **PET0601**  
(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.: **11/436,841**  
(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  
PP13,372 P2 \* 12/2002 Watanabe et al. .... Plt./356  
PP13,534 P2 \* 2/2003 Sakazaki ..... Plt./356  
PP14,157 P2 \* 9/2003 Brown ..... Plt./356  
PP14,288 P2 \* 11/2003 Brown ..... Plt./356

\* cited by examiner  
*Primary Examiner*—Wendy C. Haas

(57) **ABSTRACT**  
A new and distinct cultivar of *Petunia* plant named  
'PET0601', characterized by its mounding and outwardly  
spreading plant habit; freely branching, vigorous growth  
habit; green foliage; and numerous light lavender colored  
flowers with dark lavender colored venation.

**2 Drawing Sheets**

**1**

Botanical designation: *Petunia*×*hybrida*.  
Cultivar denomination: 'PET0601'.

**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 'PET0601'.

The new *Petunia* originated from a conventional cross of  
proprietary *Petunia* selections, 'White Lightning' (the  
female parent; not patented) and 'Nor'Easter' (the male  
parent; not patented) conducted on April 18th of 2003 in a  
cultivated area of Aqueboque, N.Y. Seeds from this cross  
were planted and the individual plant known as 'PET0601'  
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 'PET0601' 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  
'PET0601'. These characteristics in combination distinguish  
'PET0601' as a new and distinct cultivar:

1. Mounding, outwardly spreading plant habit.
2. Freely branching, vigorous growth habit.
3. Numerous light lavender flowers with dark lavender  
venation.

Plants of the new *Petunia* differ from the parent plants in  
plant vigor and in the abundance of double blooms.

**2**

**BRIEF DESCRIPTION OF THE PHOTOGRAPHS**

The accompanying colored photographs illustrate the  
overall appearance of the new cultivar, showing the colors as  
true as it reasonably possible to obtain in colored reproduc-  
tions 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 'PET0601'  
grown in a container.

The photograph in the first sheet comprises a side per-  
spective view of a typical flowering plant of 'PET0601'  
grown in a container.

The photograph on the second sheet comprises a close-up  
view of typical leaves and flowers of 'PET0601'.

**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  
'PET0601'.

Parentage: Female: *Petunia* 'White Lightning', Male: *Petu-  
nia* 'Nor'Easter'.



## 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; extremely 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 20 to 25 cm.

*Plant diameter.*—About 60 cm.

## Lateral branches:

*Length.*—About 25–30 cm.

*Diameter.*—About 3 mm.

*Internode length.*—About 1 cm.

*Texture.*—Pubescent.

*Color.*—143C.

## Foliage description:

*Arrangement, before flowering.*—Alternate, simple.

*Arrangement, when flowering.*—Opposite, simple.

*Length.*—About 2.5 cm.

*Width.*—About 2.0 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: 147B. Fully

expanded foliage, lower surface: 147B. Venation,

upper and lower surfaces: Similar to lamina. Petiole

length: About 2 mm. Petiole diameter: About 1 mm.

Petiole texture, upper and lower surfaces: Pubescent.

Petiole color, upper and lower surfaces: 147B.

## Flower description:

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

*Natural flowering season.*—Long day responsive; plants flower from April until frost in New York; flowering continuous during the flowering period. Plants start flowering about 3 weeks after planting.

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

*Fragrance.*—Yes, sweet smelling.

*Flower size.*—Diameter: About 6 cm. Depth: About 4.0 cm. Tube length: About 2.5 cm. Throat diameter, distal end: About 1.2 cm. Tube diameter, proximal end: About 4.0 mm.

*Flower buds.*—Length: About 3.5 cm. Diameter: About 1 cm. Shape: Oblong with ruffled apices. Color: 150C.

*Corolla.*—Arrangement/appearance: Double whorl of seven to ten petals. Petal lobe length: About 3 cm. Petal lobe width: About 3 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: N155A.

Petal, when opening, lower surface: N155A. Petal,

fully opened, upper surface: mix of 76C and 84D.

Petal, fully opened, lower surface: 84D. Flower

throat (inside): mix of 76C and 84D. Flower tube

(outside): 84D. Venation, upper petal surface: 84B.

Venation, lower petal surface: 84b. Venation, throat:

84A. Venation, tube: 84B.

*Sepals.*—Arrangement/appearance: Double whorl of

five to seven sepals fused at base. Length: About 3

cm. Width: About 3 cm. Shape: Linear. Apex: Acute.

Margin: Entire. Texture, upper and lower surfaces:

Pubescent. Color, upper and lower surfaces: mix of

76C and 84D.

*Peduncles.*—Length: About 2 cm. Width: About 2 mm.

Angle: About 45 degrees to the stem. Strength:

Strong. Texture: Pubescent. Color: 143C.

## Reproductive organs:

*Stamens.*—Quantity/arrangement: Five to eight 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: 144B. Ovary

color: 144B.

*Fruit/seed.*—Does not set seed.

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 'PET0601', as illustrated and described.

\* \* \* \* \*







