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

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(54) **PETUNIA PLANT NAMED ‘PET0607’**

(50) Latin Name: *Petunia*×*hybrida*  
Varietal Denomination: **PET0607**

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patent is extended or adjusted under 35  
U.S.C. 154(b) by 0 days.

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(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

PP14,257 P2 \* 10/2003 Hanes ..... Plt./356

\* cited by examiner

*Primary Examiner*—Wendy C. Haas

(57) **ABSTRACT**

A new and distinct cultivar of *Petunia* plant named  
‘PET0607’, characterized by its mounding and compact  
plant habit; freely branching growth habit; green foliage;  
and numerous pure white colored flowers that are weather  
tolerant.

**2 Drawing Sheets**

**1**

Botanical designation: *Petunia*×*hybrida*.  
Cultivar denomination: ‘PET0607’.

**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 ‘PET0607’.

The new *Petunia* originated from a conventional cross of  
proprietary *Petunia* selections, ‘PET0480’ (the female par-  
ent; not patented) and ‘PET0491’ (the male parent; not  
patented) conducted on the 10<sup>th</sup> day of May 2004 in a  
cultivated area of Aquebogue, N.Y. Seeds from this cross  
were planted and the individual plant known as ‘PET0607’  
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 ‘PET0607’ 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  
‘PET0607’. These characteristics in combination distinguish  
‘PET0607’ as a new and distinct cultivar:

1. Mounding and compact plant habit.
2. Freely branching growth habit.
3. Numerous, weather resistant pure white flowers.

Plants of the new *Petunia* differ from the parent plants in  
growth habit and form.

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**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 ‘PET0607’  
grown in a container.

The photograph on the second sheet comprises a close-up  
view of typical leaves and flowers of ‘PET0607’.

**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  
‘PET0607’.

Parentage: Female: *Petunia* ‘PET0480’, Male: ‘PET0491’.  
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 compact form; moderately 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 25–28 cm.

*Plant diameter.*—About 50 cm.

Lateral branches:

*Length.*—About 20–25 cm.

*Diameter.*—About 3 mm.

*Internode length.*—About 1 cm.

*Texture.*—Pubescent.

*Color.*—143A.

Foliage description:

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

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

*Length.*—About 3.8 cm.

*Width.*—About 2.2 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: 137A.

Developing foliage, lower surface: 137C. Fully

expanded foliage, upper surface: 137A. Fully

expanded foliage, lower surface: 137C. Venation,

upper and lower surfaces: Similar to lamina. Petiole

length: About 4 mm. Petiole diameter: About 2 mm.

Petiole texture, upper and lower surfaces: Pubescent.

Petiole color, upper and lower surfaces: 137A.

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 responsive; 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 nine days; flowers not persistent.

*Fragrance.*—None detected.

*Flower size.*—Diameter: About 5.5 cm. Depth: About 4.0 cm. Tube length: About 2 cm. Throat diameter, distal end: About 1 cm. Tube diameter, proximal end: About 2.5 mm.

*Flower buds.*—Length: About 3 cm. Diameter: About 5 mm. Shape: Elongated oblong with ruffled apices. Color: 145D.

*Corolla.*—Arrangement/appearance: Single whorl of five petals, fused into flared trumpet with distinct clefts between petal lobes. Petal lobe length: About 3 cm. Petal lobe width: About 2.8 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: Pure White, RHS 155D. Petal, when opening, lower surface: Pure White, RHS 155D. Petal, fully opened, upper surface: Pure White, RHS 155D. Petal, fully opened, lower surface: Pure White, RHS 155D. Flower throat (inside): Pure white, RHS 155D. Flower tube (outside): Pure White, RHS 155D. Venation, upper petal surface: None. Venation, lower petal surface: 144C. Venation, throat: None. Venation, tube: 144C.

*Sepals.*—Arrangement/appearance: Single whorl of five sepals fused at base, star-shaped. Length: About 3 cm. Width: About 2.8 cm. Shape: Linear. Apex: Acute. Margin: Entire. Texture, upper and lower surfaces: Pubescent. Color, upper and lower surfaces: Pure White.

*Peduncles.*—Length: About 2.7 cm. Width: About 1.8 mm. Angle: About 45 degrees to the stem. Strength: Strong. Texture: Pubescent. Color: 143A.

*Reproductive organs.*—Stamens: Quantity/arrangement: Five per flower; stamens adnate to corolla tube. Anther shape: Oval. Anther length: About 1.2 mm. Anther color: 4D. Pollen amount: Abundant. Pollen color: 4D. Pistils: Quantity: One per flower. Pistil length: About 1.8 cm. Stigma shape: Rounded. Stigma color: 150B. Style length: About 1.6 cm. Style color: 144B. 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 ‘PET0607’, as illustrated and described.

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