



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

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(54) **PETUNIA PLANT NAMED ‘DANLITTUN5’**

(50) Latin Name: *Petunia sensu Wijsman*  
Varietal Denomination: *Petunia*

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patent is extended or adjusted under 35  
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(58) **Field of Classification Search** ..... **Plt./356**  
See application file for complete search history.

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(57) **ABSTRACT**

A new and distinct *Petunia* cultivar named ‘DANLITTUN5’  
is disclosed, characterized by having white flowers with very  
slightly cream/green veins, small flowers and foliage a  
compact, mounded plant habit and continuous flowering.  
The new variety is a *Petunia*, normally produced as an out-  
door garden or container plant.

**2 Drawing Sheets**

**1**

Latin name of the genus and species: *Petunia sensu Wijs-  
man*.

**BACKGROUND OF THE INVENTION**

The new *Petunia* cultivar is a product of a planned breed-  
ing program conducted by the inventor, Gabriel Danziger, in  
Moshav Mishmar Hashiva, Israel. The objective of the  
breeding program was to produce *Petunia* varieties for com-  
mercial applications. The seed parent is the unpatented, pro-  
prietary seedling variety referred to as *Petunia sensu Wijs-  
man* ‘CV-690.’ The pollen parent is the unpatented,  
proprietary seedling variety referred to as *Petunia sensu  
Wijsman* ‘CV-74.’ The new variety was discovered in April  
2006 by the inventor in a group of seedlings resulting from  
that crossing, in a commercial greenhouse in Moshav Mish-  
mar Hashiva, Israel.

Asexual reproduction of the new cultivar  
‘DANLITTUN5’ by vegetative cuttings was first performed  
at a commercial greenhouse in Moshav Mishmar Hashiva,  
Israel in April 2006 and has shown that the unique features  
of this cultivar are stable and reproduced true to type in  
successive generations.

**SUMMARY OF THE INVENTION**

The cultivar ‘DANLITTUN5’ has not been observed  
under all possible environmental conditions. The phenotype  
may vary somewhat with variations in environment such as  
temperature, day length, and light intensity, without,  
however, any variance in genotype.

The following traits have been repeatedly observed and  
are determined to be the unique characteristics of  
‘DANLITTUN5’ These characteristics in combination dis-  
tinguish ‘DANLITTUN5’ as a new and distinct *Petunia* cul-  
tivar:

1. Small flowers.
2. Compact growth habit.
3. Distinctive white flower coloration, with very moderate  
cream veins.
4. Suitability for outdoor containers and garden situations.

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**PARENT COMPARISON**

Plants of the new cultivar ‘DANLITTUN5’ are similar to  
plants of the parent, *Petunia sensu Wijsman* ‘CV 690’ in  
most horticultural characteristics, however, plants of the new  
cultivar ‘DANLITTUN5’ have different color flowers.

Plants of the new cultivar ‘DANLITTUN5’ are similar to  
plants of the parent, *Petunia sensu Wijsman* ‘CV-74’ in most  
horticultural characteristics, however, plants of the new cul-  
tivar ‘DANLITTUN5’ have different color flowers.

**COMMERCIAL COMPARISON**

Plants of the new cultivar ‘DANLITTUN3’ are similar to  
plants of the commercial variety ‘Danpetblu,’ U.S. Plant Pat.  
No. 16,878 in most horticultural characteristics, however,  
plants of the new cultivar ‘DANLITTUN3’ have different  
flower coloration, smaller foliage and smaller diameter flow-  
ers.

Plants of the new cultivar ‘DANLITTUN3’ are also simi-  
lar to plants of the commercial variety ‘Danpetyel,’ U.S.  
Plant Pat. No. 16,879 in most horticultural characteristics,  
however, plants of the new cultivar ‘DANLITTUN3’ have  
different flower coloration, smaller foliage and smaller  
diameter flowers.

**BRIEF DESCRIPTION OF THE PHOTOGRAPH**

The accompanying photograph in FIG. 1 illustrates in full  
color a typical plant of ‘DANLITTUN5’ grown in a  
greenhouse, in a 16 cm basket. Age of the plant photo-  
graphed is approximately 90 days from a rooted cutting.

FIG. 2 illustrates in full color a close up of a typical bloom  
of ‘DANLITTUN5.’

The photographs were taken using conventional tech-  
niques and although colors may appear different from actual  
colors due to light reflectance it is as accurate as possible by  
conventional photographic techniques.

**DETAILED BOTANICAL DESCRIPTION**

In the following description, color references are made to  
the Royal Horticultural Society Mini Colour Chart 2005,



except where general terms of ordinary dictionary significance are used. The following observations and measurements describe 'DANLITTUN5' plants grown in a greenhouse in Moshav Mishmar Hashiva, Israel. The growing temperature ranged from 18° C. to 24° C. The greenhouse is subject to partial shade. General light conditions are bright, normal sunlight, with some shade during the brightest part of the day. Measurements and numerical values represent averages of typical plant types.

Botanical classification: *Petunia sensu Wijsman* cultivar 'DANLITTUN5.'

### PROPAGATION

Time to initiate roots: About 8 days at approximately 18–30° C.

Time to develop roots: About 14–21 days at approximately 18–30° C.

Root description: Fine, fibrous.

Time to produce a rooted cutting: About 14 to 21 days at 18–30° C.

### PLANT

Growth habit: Compact, spreading annual.

Pot size of plant described: 12 cm.

Age of plant described: Approximately 90 days from a rooted cutting.

Height:

*To top of flowers.*—Approximately 25–30 cm.

Plant spread: Approximately 50 cm.

Growth rate: Moderate.

Branching characteristics: Well-branched. Branches from base of plant.

Characteristics of lateral branches:

*Diameter.*—Approximately 0.2–3 cm

*Form.*—Cylindrical.

*Color.*—Near RHS Yellow-Green 144A.

*Texture.*—Smooth.

Internode length: Approximately 2 cm.

### FOLIAGE

Leaf:

*Arrangement.*—Alternate.

*Quantity.*—Approximately 180 per branch.

*Average length.*—Approximately 3 cm.

*Average width.*—Approximately 1.5 cm.

*Shape of blade.*—Elliptic.

*Apex.*—Obtuse

*Base.*—Acute.

*Margin.*—Entire.

*Texture of top surface.*—Lustrous.

*Aspect.*—Slanted upward 45–90°.

*Color.*—Young foliage upper side: Near RHS Yellow-Green 146A. Young foliage under side: Near RHS Yellow-Green 146A. Mature foliage upper side: Near RHS Yellow-Green 147A. Mature foliage under side: Near RHS Yellow-Green 146A.

*Venation.*—Type. Pinnate. Venation color upper side: Near RHS Yellow-Green 144C. Venation color under side: Near RHS Yellow-Green 144C.

*Petiole.*—Length 0.5 cm. Diameter: 0.5 cm. Color: Near RHS Yellow-Green 144C.

### FLOWER

Natural flowering season: Freely flowering all year in Moshav Mishmar Hashiva Israel. Begins flowering approximately 55 days after planting a rooted cutting.

Inflorescence and flower type and habit: Salverform, horizontal single with fused petals.

Rate of flower opening: Approximately 4 to 5 days from bud to fully opened flower.

Flower longevity on plant: Individual flowers last 4 to 5 days on the plant.

Quantity of flowers: Approximately 60 per plant.

Flower size:

*Diameter.*—Approximately 2.5 cm.

*Flower tube length.*—Approximately 2 cm.

*Flower tube diameter at distal end.*—Approximately 0.7 cm.

*Flower tube diameter at proximal end.*—Approximately 0.2 cm.

Petals:

*Length from throat.*—About 1 cm.

*Width.*—About 2 cm.

*Quantity.*—5, fused.

*Texture.*—Smooth

*Apex.*—Truncate.

*Margin.*—Entire

Color:

*When opening.*—Upper surface: Near RHS White N157D. Lower surface: Near RHS White N157D.

*Fully opened.*—Upper surface: Near RHS White N157D. Lower surface: Near RHS White N157D.

Flower throat (inside): Near RHS White N157D.

Flower throat, vein: Near RHS Green 142C. Flower

tube (outside): Near RHS Green 142D. Flower tube,

vein: Near RHS Green 142C. Petal color, fading to:

Does not fade.

Bud:

*Shape.*—Ovate.

*Length.*—Approximately 0.5 cm.

*Diameter.*—Approximately 0.25 cm.

*Color.*—Near RHS Green 142C.

Calyx/Sepals:

*Quantity per flower.*—5, fused at base.

*Sepal shape.*—Oblong.

*Length.*—Approximately 1 cm.

*Width.*—Approximately 0.2 cm.

*Apex.*—Obtuse.

*Base.*—Fused.

*Margin.*—Entire.

*Texture.*—Pubescent.

*Color.*—Upper Surface: Near RHS Green 137A. Lower Surface: Near RHS Green 137B.

Peduncle:

*Length.*—Approximately 2 cm.

*Diameter.*—Approximately 0.1 cm.

*Color.*—Near RHS Green 137B.

*Orientation.*—Upright.

Fragrance: None.

### REPRODUCTIVE ORGANS

Stamens:

*Number.*—5.

*Filament length.*—Approximately 1.5 cm.

Anthers:

*Length.*—Approximately 0.1 cm.

*Shape.*—Oblate.

*Color*.—Near RHS White 155A.  
*Pollen*.—Color: Near RHS White 155A. Quantity:  
Abundant.  
Pistil:  
*Number*.—1.  
*Length*.—Approximately 1.5 cm.  
*Style*.—Length: Approximately 0.1 cm. Color: Near  
RHS Yellow-Green 146C.  
*Stigma*.—Shape: Oblate. Color: Near RHS Yellow-  
Green 146C. Ovary Color: Near RHS Yellow-Green  
146C.

OTHER CHARACTERISTICS

Seeds and fruits: Produces a moderate amount of seeds com-  
pared to similar commercial petunias.  
Disease/pest resistance: Neither resistance nor susceptibility  
to pathogens and pests common to *Petunia* have been  
observed.  
Temperature tolerance: The new variety tolerates tempera-  
tures between 8 to 35° C.  
What is claimed is:  
1. A new and distinct cultivar of *Petunia* plant named  
‘DANLITTUN5’ as herein illustrated and described.

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Fig. 1





Fig. 2