

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

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(54) **PETUNIA PLANT NAMED ‘DANLITTUN4’**

(50) Latin Name: *Petunia sensu Wijsman*
Varietal Denomination: **Danlittun4**

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

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(51) **Int. Cl.**
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(52) **U.S. Cl.** **Plt./356**

(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 ‘DANLITTUN4’
is disclosed, characterized by having light purple/violet
flowers with distinctive dark purple veins, a compact,
mounded plant habit and continuous flowering. The new
variety is a *Petunia*, normally produced as an outdoor garden
or container plant.

2 Drawing Sheets

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Latin name of the genus and species: *Petunia sensu Wijs-*
man.
Variety denomination: ‘DANLITTUN4’.

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 new *Petunia* varieties for
commercial applications. The seed parent is the unpatented,
proprietary seedling variety referred to as *Petunia sensu*
Wijsman ‘CV-688.’ The pollen parent is the unpatented, pro-
prietary seedling variety referred to as *Petunia sensu Wijs-*
man ‘CV-82.’ 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 Mishmar
Hashiva, Israel.

Asexual reproduction of the new cultivar
‘DANLITTUN4’ 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 ‘DANLITTUN4’ 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
‘DANLITTUN4’ These characteristics in combination dis-
tinguish ‘DANLITTUN4’ as a new and distinct *Petunia* cul-
tivar:

1. Small flowers
2. Compact growth habit
3. Distinctive dark purple throat and veining.

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4. Suitability for outdoor containers and garden situations.
Plants of the new cultivar ‘DANLITTUN4’ are similar to
plants of the parent, *Petunia sensu Wijsman* ‘CV 688’ in
most horticultural characteristics, however, plants of the new
cultivar ‘DANLITTUN4’ are more compact and have a dif-
ferent flower color.

Plants of the new cultivar ‘DANLITTUN4’ are similar to
plants of the parent, *Petunia sensu Wijsman* ‘CV-82’ in most
horticultural characteristics, however, plants of the new cul-
tivar ‘DANLITTUN4’ are more compact and have a differ-
ent flower color.

Plants of the new cultivar ‘DANLITTUN4’ are similar to
plants of the commercial variety ‘MP19,’ U.S. Plant Pat. No.
12,979 in most horticultural characteristics, however, plants
of the new cultivar ‘DANLITTUN4’ have deeper flower
coloration, especially with darker veins. The new variety
also produces slightly less branches than plants of ‘MP19.’

BRIEF DESCRIPTION OF THE PHOTOGRAPH

The accompanying photograph in FIG. 1 illustrates in full
color a typical plant of ‘DANLITTUN4’ 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 ‘DANLITTUN4.’

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 Colour Chart except where
general terms of ordinary dictionary significance are used.
The following observations and measurements describe
‘DANLITTUN4’ 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 'DANLITTUN4.'

PROPAGATION

Time to Initiate Roots: About 8 days at approximately 25° 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 0.25 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, 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 Violet 84A.

Lower surface: Near RHS Violet 84C.

Fully opening.—Upper surface: Near RHS Violet 84A.

Lower surface: Near Violet 84C. Flower throat (inside): Near RHS Violet 86A. Flower throat, vein: Near RHS Purple 79A. Flower tube (outside): Near RHS Violet 83C. Flower tube, vein: Near RHS Violet 83A. Petal color, fading to: Fades to a slightly lighter color.

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.

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 Violet 83C.

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: Not observed and not commercially important.

Disease/pest resistance: Neither resistance nor susceptibility to pathogens and pests common to *Petunia* have been observed.

Temperature tolerance: The new variety tolerates temperatures between 8 to 35° C.

What is claimed is:

1. A new and distinct cultivar of *Petunia* plant named ‘DANLITTUN4’ as herein illustrated and described.

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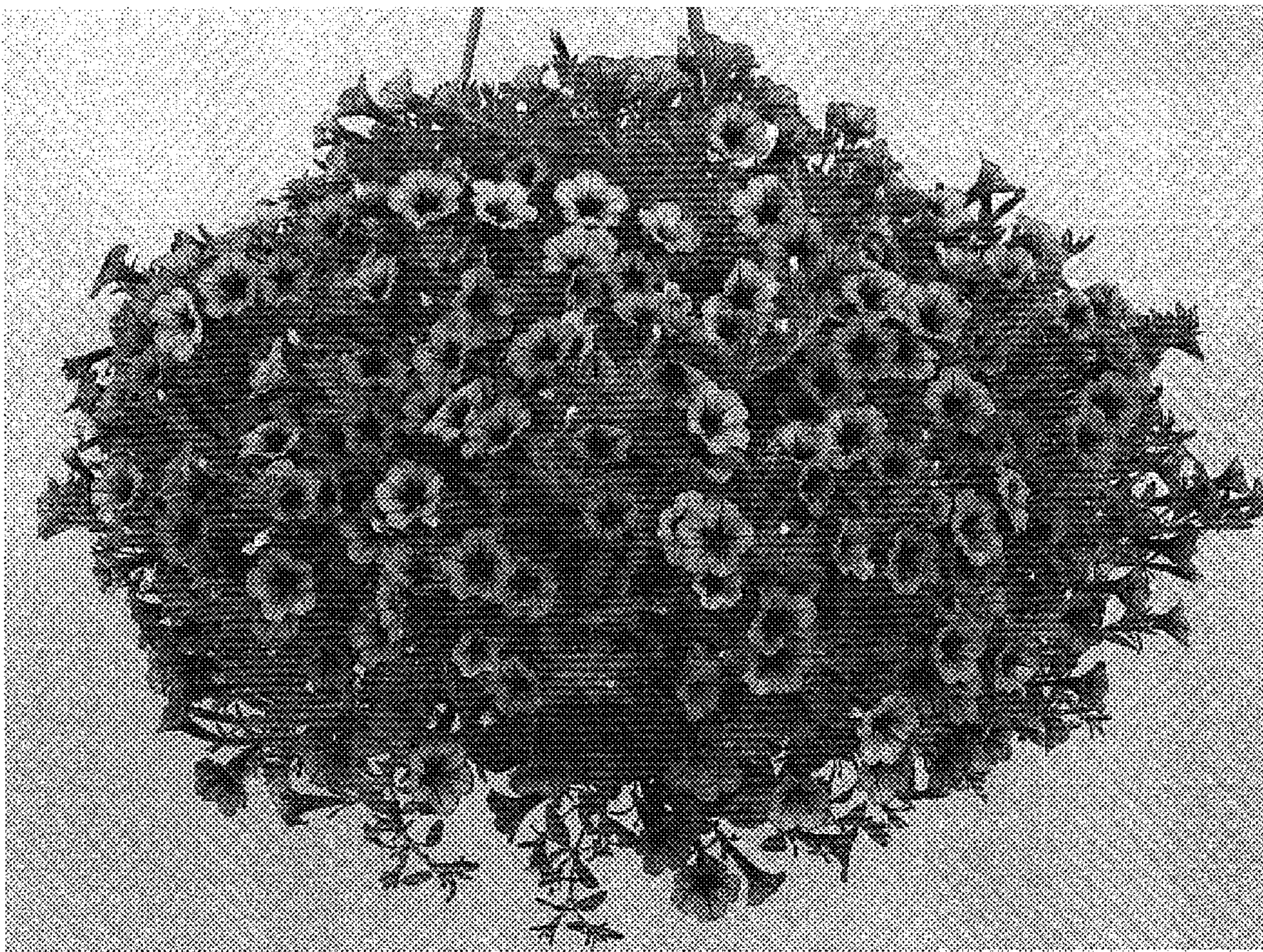


Fig. 1



Fig. 2