



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

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(54) **PETUNIA PLANT NAMED ‘KLEPH07119’**

(50) Latin Name: ***Petunia* hybrid**
Varietal Denomination: **KLEPH07119**

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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 cultivar of *Petunia* particularly characterized by its
flowers having a white background with red-purple veins
and a dark-purple eye, its compact semi-upright growth
habit, and its rain tolerance, is disclosed.

1 Drawing Sheet

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Genus and species: *Petunia* hybrid.
Variety denomination: ‘KLEPH07119’.

BACKGROUND OF THE NEW PLANT

The present invention comprises a new and distinct culti-
var of *Petunia*, botanically known as *Petunia* hybrid, and
hereinafter referred to by the cultivar name ‘KLEPH07119’.
‘KLEPH07119’ was discovered as a seedling resulting from
a cross conducted in summer 2003 in Stuttgart, Germany
between the proprietary female *Petunia* plant, ‘V 199’
(unpatented) and the proprietary male *Petunia* plant, ‘V 019’
(unpatented). A single plant selection was subsequently cho-
sen for further evaluation and for asexual propagation.

The new cultivar was created in 2003 in Stuttgart, Ger-
many and has been asexually reproduced repeatedly by veg-
etative cuttings and in-vitro propagation in Stuttgart, Ger-
many over a four-year period (more than 50 generations).
‘KLEPH07119’ has been found to retain its distinctive char-
acteristics through successive asexual propagations.

Plant Breeder’s Rights for this cultivar were applied for in
Canada on Apr. 20, 2007. ‘KLEPH07119’ has not been made
publicly available more than one year prior to filing of this
application.

SUMMARY OF THE INVENTION

The following are the most outstanding and distinguishing
characteristics of this new cultivar when grown under nor-
mal commercial practices in a greenhouse in Stuttgart, Ger-
many.

1. Flowers having a white background, red-purple veins
and a dark-purple eye;
2. Compact semi-upright growth habit; and
3. Rain tolerance.

DESCRIPTION OF THE PHOTOGRAPH

This new *Petunia* plant is illustrated by the accompanying
photograph which shows the overall plant habit, flowers and
foliage; the colors shown are as true as can be reasonably
obtained by conventional photographic procedures. The
photograph is of a plant about 5-months old and grown from

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rooted cuttings in a 12-cm pot in a greenhouse (glasshouse)
in Stuttgart, Germany under conditions which approximate
those generally used in commercial practice.

DESCRIPTION OF THE NEW CULTIVAR

The following detailed descriptions set forth the distinc-
tive characteristics of ‘KLEPH07119’. The data which
define these characteristics were collected from asexual
reproductions carried out in Stuttgart, Germany. The plant
history was taken on 5-month-old plants in 12-cm pots that
were pinched once approximately one week after potting
and grown in a greenhouse in the spring. The color readings
were determined under natural light. Color references are to
the R.H.S. Colour Chart of The Royal Horticultural Society
of London (R.H.S.) (2001).

DESCRIPTION OF THE NEW PLANT

Classification:

Family.—Solanaceae.

Genus and species.—*Petunia* hybrid.

Common name.—*Petunia*.

Parentage:

Female parent.—The proprietary *Petunia* ‘V 199’
(unpatented).

Male parent.—The proprietary *Petunia* ‘V 019’
(unpatented).

Plant:

Form.—Compact.

Habit.—Semi-upright.

Height (from top of soil).—9.0 cm.

Width (horizontal plant diameter).—16.0 cm.

Propagation.—Vegetative propagation by terminal tip
cuttings or in-vitro propagation of shoot tips.

Time to produce a finished flowering plant.—11 weeks.

Time to initiate and develop roots.—18 days.

Root description.—Moderate density and moderate
branching, white roots.

Stems:

Average number (basal).—6.

*Length of basal branches (from the base of the stem to
the tip)*.—9.0 cm.

Internode length.—0.5 cm to 2.0 cm.

Diameter of branches (from midpoint).—5.0 cm to 10.0 cm.

Stem color.—RHS 137C.

Anthocyanin.—Absent.

Texture (all surfaces).—Smooth.

Leaves:

Arrangement.—Alternate.

Size.—Length: 0.5 cm to 2.5 cm. Width: 0.5 cm to 2.0 cm.

Shape.—Broadly elliptic.

Margin.—Very weak undulation.

Apex.—Acute.

Base.—Obtuse.

Immature leaf.—Color: Upper surface: RHS 138A. Lower surface: RHS 138C.

Mature leaf.—Color: Upper surface: RHS 146A. Lower surface: RHS 146B.

Texture (both surfaces). Smooth.

Venation.—Pinnate.

Venation color.—Upper surface: RHS 146D. Lower surface: RHS 145A.

Petioles.—Length: 0.3 cm to 1.5 cm. Diameter: 0.2 cm. Color (both upper and lower parts): RHS 138B. Texture: Smooth.

Flower bud:

Shape.—Irregular to oblong.

Size.—Length: 4.0 cm. Diameter: 0.8 cm.

Color at tight bud.—RHS 75A and RHS 72A.

Immature flower color.—RHS 75A and RHS 72A.

Texture.—Pubescent.

Inflorescence:

Blooming habit (flowering season).—Continuous flowering during the summer.

Inflorescence type.—Single flower.

Number of flowers per node.—1.

Lastingness of individual blooms on the plant.—6 days.

Fragrance.—Absent.

Pedicels.—Color: RHS 137C. Length: 2.0 cm. Diameter: 0.3 cm.

Texture.—Smooth.

Flowers:

Shape.—Cup-shaped.

Size.—Diameter (flower face): 5.5 cm. Depth (total length of flower): 4.0 cm. Funnel: Length: 3.3 cm. Diameter (at opening): 1.0 cm. Outside texture: Smooth.

Mature flower.—Face/Margin Color: Upper surface: RHS 71A and RHS 155C. Lower surface: RHS 70B

and RHS 155C. Corolla tube: Color inside (throat): RHS 71A. Color outside: RHS 70B. Petals: Apex: Rounded to emarginate. Base: Reniform. Margin: Undulating. Waviness: Low. Lobation: Low. Texture (both surfaces): Smooth.

Calyx arrangement.—One star-shaped calyx tube with five sepals fused at the base per flower.

Sepals.—Number: 5. Color: Upper surface: RHS 138A. Lower surface: RHS 138B. Length: 2.0 cm. Width: 0.5 cm. Shape: Lanceolate to elliptic. Apex: Obtuse. Base: Fused. Margin: Entire. Texture (both surfaces): Smooth.

Reproductive organs:

Stamens.—Quantity: 5. Shape: Needle-like with elliptic head. Filament: Length: 0.5 cm. Diameter: 0.1 cm. Color: RHS 150A. Anther: Shape: Elliptic. Color: RHS 76C. Length: 0.3 cm. Diameter: 0.2 cm. Pollen: Color: RHS 76C. Amount: Abundant.

Pistils.—Number: 1. Length: 0.5 cm. Diameter 0.1 cm. Stigma: Color: RHS 150A. Shape: Oval. Length: 1.9 cm. Diameter: 0.1 cm. Style: Color: RHS 150C. Length: 2.0 cm. Diameter: 0.1 cm. Texture: Fibrous.

Fruit and seed set: None observed.

Disease and insect resistance: Not observed.

COMPARISON WITH PARENTAL AND COMMERCIAL CULTIVARS

‘KLEPH07119’ differs from the female parent, the *Petunia* ‘V 199’ (unpatented), in that ‘KLEPH07119’ has a compact semi-upright growth habit, while ‘V 199’ has a semi-trailing growth habit. In addition, ‘KLEPH07119’ has a flower with a white background, red-purple veins and a dark-purple eye, while ‘V 199’ has a pinkish-white flower.

‘KLEPH07119’ differs from the male parent, the proprietary *Petunia* ‘V 019’ (unpatented), in that ‘KLEPH07119’ has a compact semi-upright growth habit, while ‘V 019’ has an upright growth habit. In addition, ‘KLEPH07119’ has a flower with a white background, red-purple veins and a dark-purple eye, while ‘V 019’ has a pure purple flower with white spots. ‘KLEPH07119’ differs from the commercial comparison variety ‘Famous Violet Dark Eye’ (unpatented) in that ‘KLEPH07119’ is more tolerant of rain than ‘Famous Violet Dark Eye’.

I claim:

1. A new and distinct cultivar of *Petunia* plant as shown and described herein.

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