



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

(10) **Patent No.:** **US PP20,114 P2**  
(45) **Date of Patent:** **Jun. 23, 2009**

(54) **PETUNIA PLANT NAMED ‘KLEPH07137’**

(50) Latin Name: ***Petunia* hybrid**  
Varietal Denomination: **KLEPH07137**

(75) Inventor: **Nils Klemm**, Stuttgart (DE)

(73) Assignee: **Klemm+Sohn GmbH & Co. KG**,  
Stuttgart (DE)

(\*) 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.: **12/082,051**

(22) Filed: **Apr. 7, 2008**

(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.

*Primary Examiner*—Susan B McCormick Ewoldt  
(74) *Attorney, Agent, or Firm*—Jondle & Associates, P.C.

(57) **ABSTRACT**

A new cultivar of *Petunia* particularly characterized by light  
blue flowers and a compact and semi-upright growth habit, is  
disclosed.

**1 Drawing Sheet**

**1**

Genus and species: *Petunia* hybrid.  
Variety denomination: ‘KLEPH07137’.

#### 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 ‘KLEPH07137’.  
‘KLEPH07137’ was discovered as a seedling resulting from  
a cross conducted in summer 2004 in Stuttgart, Germany  
between the proprietary female *Petunia* parent, ‘W 014’  
(unpatented) and the proprietary male *Petunia* parent, ‘W  
022’ (unpatented). A single plant selection was subsequently  
chosen for further evaluation and for asexual propagation.

The new cultivar was created in May 2005 in Stuttgart,  
Germany and has been asexually reproduced repeatedly by  
vegetative cuttings and in vitro propagation in Stuttgart, Ger-  
many for more than 35 generations. ‘KLEPH07137’ has  
been found to retain its distinctive characteristics through  
successive asexual propagations.

Plan Breeder’s Rights for this cultivar were applied for in  
Canada on Apr. 20, 2007 and in Switzerland on Jul. 6, 2007.  
‘KLEPH071237’ 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. Light blue flowers; and
2. A compact and semi-upright growth habit.

#### DESCRIPTION OF THE PHOTOGRAPH

This new *Petunia* plant is illustrated by the accompanying  
photograph which shows a close-up of the mature flower; 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 rooted cuttings  
in an 11-cm pot in a greenhouse (glasshouse) in Stuttgart,  
Germany under conditions which approximate those gener-  
ally used in commercial practice.

**2**

#### DESCRIPTION OF THE NEW CULTIVAR

The following detailed descriptions set forth the distinc-  
tive characteristics of ‘KLEPH07137’. 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 11-cm pots that  
were pinched once approximately one week after potting  
and grown in a greenhouse in January through May. The  
color readings were determined under natural light. Color  
references are to the R.H.S. Colour Chart of The Royal Hor-  
ticultural 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* parent, ‘W  
014’ (unpatented).  
*Male parent*.—The proprietary *Petunia* parent, ‘W 022’  
(unpatented).
- Plant:  
*Form*.—Compact.  
*Habit*.—Upright.  
*Height (from top of soil)*.—15 cm.  
*Width (horizontal plant diameter)*.—20 cm.  
*Propagation*.—Vegetative propagation by cuttings or in  
vitro propagation.  
*Time to produce a finished flowering plant*.—13 weeks.  
*Time to initiate and develop roots*.—21 days.  
*Root description*.—Moderate density and freely  
branching, white roots.
- Stems:  
*Average number (basal)*.—6.  
*Length of basal branches (from the base of the stem to  
the tip)*.—13 cm.  
*Internode length*.—0.5 cm to 2.5 cm.  
*Diameter of branches (from midpoint)*.—2.0 cm to 6.0  
cm.  
*Stem color*.—RHS 137C.  
*Anthocyanin*.—Absent.

- Texture*.—Smooth.
- Leaves:
- Arrangement*.—Alternate.
- Size*.—Length: 1.0 cm to 3.5 cm. Width: 0.5 cm to 3.0 cm.
- Shape*.—Broadly elliptic.
- Margin*.—Very weak undulation.
- Apex*.—Acute.
- Base*.—Obtuse.
- Color, immature leaf*.—Upper surface: RHS 138A. Lower surface: RHS 138C.
- Color, mature leaf*.—Upper surface: RHS 146A. Lower surface: RHS 146B.
- Texture*.—Smooth.
- Venation*.—Pinnate.
- Venation color*.—Upper surface: RHS 145A. Lower surface: RHS 145B.
- Petioles*.—Length: 0.2 cm to 2.2 cm. Diameter: 0.2 cm. Color (both the upper and lower surfaces): RHS 138B. Texture: Smooth.
- Flower bud:
- Shape*.—Irregular, oblong.
- Size*.—Length: 4.2 cm. Diameter: 1.0 cm.
- Color at tight bud*.—RHS 91D.
- Immature flower color*.—RHS 91B.
- 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*.—7 days.
- Fragrance*.—Absent.
- Pedicels*.—Color: RHS 137C. Length: 1.8 cm. Diameter: 0.2 cm.
- Texture*.—Smooth.
- Flowers:
- Shape*.—Cup-shaped.
- Size*.—Diameter (flower face): 6.0 cm. Depth (total length of flower): 4.0 cm. Funnel: Length: 3.0 cm. Diameter (at opening): 1.0 cm. Outside texture: Smooth.
- Mature flower*.—Face/Margin Color: Upper surface: RHS 91A. Lower surface: RHS 91C. Corolla: Shape:

- Cup-shaped. Color inside: Throat: RHS 91A. Tube: RHS 4D. Color outside: Throat: RHS 91A. Tube: RHS 4C. Petals: Apex: Rounded to emarginate. Base: Reniform. Margin: Undulating. Waviness: Weak. Lobation: Moderate. Texture: Smooth.
- Sepals*.—Number: 5. Color: RHS 138A. Length: 2.0 cm. Width: 0.5 cm. Shape: Lanceolate to elliptic. Apex: Obtuse. Base: Open. Margin: Entire. Texture: Smooth.
- Reproductive organs:
- Stamens*.—Quantity: 5. Shape: Needle-like with an elliptic head. Filament: Color: RHS 150A. Length: 0.6 cm. Diameter: 0.1 cm. Anther: Shape: Elliptic. Color: RHS 4D. Length: 0.3 cm. Diameter: 0.2 cm. Pollen: Color: RHS 4D. Amount: Abundant.
- Pistils*.—Number: 1. Length: 0.6 cm. Diameter: 0.1 cm. Stigma: Color: RHS 150A. Shape: Oval. Length: 1.8 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

‘KLEPH07137’ differs from the female parent, the proprietary *Petunia* ‘W 014’ (unpatented) in that ‘KLEPH07137’ has an average *Petunia* flower size with light blue flowers, while ‘W 014’ has larger dark blue flowers.

‘KLEPH07137’ differs from the male parent, the proprietary *Petunia* ‘W 022’ (unpatented) in that ‘KLEPH07137’ has an average *Petunia* flower size with light blue flowers and a compact and semi-upright growth habit, while ‘W 022’ has smaller light blue flowers and only a semi-upright growth habit.

‘KLEPH07137’ differs from the commercial comparison variety ‘Famous Light Blue/U 282’, also known as ‘KLEC02061’ (unpatented) in that ‘KLEPH07137’ has a more compact and semi-upright growth habit than ‘Famous Light Blue/U 282’.

I claim:

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

\* \* \* \* \*



