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

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(54) **PETUNIA PLANT NAMED ‘KLEPH05113’**

(50) Latin Name: *Petunia*×*hybrida*  
Varietal Denomination: **KLEPH05113**

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patent is extended or adjusted under 35  
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See application file for complete search history.

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(57) **ABSTRACT**

A new and distinct cultivar of *Petunia* plant named  
‘KLEPH05113’, characterized by its compact and outwardly  
spreading growth habit; mounded plant habit; freely branch-  
ing habit; freely flowering habit; relatively large red-colored  
flowers; and good garden performance.

**1 Drawing Sheet**

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Botanical designation: *Petunia*×*hybrida*.  
Cultivar denomination: ‘KLEPH05113’.

### BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar  
of *Petunia*, botanically known as *Petunia*×*hybrida* and here-  
inafter referred to by the name ‘KLEPH05113’.

The new *Petunia* is a product of a planned breeding  
program conducted by the Inventor in Stuttgart, Germany.  
The objective of the breeding program is to create new  
freely-branching *Petunia* cultivars with compact and trailing  
plant habit, early and freely flowering habit, and unique and  
attractive flower color.

The new *Petunia* originated from a cross-pollination  
made by the Inventor during the summer of 2002 in  
Stuttgart, Germany of a proprietary selection of *Petunia*×  
*hybrida* identified as code number V 188, not patented, as  
the female, or seed, parent with a proprietary selection of  
*Petunia*×*hybrida* identified as code number V 56, not  
patented, as the male, or pollen, parent. The new *Petunia*  
was discovered and selected by the Inventor as a single  
flowering plant within the progeny of the stated cross-  
pollination in a controlled environment in Stuttgart, Ger-  
many in May, 2003.

Asexual reproduction of the new *Petunia* by terminal  
cuttings in a controlled environment in Stuttgart, Germany  
since June, 2003, has shown that the unique features of this  
new *Petunia* are stable and reproduced true to type in  
successive generations.

### SUMMARY OF THE INVENTION

The cultivar KLEPH05113 has not been observed under  
all possible environmental conditions. The phenotype may  
vary somewhat with variations in environment and cultural  
practices such as temperature 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  
‘KLEPH05113’. These characteristics in combination dis-  
tinguish ‘KLEPH05113’ as a new and distinct cultivar of  
*Petunia*:

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1. Compact and outwardly spreading growth habit;  
mounded plant habit.
2. Freely branching habit.
3. Freely flowering habit.
4. Relatively large red-colored flowers.
5. Good garden performance.

Plants of the new *Petunia* can be compared to plants of the  
female parent selection. Plants of the new *Petunia* differ  
primarily from plants of the female parent selection in  
flower color as plants of the female parent selection have  
orange red-colored flowers.

Plants of the new *Petunia* can be compared to plants of the  
male parent selection. Plants of the new *Petunia* differ from  
plants of the male parent selection in the following charac-  
teristics:

1. Plants of the new *Petunia* are more compact and  
uniform than plants of the male parent selection.
2. Plants of the new *Petunia* and the male parent selection  
differ in flower coloration as plants of the male parent  
selection have light red-colored flowers.

Plants of the new *Petunia* can be compared to plants of the  
*Petunia* selection V91, not patented. In side-by-side com-  
parisons conducted in Stuttgart, Germany, plants of the new  
*Petunia* differed from plants of the selection V 91 in the  
following characteristics:

1. Plants of the new *Petunia* were more mounding than  
plants of the selection V 91.
2. Plants of the new *Petunia* had smaller leaves and  
flowers than plants of the selection V 91.

### BRIEF DESCRIPTION OF THE PHOTOGRAPH

The accompanying colored photograph illustrates the  
overall appearance of the new *Petunia*, showing the colors  
as true as it is reasonably possible to obtain in colored  
reproductions of this type. Colors in the photograph may  
differ slightly from the color values cited in the detailed  
botanical description which accurately describe the colors of  
the new *Petunia*. The photograph comprises a side perspec-  
tive view of typical flowering plants of ‘KLEPH05113’  
grown in a hanging basket container.

## DETAILED BOTANICAL DESCRIPTION

The photograph and following observations, measurements and values describe plants grown in Stuttgart, Germany, under commercial practice during the spring in a glass-covered greenhouse with day temperatures averaging 18° C., night temperatures averaging 14° C. and light levels averaging 20,000 lux. Rooted young plants had been growing for about five months when the photograph and description were taken. Plants used for the description were grown in 12-cm containers. In the following description, color references are made to The Royal Horticultural Society Colour Chart, 1995 Edition, except where general terms of ordinary dictionary significance are used.

Botanical classification: *Petunia*×*hybrida* cultivar KLEPH05113.

## Parentage:

*Female, or seed, parent.*—Proprietary selection of *Petunia*×*hybrida* identified as code number V 188, not patented.

*Male, or pollen, parent.*—Proprietary selection of *Petunia*×*hybrida* identified as code number V 56, not patented.

## Propagation:

*Type.*—By terminal cuttings.

*Time to produce a rooted young plant, summer.*—About three weeks at temperatures of 20° C. to 26° C.

*Time to produce a rooted young plant, winter.*—About 25 days at temperatures of 20° C.

*Root description.*—Fine, fibrous; white in color.

*Rooting habit.*—Freely branching; moderately dense.

## Plant description:

*Plant and growth habit.*—Compact, outwardly spreading growth habit, mounded plant habit. Freely branching habit with about six primary lateral branches each with multiple secondary lateral branches; pinching is typically not required. Moderately vigorous growth habit.

*Plant height.*—About 8 cm.

*Plant diameter.*—About 18 cm.

## Lateral branch description:

*Length.*—About 10 cm.

*Diameter.*—About 2.5 mm.

*Internode length.*—About 0.5 cm to 2.5 cm.

*Strength.*—Strong.

*Aspect.*—Initially upright to outwardly spreading.

*Texture.*—Smooth, glabrous.

*Color.*—137C.

## Foliage description:

*Arrangement.*—Alternate, simple.

*Length.*—About 2.5 cm.

*Width.*—About 2 cm.

*Shape.*—Broadly elliptic.

*Apex.*—Acute.

*Base.*—Obtuse.

*Margin.*—Entire; weakly undulate.

*Texture, upper surface.*—Slightly pubescent.

*Texture, lower surface.*—Smooth, glabrous.

*Venation pattern.*—Pinnate; arcuate.

*Color.*—Developing foliage, upper surface: 137A.

Developing foliage, lower surface: 137C. Fully

expanded foliage, upper surface: 147A; venation,

146D. Fully expanded foliage, lower surface: 147B;

venation, 145A.

*Petiole length.*—About 2 mm to 8 mm.

*Petiole diameter.*—About 3 mm.

*Petiole texture, upper and lower surfaces.*—Smooth, glabrous.

*Petiole color, upper surface.*—145A.

*Petiole color, lower surface.*—145B.

## Flower description:

*Flower arrangement and habit.*—Relatively large salverform flowers arranged singly arising from leaf axils. Freely flowering habit with usually about 27 open flowers and flower buds developing per lateral branch. Flowers not persistent. Flowers face mostly upright to outwardly.

*Fragrance.*—None detected.

*Natural flowering season.*—Plants flower continuously throughout the summer in Germany.

*Flower longevity.*—Individual flowers last about one week on the plant.

*Flower diameter.*—About 7 cm.

*Flower length (height).*—About 5 cm.

*Flower throat diameter.*—About 1.6 cm.

*Flower tube diameter.*—About 5 mm.

*Flower tube length.*—About 2.4 cm.

*Flower bud.*—Shape: Elongated oblong. Length: About 3 cm. Diameter: About 1.6 cm. Color: 181D.

*Corolla.*—Arrangement: Five petals fused at the base and opening into a flared trumpet. Petal length from throat: About 2.5 cm to 3.5 cm. Petal lobe width: About 2.4 cm. Petal shape: Roughly cordate. Petal apex: Crenate. Petal margin: Entire; undulating. Petal texture, upper and lower surfaces: Smooth, glabrous; satiny. Throat and tube texture: Smooth, glabrous. Color: Petal, when opening and fully opened, upper surface: 52A; venation, 52A. Color becoming closer to 50A with development. Petal, when opening and fully opened, lower surface: 52C; venation, 52C. Throat: 46C; venation, 46A. Tube: 160A; venation, 46A.

*Calyx.*—Arrangement: One star-shaped calyx tube with five sepals fused at the base per flower. Sepal length: About 1.6 cm. Sepal width: About 5 mm. Sepal shape: Lanceolate to elliptical. Sepal apex: Obtuse. Sepal margin: Entire. Sepal texture, upper and lower surfaces: Smooth, glabrous. Color, upper surface: 138A. Color, lower surface: 138B.

*Peduncles.*—Length: About 5 cm. Diameter: About 3 mm. Angle: Erect to about 60° from stem axis. Strength: Moderately strong. Texture: Smooth, glabrous. Color: 137C.

*Reproductive organs.*—Stamens: Quantity/arrangement: Four per flower. Anther shape: Elliptic. Anther length: About 3 mm. Anther color: 2C. Pollen amount: Moderate. Pollen color: 2B. Pistils: Quantity: One per flower. Pistil length: About 7 mm. Style length: About 5 mm. Style color: 1C. Stigma shape: Oval. Stigma color: 1C. Ovary color: 1C. Seed/fruit: Seed and fruit development have not been observed on plants of the new *Petunia*.

Garden performance: Plants of the new *Petunia* have been observed to have good garden performance and tolerate wind, rain and temperatures ranging from about 5° C. to about 50° C.

Pathogen/pest resistance: Plants of the new *Petunia* have not been observed to be resistant to pathogens and pests common to *Petunia*.

It is claimed:

1. A new and distinct *Petunia* plant named 'KLEPH05113' as illustrated and described.

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