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Klemm et al.

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(54) **PETUNIA PLANT NAMED ‘KLEPH13228’**

(50) Latin Name: *Petunia hybrida*
Varietal Denomination: **KLEPH13228**

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(52) **U.S. Cl.**
USPC **Plt./356.16**

(58) **Field of Classification Search**
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See application file for complete search history.

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(57) **ABSTRACT**

A new *petunia* plant particularly distinguished by having
single, light blue colored flowers, and an upright mounding,
medium-compact vigour plant habit, is disclosed

1 Drawing Sheet

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Genus and species: *Petunia hybrida*.
Variety denomination: ‘KLEPH13228’.

BACKGROUND OF THE NEW PLANT

The present invention comprises a new and distinct variety
of *petunia*, botanically known as *Petunia hybrida* and here-
inafter referred to by the variety name ‘KLEPH13228’.
‘KLEPH13228’ is a selection from a cross-pollination of the
proprietary female *petunia* line ‘PH-2008-0221’ (unpatented)
and the proprietary male *petunia* line ‘PH-2008-0448’ (unpat-
ented).

In July of 2009 the proprietary female *petunia* line ‘PH-
2008-0221’ and the proprietary male *petunia* line ‘PH-2008-
0448’ were cross-pollinated in Latina, Italy and seeds were
obtained. The seeds were sown and plants were grown for
evaluation. A plant line was selected in April 2010 in Latina,
Italy and named ‘KLEPH13228’. In April 2010,
‘KLEPH13228’ was first vegetatively propagated by terminal
tip cuttings and tissue culture. ‘KLEPH13228’ was found to
reproduce true to type in successive generations of asexual
propagation via terminal tip cuttings and tissue culture in
Stuttgart, Germany.

SUMMARY

The following are the most outstanding and distinguishing
characteristics of this new variety when grown under normal
horticultural practices in Stuttgart, Germany and Latina, Italy.

1. Single, light blue colored flowers; and
2. An upright, mounding, medium-compact vigour plant
habit.

DESCRIPTION OF THE PHOTOGRAPHS

This new *petunia* plant is illustrated by the accompanying
photographs which show an overall view of the plant. The
colors shown are as true as can be reasonably obtained by
conventional photographic procedures.

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FIG. 1 shows the overall plant habit of the plant grown in a
basket. The plant is about 5 months-old grown in Stuttgart,
Germany in July 2013.

5 FIG. 2 shows a close-up of the mature inflorescence of the
plant grown in a pot. The plant is about 3 months-old grown
in Stuttgart, Germany in May 2013.

DESCRIPTION OF THE NEW VARIETY

10 The following detailed descriptions set forth the distinctive
characteristics of ‘KLEPH13228’. The data which define
these characteristics were collected from asexual reproduc-
tions carried out in Latina, Italy. Data was collected on thir-
teen-week-old plants grown indoors in Latina, Italy under
15 greenhouse conditions in March of 2014. Color references are
to The R.H.S. Colour Chart of The Royal Horticultural Soci-
ety of London (R.H.S.), 5th edition (2007).

Classification:

- Family.*—Solanaceae.
- Species.*—*Petunia hybrida*.
- Common name.*—*Petunia*.
- Variety.*—‘KLEPH13228’.

Parentage:

- 25 *Female.*—Proprietary *petunia* line ‘PH-2008-0221’.
- Male.*—Proprietary *petunia* line ‘PH-2008-0448’.

Plant:

- Form.*—Medium, compact.
- Habit.*—Upright, mounding.
- 30 *Height (from top of soil).*—About 12.0 cm.
- Width (horizontal plant diameter).*—About 20.0 cm.
- Propagation.*—Terminal tip cuttings and tissue culture.
- Time to produce a finished flowering plant.*—13 to 14
weeks in winter, 7 weeks in spring.
- 35 *Time to initiate and develop roots.*—2 to 3 weeks.
- Root description.*—Moderate density, moderate branch-
ing, white roots.

Stems:

- Average number (basal).*—About 15.0 cm.

Length of basal branches (from the base of the stem to the tip).—About 18.0 cm.

Internode length.—0.5 cm to 2.0 cm.

Diameter of branches (from midpoint).—0.4 cm.

Stem color.—RHS 143C.

Anthocyanin.—Absent.

Texture.—Pubescent.

Leaves:

Arrangement.—Alternate at the base of the stems, opposite on the flower stems.

Length.—3.5 cm.

Width.—2.7 cm.

Shape.—Obovate.

Apex.—Broadly acuminate.

Base.—Attenuate.

Margin.—Entire.

Immature leaf color.—Upper surface: RHS N137C. Lower surface: RHS 138A.

Mature leaf color.—Upper surface: RHS N137C. Lower surface: RHS 138A.

Texture.—Both upper and lower surfaces: Slightly pubescent.

Venation pattern.—Arcuate.

Venation color.—Both upper and lower surfaces: RHS N144A.

Petioles.—Length: 1.4 cm. Diameter: 0.4 cm. Color: RHS 145B. Texture: Slightly pubescent.

Flower bud:

Shape.—Irregular oblong.

Length.—About 4.0 cm.

Diameter.—0.6 cm.

Color at tight bud.—RHS 92D to RHS 145A and RHS 145C.

Texture.—Slightly pubescent.

Inflorescence:

Blooming habit (flowering season).—Permanent flowering during summer time.

Inflorescence type.—Cymose.

Number of flowers per node.—One.

Lastingness of individual blooms on the plant.—About one week.

Fragrance.—Absent.

Flowers.—Arrangement: Composed of 5 petals fused at the base. Shape: Funnel form. Diameter (flower face): 5.5 cm. Depth (total length of flower): 4.5 cm to 5.0 cm. Throat/Funnel: Length: 2.5 cm. Diameter (at opening): 1.5 cm. Texture: Both inner and outer surfaces: Smooth, glabrous. Color, immature flower: Face/Margin: RHS N87B. Upper surface: RHS N87B. Lower surface: RHS N87B. Color, mature flower: Face/Margin color: RHS N82B. Upper surface: RHS N82C. Lower surface: RHS N82D.

Petals.—Color: Inner surface: RHS N82B. Outer surface: RHS N82D. Apex: Mucronate. Base: Fused.

Margin: Entire. Strength of waviness: Weak. Degree of lobation: Medium to weak.

Calyx arrangement.—Actinomorphic, composed of 5 sepals.

Sepals.—Color: Upper surface: RHS N137A. Lower surface: RHS 137C. Length: 2.0 cm. Width: 0.6 cm. Shape: Narrowly oblong. Apex: Acute. Base: Attenuate. Margin: Entire. Texture: Both upper and lower surfaces: Slightly pubescent.

Pedicels.—Color: RHS 144A. Length: About 3.0 cm. Diameter: 0.2 cm. Texture: Pubescent.

Reproductive organs:

Stamens.—Quantity: 5. Shape: Needle with elliptical head. Filament: Length: 1.8 cm. Diameter: 0.05 cm. Color: RHS 145D. Anther: Shape: Ovate. Color: RHS 4D. Length: 0.25 cm. Diameter: 0.2 cm. Pollen: Color: RHS 4D. Amount: Moderate.

Pistils.—Quantity per flower: 1. Length: 2.2 cm. Stigma color: RHS N138C. Style color: RHS 145B.

Fruit and seed set: No fruit and seed set observed.

Disease and pest resistance: No disease and pest/insect resistance observed.

COMPARISON WITH PARENTAL LINES AND KNOWN VARIETY

‘KLEPH13228’ is a distinct variety of *petunia*. ‘KLEPH13228’ is distinguished from its parents as described in Table 1:

TABLE 1

Comparison with Parental Lines			
Trait	Variety ‘KLEPH13228’	Female parent ‘PH-2008-0221’	Male Parent ‘PH-2008-0488’
Flower type	Single	Double	
Flower color	Light blue	Salmon	Blue

‘KLEPH13228’ is most similar to the commercial *petunia* plant named ‘AlpeTunia Light Blue’ (not patented). Differences between the two varieties are described in Table 2:

TABLE 2

Comparison with Similar Variety		
Trait	Variety ‘KLEPH13228’	Commercial line ‘AlpeTunia Light Blue’
Plant habit	Mounding, medium-compact vigour	Hanging and vigorous

We claim:

1. A new and distinct variety of *petunia* plant named ‘KLEPH13228’ as illustrated and described herein.

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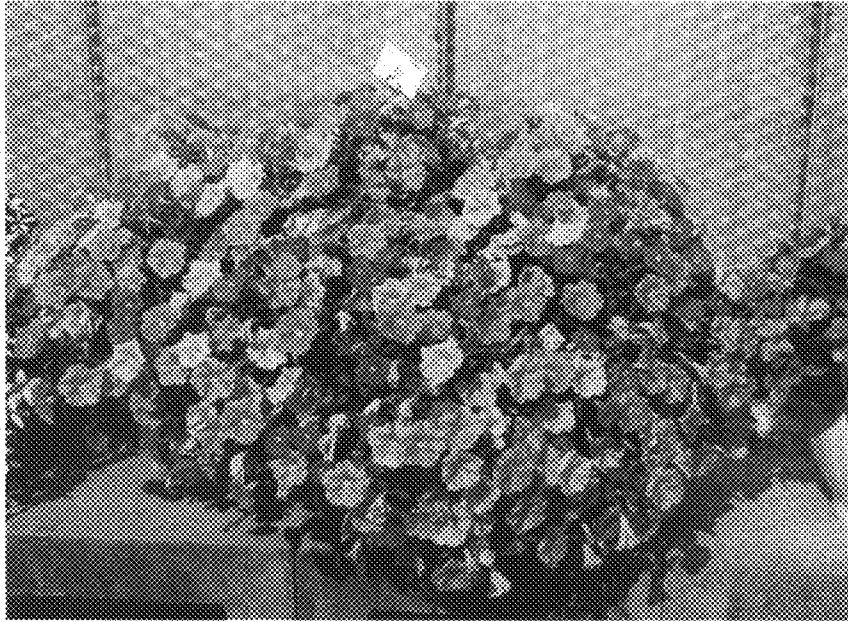


Fig.1

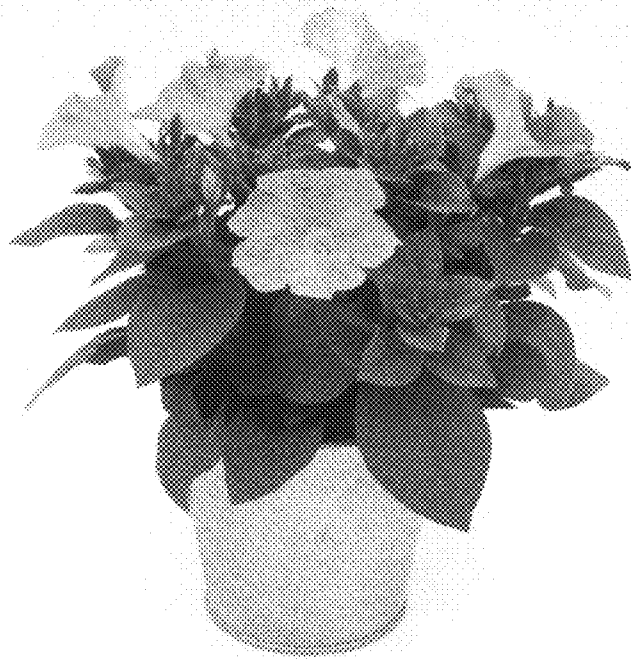


Fig.2