



(12) **United States Plant Patent**
Klemm et al.

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(54) **SUTERA PLANT NAMED ‘KLESG15004’**

(50) Latin Name: *Sutera grandiflora*
Varietal Denomination: **KLESG15004**

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(58) **Field of Classification Search**
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(57) **ABSTRACT**

A new *Sutera* plant particularly distinguished by having
large flowers with a light blue flower color, good quality and
very good branching, is disclosed.

1 Drawing Sheet

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Genus and species: *Sutera grandiflora*.
Variety denomination: ‘KLESG15004’.

BACKGROUND OF THE NEW PLANT

The present invention comprises a new and distinct vari-
ety of *Sutera*, botanically known as *Sutera grandiflora*, and
hereinafter referred to by the variety name ‘KLESG15004’.
‘KLESG15004’ originated from an open-pollination in the
summer of 2011 in Stuttgart, Germany, between the propri-
etary female *Sutera* variety ‘SG-2011-0073’ (unpatented) and
an unknown male *Sutera* variety.

In August of 2011, seed was collected from the open-
pollination cross of two *Sutera* parental lines, ‘SG-2011-
0073’ and an unknown *Sutera* in Stuttgart, Germany. The
seeds were sown in February 2012 and plants were grown
for evaluation. A plant line was selected in May 2012 and
subsequently named ‘KLESG15004’. In May 2012,
‘KLESG15004’ was first vegetatively propagated by in-vitro
cultivation in Stuttgart, Germany and in Italy.
‘KLESG15004’ was found to reproduce true to type in
successive generations of asexual propagation via in-vitro
cultivation.

SUMMARY

The following are the most outstanding and distinguish-
ing characteristics of this new variety when grown under
normal horticultural practices in Stuttgart, Germany.

1. Large flowers with a light blue flower color;
2. Good flower quality; and
3. Very good branching.

DESCRIPTION OF THE PHOTOGRAPH

This new *Sutera* plant is illustrated by the accompanying
photograph, which shows an overall view of the plant. The
photograph is of a 13-week-old plant grown in Stuttgart,
Germany in July of 2013.

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The colors shown are as true as can be reasonably
obtained by conventional photographic procedures.

DESCRIPTION OF THE NEW VARIETY

The following detailed descriptions set forth the distinc-
tive characteristics of ‘KLESG15004’. The data which
define these characteristics were collected from asexual
reproductions carried out in Stuttgart, Germany. Data was
collected on 10-week-old plants after potting, grown in a
controlled greenhouse environment in Stuttgart, Germany in
June of 2016. Color references are to The R.H.S. Colour
Chart of The Royal Horticultural Society of London
(R.H.S.), 5th edition (2005).

Classification:

Family.—Scrophulariaceae.
Botanical.—*Sutera grandiflora*.
Common.—*Sutera*.
Designation.—‘KLESG15004’.

Parentage:

Female parent.—Proprietary *Sutera* line ‘SG-2011-
0073’ (unpatented).

Male parent.—An unknown *Sutera* line.

Plant:

Habit.—Trailing, flat.

Height.—3.0 cm to 5.0 cm.

Spread.—40.0 cm.

Life cycle.—Blooms from spring until September.

Form.—Trailing, round.

Time to produce a rooted cutting.—Four weeks.

Time to bloom from propagation.—First flowers could
be observed after 3 weeks. Finished product is after
9 to 10 weeks.

Lastingness of inflorescence on the plant.—About 7
days.

Rooting habit.—Fine, fibrous roots.

Root color.—White to cream white.

Stems:
Number of stems per plant.—5.
Length.—26.0 cm.
Diameter.—0.3 cm.
Internode length.—About 2.5 cm. 5
Color.—RHS 138A.
Texture.—Smooth.
Anthocyanin.—Absent.

Leaves:
Arrangement.—Single, opposite. 10
Type.—Simple.
Number of leaves per branch.—About 30, depends on the age of the plant.
Variegation.—Absent.
Shape.—Ovate, acute angle to the stem. 15
Apex.—Acute.
Base.—Cordate.
Margin.—Serrate.
Length.—2.2 cm.
Width.—2.0 cm. 20
Color.—Immature leaf: Upper surface: RHS 138A. Lower surface: RHS 138D. Mature leaf: Upper surface: RHS N137C. Lower surface: RHS 138A.
Texture.—Upper surface: Leathery. Lower surface: Leathery. 25
Venation type.—Pinnate.
Venation color.—Upper surface: RHS N137C. Lower surface: RHS 138A.
Petiole.—Length: 0.7 cm. Diameter: 0.2 cm. Texture: Smooth. Color: RHS N137A. 30

Inflorescence:
Blooming habit.—Freely flowering.
Quantity of inflorescence per stem.—About 12.
Type of inflorescence.—Flowers are often solitary, most often 2 flowers per node are developed, persistent. 35
Natural flowering season.—Spring until September.
Fragrance.—Flower is not fragrant, but foliage has the typical *Sutera* fragrance.
Pedicel.—Color: RHS 138A. Length: About 1.0 cm. Diameter: 0.1 cm. Texture: Pubescent. Strength: Moderate. 40
Peduncle.—Length: 6.0 cm to 10.0 cm. Diameter: 0.3 cm. Color: RHS 137D. Texture: Pubescent. Strength: Moderate.
Corolla (flower).—Bud: Shape: Tubular. Diameter: 0.4 cm. Length: 0.6 cm. Color (at tight bud): RHS 157A (by maturing it changes to RHS 112D). 45
Type and shape.—Single-type, nearly round, lower part tube and funnel shaped formed by 5 fused petals, upper part is salver shaped formed by the partly free petal lobes. 50
Corolla, horizontal diameter.—2.2 cm.
Corolla, total length.—0.5 cm. Color of throat: Inner surface: RHS 23A. Outer surface: RHS 23C.
Funnel/tube.—Length: 0.5 cm. Diameter: 0.4 cm. Texture of funnel: Inner surface: Smooth. Outer surface: Smooth. 55

Petal (lobes).—Length: 0.9 cm. Width: 0.7 cm. Apex: Rounded tips. Base: Fused. Margin: Entire. Color: Inner surface: RHS 91D. Outer surface: RHS 91C. Texture: Upper surface: Smooth. Lower surface: Smooth.
Calyx.—Arrangement and appearance: Whorl of 5 sepals surrounding the base of the flower tube, sepals are fused at the base. Sepals: Color: Upper surface: RHS 137D. Lower surface: RHS 137D. Length: 0.6 cm. Width: 0.1 cm. Shape: Apex: Acute. Base: Fused. Margin: Entire. Texture: Upper and lower surfaces: Densely pubescent.
Reproductive organs:
Stamens.—Quantity: 4. Filament: Color: RHS 155B. Length: 0.5 cm. Diameter: 0.1 cm. Anther color: RHS 23A. Pollen amount: Abundant. Pollen color: RHS 23A.
Pistil.—Quantity per flower: 1. Length: 1.3 cm. Stigma color: RHS 145C. Style color: RHS 145D. Style length: 0.8 cm. Ovary color: RHS 145D.
Fruit and seed set: None observed.
Disease and pest/insect resistance: None observed.

COMPARISON WITH PARENTAL LINE AND KNOWN VARIETY

‘KLESG15004’ is distinguished from its female parent as described in Table 1:

TABLE 1		
Comparison with Parental Line		
Trait	Variety ‘KLESG15004’	Female parent ‘SG-2011-0073’
Flower color	Light blue	Lavender
Branching	Very good	Bad

‘KLESG15004’ is most similar to the *Sutera* plant named ‘KLESG14831’ (U.S. Plant Pat. No. 27,738). Differences between the two varieties are described in Table 2:

TABLE 2		
Comparison with Similar Variety		
Trait	Variety ‘KLESG15004’	Commercial line ‘KLESG14831’
Flower color	Light Blue	Blue

We claim:
1. A new and distinct variety of *Sutera* plant named ‘KLESG15004’ as illustrated and described herein.

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