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

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(54) **VERBENA PLANT NAMED ‘KLEVP08381’**
(50) Latin Name: *Verbena hybrida*
Varietal Denomination: **KLEVP08381**
(75) Inventor: **Ruijun Li**, North Parramata (AU)
(73) Assignee: **Klemm+Sohn GmbH & Co. KG**,
Stuttgart (DE)
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patent is extended or adjusted under 35
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(52) **U.S. Cl.** **Plt./308**
(58) **Field of Classification Search** **Plt./308**
See application file for complete search history.
Primary Examiner—Kent L Bell
(74) *Attorney, Agent, or Firm*—Jondle & Associates, P.C.

(57) **ABSTRACT**

A new cultivar of *Verbena* named ‘KLEVP08381’ particu-
larly characterized by a large red inflorescence, a semi-trail-
ing growth habit, and high resistance to powdery mildew, is
disclosed.

1 Drawing Sheet

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Genus and species: *Verbena hybrida*.

Variety denomination: ‘KLEVP08381’.

BACKGROUND OF THE NEW PLANT

The present invention comprises a new and distinct cultivar
of *Verbena*, botanically known as *Verbena hybrida*, and here-
inafter referred to by the cultivar name ‘KLEVP08381’.
‘KLEVP08381’ was discovered as a seedling resulting from a
cross conducted in Spring 2006 in New South Wales, Cob-
bitty, Australia between the proprietary female *Verbena* par-
ent, ‘00.055.20’ (unpatented) and the proprietary male *Ver-*
bena parent, ‘00.051.36’ (unpatented). A single plant
selection was subsequently chosen for further evaluation and
for asexual propagation.

The new cultivar was first propagated in Fall 2006 by
vegetative cuttings in Stuttgart, Germany and has been asexu-
ally reproduced repeatedly by vegetative cuttings over four
generations. ‘KLEVP08381’ has been found to retain its dis-
tinctive characteristics through successive asexual propaga-
tions.

Plant Breeder’s Rights for this cultivar were applied for in
Canada on Apr. 8, 2008 and in Switzerland on Aug. 15, 2008.
‘KLEVP08381’ 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 normal
commercial practices in a greenhouse in Stuttgart, Germany.

1. Large red inflorescences;
2. A semi-trailing growth habit; and
3. High resistance to powdery mildew.

DESCRIPTION OF THE PHOTOGRAPH

This new *Verbena* plant is illustrated by the accompanying
photograph which shows inflorescences and foliage of the
plant; the colors shown are as true as can be reasonably
obtained by conventional photographic procedures.

The photograph is of a plant about 4-months old and grown
from rooted cuttings in open ground and grown in a green-
house (glasshouse) in Stuttgart, Germany under natural light.

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DESCRIPTION OF THE NEW CULTIVAR

The following detailed descriptions set forth the distinctive
characteristics of ‘KLEVP08381’. The data which define
these characteristics were collected from asexual reproduc-
tions carried out in Stuttgart, Germany. The plant history was
taken on 4-month old plants in open ground and grown in a
glass covered greenhouse. The plants were pinched once
approximately two weeks after potting. The color readings
were determined under natural light. Color references are to
The RHS Colour Chart of The Royal Horticultural Society of
London (RHS) (2001).

DESCRIPTION OF THE NEW PLANT

Classification:

Family.—Verbenaceae.
Genus and species.—*Verbena hybrida*.
Common name.—*Verbena*.

Parentage:

Female parent.—The proprietary female *Verbena* plant,
‘00.055.20’ (unpatented).
Male parent.—The proprietary *Verbena* plant,
‘00.051.36’ (unpatented).

Plant:

Growth and branching habit.—Semi-trailing.
Height (from top of soil).—Approximately 25 cm.
Width (horizontal plant diameter).—Approximately 40
cm.
Time to produce a finished flowering plant.—10 weeks.
Time to initiate and develop roots.—20 days.
Root description.—Smooth roots with an ovate shape.

Stems:

Number of branches per plant.—Numerous, greater
than 5.
Growth habit.—Stems grow from the middle in a star or
V-shape.
Length.—Approximately 15.0 cm.
Diameter.—15.0 cm.
Internode length.—Approximately 3.5 cm.
Color.—RHS 135C.
Anthocyanin.—Absent.
Texture and appearance.—Shiny, ovate, slightly pubes-
cent.

Leaves:

Arrangement.—Opposite.

Immature and mature leaf.—Color: Upper surface: RHS 135B. Lower surface: RHS 135C.

Length.—2.5 cm.

Width.—1.5 cm.

Shape.—Lanceolate.

Apex.—Cuspidate.

Base.—Truncate.

Margin.—Serrate.

Texture.—Leathery.

Venation.—Pinnate.

Venation color.—Darker than RHS 135B.

Petioles.—Length: Approximately 0.1 cm. Diameter: Approximately 0.1 cm. Color: RHS 135B. Texture: Leathery.

Flower buds:

Shape.—Tall, cylindrical.

Length.—1.0 cm.

Diameter.—Less than 0.1 cm.

Color (at tight bud).—RHS 135C.

Inflorescence:

Blooming habit (flowering season).—Continuous.

Lastingness of individual blooms on the plant.—High, approximately 1 week.

Fragrance.—Absent.

Inflorescence type.—Umbel.

Length of inflorescence.—2.0 cm to 3.0 cm.

Diameter of inflorescence.—Approximately 6.0 cm.

Number of florets per inflorescence.—20.

Peduncle.—Length: Approximately 2.0 cm. Diameter: Approximately 0.1 cm. Color: RHS 45B. Texture: Leathery.

Florets:

Form.—Single.

Length.—2.0 cm.

Diameter.—2.0 cm.

Color.—Immature: Upper surface: RHS 44B. Lower surface: RHS 44C. Mature: Upper surface: RHS 45B. Lower surface: RHS 45C.

Corolla tube length.—0.5 cm.

Corolla tube color.—RHS 131B.

Petals.—Length of lobe: 1.0 cm. Diameter of lobe: 0.5 cm. Lobe shape: Reniform. Apex: Obtuse. Base: Acute. Margin: Sinuate. Texture (both surfaces): Shiny.

Pedicels.—Length: 1.0 cm. Diameter: 0.5 cm. Color: RHS 45C. Texture and appearance: Shiny.

Calyx:

Arrangement.—Composed of 10 vase-shaped sepals arranged in a single row.

Sepals:

Shape.—Round.

Length.—0.5 cm.

Diameter.—Greater than 0.1 cm.

Color.—RHS 143D.

Apex.—Obtuse, vase-shaped.

Base.—Obtuse, vase-shaped.

Margin.—Entire.

Texture.—Leathery.

Reproductive organs:

Stamens.—Quantity: 5. Appearance: Shiny. Color: RHS 131D. Filament length: 3.0 cm. Filament diameter: 1.0 cm.

Anther.—Color: RHS 131C. Length: 1.0 cm. Diameter: 0.1 cm.

Pollen.—Amount: None, sterile.

Pistils.—Number: 1. Length: 1.0 cm. Diameter: Less than 0.1 cm. Stigma: Color: RHS 143D. Appearance: Shiny. Length: 0.1 cm. Diameter: Less than 0.1 cm. Style: Color: RHS 143D. Length: 0.1 cm. Diameter: Less than 0.1 cm. Appearance: Shiny.

Fruit and seed set: None observed.

Disease and insect resistance: High resistance to powdery mildew. No resistance to insects has been observed.

COMPARISON WITH PARENTAL AND
COMMERCIAL CULTIVARS

‘KLEVP08381’ differs from the female parent, the proprietary *Verbena* ‘00.055.20’ (unpatented) in that ‘KLEVP08381’ has red inflorescences, while ‘00.055.20’ has burgundy inflorescences.

‘KLEVP08381’ differs from the male parent, the proprietary *Verbena* ‘00.051.36’ (unpatented) in that ‘KLEVP08381’ has a less vigorous growth habit than ‘00.051.36.’

‘KLEVP08381’ differs from the commercial comparison variety ‘Lanai Red 07’ (U.S. Plant Pat. No. 18,986, also known as ‘Lan Reda07’) in that ‘KLEVP08381’ has better mildew resistance, while ‘Lanai Red 07’ is not very mildew resistant.

I claim:

1. A new and distinct cultivar of *Verbena* plant named ‘KLEVP08381’ as shown and described herein.

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