

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

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(54) **VERBENA PLANT NAMED ‘KLEVP07363’**

(50) Latin Name: **Verbena hybrid**
Varietal Denomination: **KLVP07363**

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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.

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(57) **ABSTRACT**

A new cultivar of *Verbena* particularly characterized by a
brilliant, large purple flower with a large eye, a mounding
and healthy growth habit and good resistance to powdery
mildew, is disclosed.

1 Drawing Sheet

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Genus and species: *Verbena* hybrid.
Variety denomination: ‘KLEVP07363’.

BACKGROUND OF THE NEW PLANT

The present invention comprises a new and distinct culti-
var of *Verbena*, botanically known as *Verbena* hybrid, and
hereinafter referred to by the cultivar name ‘KLEVP07363’.
‘KLEVP07363’ was discovered as a seedling resulting from
a cross conducted in fall 2004 in New South Wales,
Cobbitty, Australia between the proprietary female *Verbena*
parent, ‘00.573.20’ (unpatented) and the proprietary male
Verbena parent, ‘00.665.10’ (unpatented). A single plant
selection was subsequently chosen for further evaluation and
for asexual propagation.

The new cultivar was created in fall 2004 in New South
Wales, Cobbitty, Australia and has been asexually repro-
duced repeatedly by vegetative cuttings in Stuttgart, Ger-
many over six generations. ‘KLEVP07363’ has been found
to retain its distinctive characteristics through successive
asexual propagations.

Plant Breeder’s Rights for this cultivar were applied for in
Canada on Apr. 5, 2007. ‘KLEVP07363’ 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. A brilliant, large purple flower with a large eye;
2. A mounding growth habit;
3. Good resistance to powdery mildew; and
4. Healthy growth.

DESCRIPTION OF THE PHOTOGRAPH

This new *Verbena* plant is illustrated by the accompanying
photograph which shows a close-up of the mature inflores-
cence; the colors shown are as true as can be reasonably
obtained by conventional photographic procedures. The

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photograph is of a plant about 4-months old and grown from
rooted cuttings in an 18-cm pot under greenhouse
(glasshouse) in Stuttgart, Germany under natural light.

DESCRIPTION OF THE NEW CULTIVAR

The following detailed descriptions set forth the distinc-
tive characteristics of ‘KLEVP07363’. The data which
define these characteristics were collected from asexual
reproductions carried out in Stuttgart, Germany. The plant
history was taken on 4-month old plants in 18-cm pots
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 R.H.S. Colour Chart of The Royal Hor-
ticultural Society of London (R.H.S.) (2001).

DESCRIPTION OF THE NEW PLANT

Classification:

Family.—Verbenaceae.

Genus and species.—*Verbena* hybrid.

Common name.—*Verbena*.

Parentage:

Female parent.—The proprietary female *Verbena* plant,
‘00.573.20’ (unpatented), having lavender flowers

Male parent.—The proprietary *Verbena* plant,
‘00.665.10’ (unpatented), having pink flowers.

Plant:

Plant habit.—Mounding, use as a bedding plant or in
pots.

Height (from top of soil).—8.0 cm.

Width (horizontal plant diameter).—25.0 cm.

Time to produce a finished flowering plant.—14 weeks
(from sticking of unrooted cuttings).

Time to initiate and develop roots.—3 weeks.

Root description.—Normal shape and texture.

Stems:

Number of branches per plant.—Greater than 10.

Length.—Approximately 8.0 cm.

Diameter (measured from the midpoint).—8.0 cm.

Internode length.—Approximately 1.5 cm.

Color.—RHS 140C.

Anthocyanin.—Present. Color: RHS 140C.

Texture.—Pubescent.

Shape.—Round.

Leaves:

Arrangement.—Opposite.

Immature leaf.—Color (both surfaces): RHS 135C.

Mature leaf.—Color (both surfaces): RHS 135B.

Length: 3.5 cm. Width: 2.0 cm.

Shape.—Ovate to deltoid.

Apex.—Cuspidate.

Base.—Attenuate.

Margin.—Crenate.

Texture.—Upper surface: Smooth.

Venation.—Pinnate.

Venation color.—Upper surface: RHS 135B.

Petioles.—Length: Less than 0.3 cm. Diameter: Less than 0.3 cm. Color RHS 140C. Texture: Pubescent.

Flower buds:

Shape.—Tall, cylindrical.

Length.—1.0 cm.

Diameter.—Less than 0.1 cm.

Color (at tight bud).—RHS 140C.

Inflorescence:

Blooming habit (flowering season).—Spring to fall (April to December) Lastingness of individual blooms on the plant: Approximately 3 weeks, moderate.

Fragrance.—Absent.

Inflorescence shape.—Fan shaped, simple corymbs.

Length of inflorescence.—2.0 cm.

Diameter of inflorescence.—2.0 cm.

Number of florets per inflorescence.—More than 25.

Peduncle.—Length: Approximately 2.0 cm. Diameter: Approximately less than 0.2 cm. Color: RHS 140C. Texture: Pubescent.

Florets (with white eye):

Form.—Radial.

Length.—Approximately 0.6 cm.

Diameter.—Approximately 1.7 cm.

Color (both immature and mature).—Upper surface: RHS 74A. Lower surface: RHS 74B.

Corolla tube length.—0.5 cm.

Corolla tube color.—RHS 74C.

Petals.—Length of lobe: Less than 0.7 cm. Diameter of lobe: Less than 0.1 cm. Lobe shape: Obovate. Apex: Obtuse. Base: Fused. Margin: Entire. Texture (both surfaces): Smooth.

Pedicels.—Length: Greater than 1.5 cm. Diameter: Greater than 0.1 cm. Color: RHS 74C. Texture: Smooth.

Sepals:

Shape.—Cylindrical.

Length.—Greater than 1.0 cm.

Diameter.—Greater than 0.2 cm.

Color.—RHS 135C.

Apex.—Cuspidate.

Base.—Obtuse.

Margin.—Crenate.

Texture.—Satiny.

Reproductive organs:

Stamens.—Quantity: 4. Shape: Too small to characterize. Color: Creamy white. Filament length: Less than 0.1 cm. Filament diameter: Less than 0.1 cm.

Anther.—Shape: Too small to characterize. Color: Too small to characterize. Length: Less than 0.1 cm. Diameter: Less than 0.1 cm.

Pollen.—Color: Too small to characterize. Amount: Too small to quantify.

Pistils.—Number: 1. Length: 1.0 cm. Diameter: 0.1 cm. Stigma: Color: Pale green. Shape: Round. Length: Less than 0.1 cm. Diameter: Less than 0.1 cm. Style: Color: Pale green. Length: Less than 0.1 cm. Diameter: Less than 0.1 cm. Shape: Ovate.

Fruit and seed set: None observed.

Disease and insect resistance: Good powdery mildew resistance

COMPARISON WITH PARENTAL AND COMMERCIAL CULTIVARS

‘KLEVP07363’ differs from the female parent, the proprietary *Verbena* ‘00.573.20’ (unpatented) in that ‘KLEVP07363’ has purple flowers with a large eye, while ‘00.573.20’ has lavender flowers.

‘KLEVP07363’ differs from the male parent, the proprietary *Verbena* ‘00.665.10’ (unpatented) in that ‘KLEVP07363’ has purple flowers with a large eye, while ‘00.573.20’ has pink flowers.

‘KLEVP07363’ differs from the commercial comparison variety ‘KLEVP05344’ (U.S. Plant Pat. No. 18,584) in that ‘KLEVP07363’ has purple flowers with a large eye, while ‘KLEVE05344’ has purple flowers without an eye.

I claim:

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

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