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Klemm et al.

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(54) **CALIBRACHOA PLANT NAMED**
‘KLECA08182’

(50) Latin Name: ***Calibrachoa* hybrid**
Varietal Denomination: **KLECA08182**

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patent is extended or adjusted under 35
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(51) **Int. Cl.**
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(52) **U.S. Cl.** **Plt./413**

(58) **Field of Classification Search** Plt./413
See application file for complete search history.

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(57) **ABSTRACT**

A new *Calibrachoa* plant named ‘KLECA08182’ particularly
distinguished by double yellow flowers and an upright, com-
pact and tight growth habit, is disclosed.

1 Drawing Sheet

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Genus and species: *Calibrachoa* hybrid.
Variety denomination: ‘KLECA08182’.

BACKGROUND OF THE NEW PLANT

The present invention comprises a new and distinct cultivar
of *Calibrachoa*, botanically known as *Calibrachoa* hybrid
and hereinafter referred to by the cultivar name
‘KLECA08182’. The new cultivar originated from a hybrid-
ization made between May to September 2005 in Stuttgart,
Germany. The female parent was the proprietary *Calibrachoa*
plant ‘CA050643’ (unpatented), while the male parent was
the proprietary *Calibrachoa* plant ‘X 278’ (unpatented).

The new cultivar was first propagated in May 2006 by
vegetative cuttings in Stuttgart, Germany and has been asexu-
ally reproduced by vegetative cuttings in Stuttgart, Germany
over a two and one-half year period. The present invention has
been found to retain its distinctive characteristics through
successive asexual propagations.

Plant Breeder’s Rights for this cultivar have been applied
for in Switzerland on Aug. 5, 2008 and in Canada on Jan. 31,
2008. ‘KLECA08182’ has not been made publicly available
more than one year prior to the filing date of this application.

SUMMARY OF THE INVENTION

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

1. Double yellow flowers; and
2. An upright, compact and tight growth habit.

DESCRIPTION OF THE PHOTOGRAPH

This new *Calibrachoa* plant is illustrated by the accompa-
nying photograph which shows flowers 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 five-month-old *Calibrachoa* plant,
grown in a greenhouse in Stuttgart, Germany, between Janu-
ary and May 2008.

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DESCRIPTION OF THE NEW CULTIVAR

The following detailed descriptions set forth the distinctive
characteristics of ‘KLECA08182’. The data which defines
these characteristics were collected from asexual reproduc-
tions carried out in Stuttgart, Germany. The plant history was
taken on five-month old, un-pinched plants which were
planted as rooted cuttings in 11-cm pots between January and
May 2008 and then grown in a greenhouse. Color readings
were taken under natural light. Color references are primarily
to The R.H.S. Colour Chart of The Royal Horticultural Soci-
ety of London (R.H.S.) (2001).

DETAILED BOTANICAL DESCRIPTION OF THE NEW PLANT

Classification:

Family.—Solanaceae.

Botanical.—*Calibrachoa* hybrid.

Common.—*Calibrachoa*.

Parentage:

Female.—The proprietary *Calibrachoa* plant
‘CA050643’ (unpatented), having double, light pink
flowers.

Male.—The proprietary *Calibrachoa* plant ‘X 278’ (un-
patented), having creamy lemon colored, single flow-
ers.

Growth:

Form.—Compact.

Habit.—Upright.

Height (measured from the top of the soil).—13.0 cm.

Width (horizontal plant diameter).—14.0 cm.

Time to produce a finished flowering plant.—11 weeks.

Outdoor plant performance.—Drought tolerant.

Time to initiate and develop roots.—16 days.

Root description.—Moderate density, freely branching
with white roots.

Stems:

Length of basal branches.—12.0 cm.

Internode length.—1.5 cm.

Diameter of branches (from midpoint).—4.0 cm to 6.0 cm.

Stem color.—RHS 145A.

Texture.—Smooth.

Anthocyanin.—No. 5

Pedice.—Color: RHS 144B. Length: 1.5 cm to 2.0 cm. Diameter: 0.1 cm. Texture: Smooth.

Leaves:

Arrangement.—Alternate.

Size.—Length: 1.0 cm to 2.5 cm. Width: 0.3 cm to 0.8 cm. 10

Shape.—Elliptic.

Apex.—Broadly acute.

Base.—Attenuate.

Margin.—Entire. 15

Color.—Immature and mature: Upper surface: RHS 137A. Lower surface: RHS 137C.

Texture (both surfaces).—Smooth.

Venation.—Pinnate.

Venation color (both surfaces).—RHS 144A. 20

Petioles.—Absent.

Flower bud:

Shape.—Irregular to oblong.

Size.—Length: 1.5 cm. Diameter: 0.5 cm.

Color at tight bud.—RHS 1A. 25

Inflorescence:

Blooming habit.—Continuous flowering during summertime.

Inflorescence type.—Double.

Floret type.—Flat. 30

Lastingness of individual blooms on the plant.—6 days.

Fragrance.—Absent.

Flowers:

Immature flower.—Diameter: Horizontal: 1.5 cm. Vertical: 1.5 cm. Color: Upper surface: RHS 2A. Lower surface: RHS 2C. 35

Mature flower.—Diameter: Horizontal: 2.0 cm. Vertical: 1.7 cm. Color: Upper surface: RHS 2A. Lower surface: RHS 2C.

Corolla tube.—Color inside: RHS 7A. Color outside: RHS 7C. Tube length: 1.2 cm. Outside texture: Smooth. Inside texture: Smooth.

Petals.—Apex: Obverse. Base: Open, fusing into the tube. Margin: Entire. Waviness of petals: Weak. Lobation: Weak. Texture (both surfaces): Smooth.

Sepals.—Calyx (form): Rosette. Shape: Lanceolate. Apex: Acute. Base: Open, tube fused into the base. Margin: Entire. Length: 1.1 cm. Width: 0.2 cm. Color: Upper surface: RHS 138A. Lower surface: RHS 138B. Texture (both surfaces): Smooth.

Reproductive organs:

Stamens.—Absent.

Pistils.—Number: 1. Length: 0.6 cm. Diameter: 0.1 cm. Stigma color: RHS 150A. Style color: RHS 150C.

Fruit and seed set: No seed set observed.

Disease and insect resistance: No particular resistance or susceptibility has been observed.

COMPARISON WITH PARENTAL AND COMMERCIAL CULTIVARS

‘KLECA08182’ differs from the female parent ‘CA050643’ (unpatented) in that ‘KLECA08182’ has double yellow flowers, while ‘CA050643’ has double light pink flowers. 25

‘KLECA08182’ differs from the male parent ‘X 278’ in that ‘KLECA08182’ has double yellow flowers, while ‘X 278’ has single creamy lemon colored, single flowers.

‘KLECA08182’ differs from the commercial cultivar ‘KLECA06098’ (U.S. Plant patent application Ser. No. 12/002,478, Abandoned) in that ‘KLECA08182’ has double flowers, while ‘KLECA06098’ has single flowers. 30

I claim:

1. A new and distinct cultivar of *Calibrachoa* plant named ‘KLECA08182’ as shown and described herein.

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