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Klemm et al.

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(54) **CALIBRACHOA PLANT NAMED**
'KLECA10218'
(50) Latin Name: *Calibrachoa* sp.
Varietal Denomination: **KLECA10218**
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(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 'KLECA10218' particularly
distinguished by a semi-upright and mounding growth habit,
and a compact plant shape, is disclosed.

1 Drawing Sheet

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Genus and species: *Calibrachoa* sp.
Variety denomination: 'KLECA10218'.

BACKGROUND OF THE NEW PLANT

The present invention comprises a new and distinct variety
of *Calibrachoa*, botanically known as *Calibrachoa* sp. and
hereinafter referred to by the variety name 'KLECA10218'.
The new variety was the result of a controlled cross conducted
in the Summer of 2007 in Stuttgart, Germany, between the
female parent, proprietary *Calibrachoa* plant
'KLECA06121' (U.S. Plant Pat. No. 19,487), and the male
parent, proprietary *Calibrachoa* plant 'KLECA08178' (U.S.
Plant Pat. No. 21,060). A single plant selection was subse-
quently chosen for further evaluation and asexual propaga-
tion.

The new variety was first propagated in May 2008 in Stut-
gart, Germany and has been asexually reproduced repeatedly
by vegetative cuttings and in-vitro propagation over more
than forty generations. The present invention has been found
to retain its distinctive characteristics through successive
asexual propagations via vegetative cuttings.

Plant Breeder's Rights for this variety were applied for in
Canada on Mar. 19, 2010. 'KLECA10218' has not been made
publicly available or sold 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 variety when grown under normal
horticultural practices in a glass greenhouse in Stuttgart, Ger-
many.

1. Semi-upright and mounding growth habit; and
2. Compact plant shape.

DESCRIPTION OF THE PHOTOGRAPH

This new *Calibrachoa* plant is illustrated by the accompa-
nying photograph which shows inflorescences and foliage of
the plant. The colors shown are as true as can be reasonably
obtained by conventional photographic procedures.

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The photograph was taken in May 2010 of a 5-month old
Calibrachoa plant grown in a 10 centimeter pot in a glass
greenhouse in Stuttgart, Germany under normal horticultural
practices.

DESCRIPTION OF THE NEW VARIETY

The following detailed descriptions set forth the distinctive
characteristics of 'KLECA10218'. The data which defines
these characteristics were collected from asexual reproduc-
tions carried out in Stuttgart, Germany. The plant history was
taken in May 2010 of 5-month old plants grown in 10 centi-
meter pots in a glass greenhouse with a minimum pinch date
of one week. Color readings were taken under natural light.
Color references are primarily to The R.H.S. Colour Chart of
The Royal Horticultural Society of London (R.H.S.), Fifth
Edition (2007).

**DETAILED BOTANICAL DESCRIPTION OF THE
NEW PLANT**

Classification:

Family.—Solanaceae.
Botanical.—*Calibrachoa* sp.
Common.—*Calibrachoa* Hybrid.

Parentage:

Female.—The proprietary *Calibrachoa* plant
'KLECA06121', (U.S. Plant Pat. No. 19,487).
Male.—The proprietary *Calibrachoa* plant
'KLECA08178', (U.S. Plant Pat. No. 21,060).

Growth:

Form.—Compact, mounding.
Habit.—Semi-upright.
Height (measured from the top of the soil).—9.0 cm.
Width (horizontal plant diameter).—13.0 cm.
Time to produce a finished flowering plant.—9 weeks
after potting.
Outdoor plant performance.—Continuously flowering.
Time to initiate and develop roots.—16 days.
Root description.—Moderate density and branching.
Root color.—RHS 155D.

Stems:

Length of basal branches.—7.0 cm.
Internode length.—1.5 cm.

Diameter of branches (from midpoint).—6.0 cm to 8.0 cm.

Stem color.—RHS 144B.

Texture (both surfaces).—Smooth.

Anthocyanin.—Absent. 5

PediceL.—Color: RHS 144B. Length: 4.0 cm. Diameter: 0.1 cm. Texture (both surfaces): Smooth.

Leaves:

Arrangement.—Alternate.

Size.—Length: 1.5 cm to 3.5 cm. Width: 0.4 cm to 1.2 cm. 10

Shape.—Elliptic.

Apex.—Broad acute.

Base.—Attenuate.

Margin.—Entire. 15

Color (both immature and mature leaves).—Upper surface: RHS 137B. Lower surface: RHS 138B.

Texture (both surfaces).—Smooth.

Venation pattern.—Pinnate.

Petioles.—Absent. 20

Flower bud:

Shape.—Irregular to oblong.

Size.—Length: 2.6 cm. Diameter: 0.5 cm.

Inflorescence:

Blooming habit.—Continuous flowering during summertime. 25

Inflorescence type.—Single flower, determinate inflorescence.

Floret type.—Funnel-shaped, single flowers.

Lastingness of individual blooms on the plant.—6 days. 30

Fragrance.—Absent.

Flowers:

Immature flower.—Diameter: Horizontal: 2.8 cm. Vertical: 2.3 cm.

Mature flower.—Diameter: Horizontal: 3.3 cm. Vertical: 2.5 cm. 35

Color (immature and mature flowers).—Upper surface: RHS 71A. Lower surface: RHS 70D.

Corolla tube.—Color inside: RHS 6B. Color outside: RHS 3C. Tube length: 1.7 cm. Texture (outside): 40 Smooth.

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

Sepals.—Calyx (composition): Rosette, actinomorphic. Shape: Lanceolate to elliptic. Apex: Acute. Base: Open and tube is fused into the base. Margin: Entire. Length: 1.2 cm. Width: 0.2 cm. Color: Upper surface: RHS 146A. Lower surface: RHS 147B. Texture (both surfaces): Smooth.

Reproductive organs:

Stamens.—Number: 5. Filament color: RHS 154A. Filament length: 0.8 cm. Filament diameter: 0.1 cm. Pollen color: RHS 11A. Pollen quantity: Moderate.

Pistils.—Number: 1. Length: 0.4 cm. Diameter: 0.2 cm. Stigma color: RHS 149A. Style color: RHS 149A.

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

COMPARISON WITH PARENTAL AND COMMERCIAL VARIETIES

‘KLECA10218’ differs from the female parent *Calibrachoa* plant ‘KLECA06121’, (U.S. Plant Pat. No. 19,487) in that ‘KLECA10218’ has good branching, whereas ‘KLECA06121’ has average branching.

‘KLECA10218’ differs from the male parent *Calibrachoa* plant ‘KLECA08178’ (U.S. Plant Pat. No. 21,060) in that ‘KLECA10218’ has a vigorous and compact growth habit and short internodes, whereas ‘KLECA08178’ has a vigorous growth habit and large internodes. In addition, ‘KLECA10218’ has red-purple colored flowers, whereas ‘KLECA08178’ has violet-colored flowers.

‘KLECA10218’ differs from the commercial cultivar ‘KLECA08170’ (U.S. Plant Pat. No. 21,061), in that ‘KLECA10218’ has a semi-upright growth habit, whereas ‘KLECA08170’ has a semi-trailing growth habit.

We claim:

1. A new and distinct variety of *Calibrachoa* plant named ‘KLECA10218’ as shown and described herein.

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