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Klemm et al.

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(54) **CALIBRACHOA PLANT NAMED**
'KLECA12224'

(50) Latin Name: *Calibrachoa* sp.
Varietal Denomination: **KLECA12224**

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patent is extended or adjusted under 35
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See application file for complete search history.

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(57) **ABSTRACT**

A new and distinct variety of *calibrachoa* plant named
'KLECA12224' particularly distinguished by yellow flowers
and very early flowering is disclosed.

1 Drawing Sheet

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Genus and species: *Calibrachoa* sp.
Variety denomination: 'KLECA12224'.

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 'KLECA12224'.
The new variety was the result of a controlled cross conducted
in May 2008 in Stuttgart, Germany, between the female par-
ent *calibrachoa* plant 'KLECA07153' (U.S. Plant Pat. No.
19,881), and the male parent *calibrachoa* plant 'CA080159'
(unpatented). A single plant selection was subsequently cho-
sen for further evaluation and asexual propagation.

The new variety was first propagated by vegetative cuttings
and in vitro propagation in May 2009 in Stuttgart, Germany
and has been asexually reproduced repeatedly by vegetative
cuttings for more than 70 generations. The present invention
has been found to retain its distinctive characteristics through
successive asexual propagations via vegetative cuttings.

Plant Breeder's Rights for 'KLECA12224' were applied
for in Canada on Feb. 6, 2012. 'KLECA12224' has not been
made publicly available or sold anywhere in the world 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. Yellow flowers; and
2. Very early flowering.

DESCRIPTION OF THE PHOTOGRAPH

This new *calibrachoa* plant is illustrated by the accompa-
nying photograph which shows inflorescences and foliage of

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the plant. The colors shown are as true as can be reasonably
obtained by conventional photographic procedures. The pho-
tograph was taken in May 2012 of a 5-month old *calibrachoa*
plant grown in an 11 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 'KLECA12224'. The data which defines
these characteristics were collected from asexual reproduc-
tions carried out in Stuttgart, Germany. The plant history was
taken in May 2012 of 5-month old plants grown in 11 centi-
meter pots in a glass greenhouse. Plants were pinched once
after potting. Color readings were taken under natural light at
an illumination of approximately 20 Klx. Color references are
primarily to The R.H.S. Colour Chart of The Royal Horticul-
tural Society of London (R.H.S.), Fifth Edition (2007).

DETAILED BOTANICAL DESCRIPTION OF THE NEW PLANT

Classification:

Family.—Solanaceae.

Botanical.—*Calibrachoa* sp.

Common.—*Calibrachoa*.

Denomination.—'KLECA12224'.

Parentage:

Female.—*Calibrachoa* plant 'KLECA07153' (U.S.
Plant Pat. No. 19,881).

Male.—*Calibrachoa* plant 'CA080159' (unpatented).

Growth:

Form.—Uniformly mounded.

Habit.—Upright to cascading.

Height (measured from the top of the soil).—16.0 cm.

Width (horizontal plant diameter).—14.0 cm.

Time to produce a finished flowering plant.—6 weeks
after potting.

- Outdoor plant performance.*—Continuous flowering.
Time to initiate and develop roots.—22 days.
Root description.—Fine, fibrous, freely branching, moderate density.
Root color.—RHS 155C. 5
- Stems:
Length of basal branches.—8.0 cm.
Internode length.—1.5 cm.
Stem diameter.—0.3 cm.
Diameter of branches (from midpoint).—7.0 cm. 10
Stem color.—RHS 142A.
Texture.—Smooth.
Anthocyanin.—Absent.
Pedice.—Color: RHS 142B. Length: 3.5 cm. Diameter: 0.2 cm. Texture: Smooth. 15
Peduncle.—Color: RHS 144A. Length: 1.9 cm. Diameter: 0.1 cm.
- Leaves:
Arrangement.—Alternate, simple, sessile.
Length.—3.5 cm. 20
Width.—1.0 cm.
Shape.—Lanceolate to elliptic.
Apex.—Obtuse to slightly acute.
Base.—Attenuate.
Margin.—Entire.
Color (immature leaves).—Upper surface: RHS 147B. Lower surface: RHS 137D.
Color (mature leaves).—Upper surface: RHS 147A. Lower surface: RHS 137D.
Texture (both surfaces).—Smooth. 25
Venation pattern.—Pinnate.
Venation color.—RHS 145A.
Petioles.—Absent.
- Flower bud:
Shape.—Irregular to oblong.
Length.—1.4 cm.
Diameter.—0.4 cm.
Color at tight bud.—RHS 1B.
- Inflorescence:
Blooming habit.—Flowers face upright, axillary.
Inflorescence type.—Single flower, determinate inflorescence.
Lastingness of individual blooms on the plant.—5 days.
Fragrance.—Absent.
- Flowers: 45
Immature flower.—Width: 2.5 cm. Length: 2.0 cm. Depth: 1.8 cm. Color: Upper surface: RHS 7A. Lower surface: RHS 8A.

- Mature flower.*—Width: 3.0 cm. Length: 2.0 cm. Depth: 2.0 cm. Color: Upper surface: RHS 9A. Lower surface: RHS 10A.
Corolla tube.—Color inside: RHS 12A. Color outside: RHS 10A. Tube length: 1.7 cm. Tube diameter: 0.9 cm. Throat diameter: 0.8 cm. Texture (inside & outside): Smooth.
Petals.—Length: 1.3 cm. Width: 1.7 cm. Shape: Heart-shaped. Apex: Obverse. Base: Open and fused into the tube. Margin: Entire. Waviness of petals: Very weak. Lobation: Weak. Texture (both surfaces): Smooth.
Sepals.—Calyx (composition): Actinomorphic. Shape: Lanceolate to elliptic. Apex: Acute. Base: Open and tube is fused into the base. Margin: Entire. Length: 1.4 cm. Width: 0.2 cm. Color: Upper surface: RHS 143B. Lower surface: RHS 143C. Texture (both surfaces): Smooth.
- Reproductive organs:
Stamens.—Quantity: 5. Filament color: RHS 151C. Filament length: 0.8 cm. Filament diameter: 0.1 cm. Anther color: RHS 6A. Pollen color: RHS 13B. Pollen quantity: Sparse.
Pistils.—Quantity: 1. Length: 0.7 cm. Diameter: 0.1 cm. Stigma color: RHS 150A. Style color: RHS 150A.
 25 Fruit and seed set: No fruit or seed set observed.
 Disease and insect resistance: No particular resistance to disease or pests observed.

COMPARISON WITH PARENTAL AND COMMERCIAL VARIETIES

- ‘KLECA12224’ differs from the female parent *calibrachoa* plant ‘KLECA07153’, (U.S. Plant Pat. No. 19,881) in that ‘KLECA12224’ has yellow colored flowers, whereas
 35 ‘KLECA07153’ has red colored flowers.
 ‘KLECA12224’ differs from the male parent *calibrachoa* plant ‘CA080159’ (unpatented) in that ‘KLECA12224’ has yellow colored flowers, whereas ‘CA080159’ has orange colored flowers.
 40 ‘KLECA12224’ differs from the commercial cultivar, ‘MiniFamous Compact Yellow’ (unpatented), in that ‘KLECA12224’ has yellow colored flowers, whereas ‘MiniFamous Compact Yellow’ has lighter yellow colored flowers.

We claim:

- 45 1. A new and distinct variety of *calibrachoa* plant named ‘KLECA12224’ as shown and described herein.

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