



(12) **United States Plant Patent**
Klemm et al.

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(54) **CALIBRACHOA PLANT NAMED**
‘KLECA08170’

(50) Latin Name: ***Calibrachoa* hybrid**
Varietal Denomination: **KLECA08170**

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patent is extended or adjusted under 35
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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 ‘KLECA08170’ particularly
distinguished by light blue flowers, a very early flowering
period with continuous flowering, and a flat, trailing growth
habit, is disclosed.

1 Drawing Sheet

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Genus and species: *Calibrachoa* hybrid.
Variety denomination: ‘KLECA08170’.

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
‘KLECA08170’. The new cultivar originated from a hybrid-
ization made in Summer 2004 in Stuttgart, Germany. The
female parent was the proprietary *Calibrachoa* plant ‘W 329’
(unpatented), while the male parent was the proprietary *Cali-*
brachoa plant ‘W 220’ (unpatented).

The new cultivar was first propagated in May 2005 in
Stuttgart, Germany and has been asexually reproduced by
vegetative cuttings in Stuttgart, Germany for more than 40
generations. The present invention has been found to retain its
distinctive characteristics through successive asexual propa-
gations.

Plant Breeder’s Rights for this cultivar have not been
applied for. ‘KLECA08170’ 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. Light blue flowers;
2. A very early flowering period with continuous flowering;
and
3. A flat, trailing 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.

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The photograph is of a five-month-old *Calibrachoa* plant,
grown in a greenhouse in Stuttgart, Germany, between Janu-
ary and May 2008.

DESCRIPTION OF THE NEW CULTIVAR

The following detailed descriptions set forth the distinctive
characteristics of ‘KLECA08170’. 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 plants which were planted as rooted
cuttings in 11-cm pots between January and May 2008 and
then grown in a greenhouse. The plants had one terminal
pinch one week after potting. 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.) (2001).

**DETAILED BOTANICAL DESCRIPTION OF THE
NEW PLANT**

Classification:

Family.—Solanaceae.

Botanical.—*Calibrachoa* hybrid.

Common.—*Calibrachoa*.

Parentage:

Female.—The proprietary *Calibrachoa* plant ‘W 329’
(unpatented).

Male.—The proprietary *Calibrachoa* plant ‘W 220’ (un-
patented).

Growth:

Habit.—Flat-trailing.

Height (measured from the top of the soil).—6.0 cm.

Width (horizontal plant diameter).—18.0 cm.

Time to produce a finished flowering plant.—10 weeks.

Outdoor plant performance.—Continuous flowering.

Time to initiate and develop roots.—15 days.

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

Stems:

Length of basal branches.—9.0 cm.

Internode length.—1.0 cm to 2.2 cm.

Diameter of branches (from midpoint).—0.2 cm to 0.7 cm.

Stem color.—RHS 145A.

Texture.—Smooth.

Anthocyanin.—Absent.

Pedice.—Color: RHS 144B. Length: 1.6 cm. Diameter: 0.2 cm. Texture: Smooth.

Leaves:

Arrangement.—Alternate.

Size.—Length: 0.8 cm to 2.8 cm. Width: 0.4 cm to 0.7 cm.

Shape.—Lanceolate to elliptic.

Apex.—Broadly acute.

Base.—Attenuate.

Margin.—Entire.

Color.—Immature and mature: Upper surface: RHS 138A. Lower surface: RHS 138B.

Texture (both surfaces).—Smooth.

Venation.—Pinnate.

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

Petioles.—Absent.

Flower bud:

Shape.—Irregular to oblong.

Size.—Length: 1.8 cm. Diameter: 0.5 cm.

Color at tight bud.—RHS 79D.

Inflorescence:

Blooming habit.—Continuous flowering during summertime.

Inflorescence type.—Single.

Floret type.—Funnel-shaped.

Lastingness of individual blooms on the plant.—5 days.

Fragrance.—Absent.

Flowers:

Immature flower.—Diameter: Horizontal: 2.8 cm. Vertical: 2.8 cm. Color: Upper surface: RHS 86D. Lower surface: RHS 85B.

Mature flower.—Diameter: Horizontal: 3.0 cm. Vertical: 2.8 cm. Color: Upper surface: RHS 85C. Lower surface: RHS 85B.

Corolla tube.—Color inside: RHS 4B. Color outside: RHS 3C. Tube length: 1.5 cm. Outside texture: Moderate. Inside texture: 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 (form): Rosette. Shape: Lanceolate to elliptic. Apex: Acute. Base: Tube fused into the base. Margin: Entire. Length: 1.5 cm. Width: 0.3 cm. Color: Upper surface: RHS 138A. Lower surface: RHS 138B. Texture (both surfaces): Smooth.

Reproductive organs:

Stamens.—Number: 5. Filament color: RHS 154A. Filament length: 0.7 cm. Filament diameter: 0.1 cm. Pollen color: RHS 11A. Pollen quantity: Moderate.

Pistils.—Number: 1. Length: 0.3 cm. Diameter: 0.2 cm. Stigma color: RHS 149A. Style color: RHS 149A.

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

‘KLECA08170’ differs from the female parent ‘W 329’ (unpatented) in that ‘KLECA08170’ has larger-sized flowers and earlier flowering, while ‘W 329’ has smaller-sized flowers and later flowering.

‘KLECA08170’ differs from the male parent ‘W 220’ in that ‘KLECA08170’ has light blue flowers and a flat, trailing growth habit, while ‘W 220’ has lavender flowers and a compact growth habit.

‘KLECA08170’ differs from the commercial cultivar ‘MINIFAMOUS Light Blue’ (unpatented) in that ‘KLECA08170’ has very early flowering and good branching, while ‘MINIFAMOUS Light Blue’ has late flowering and medium branching.

We claim:

1. A new and distinct cultivar of *Calibrachoa* plant named ‘KLECA08170’ as shown and described herein.

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