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Klemm et al.

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(54) **OSTEOSPERMUM PLANT NAMED**
'KLEOE11187'

(50) Latin Name: *Osteospermum ecklonis* Norl.
Varietal Denomination: **KLEOE11187**

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patent is extended or adjusted under 35
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(57) **ABSTRACT**

An *osteospermum* variety named 'KLEOE11187' particu-
larly distinguished by bright yellow flower color and a very
good branching habit is disclosed.

1 Drawing Sheet

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Genus and species: *Osteospermum ecklonis* Norl.
Variety denomination: 'KLEOE11187'.

BACKGROUND OF THE NEW PLANT

The present invention comprises a new and distinct variety
of *osteospermum*, botanically known as *Osteospermum eck-*
lonis Norl., and hereinafter referred to by the variety name
'KLEOE11187'. The new variety originated from a controlled
cross conducted in May 2008 in Nairobi, Kenya. The female
parent was *osteospermum* plant named 'm yellow' (unpatented),
and the male parent was *osteospermum* plant named '6 119'
(unpatented). A single plant selection was subsequently chosen
for further evaluation and asexual propagation.

The new variety was first propagated via vegetative cuttings
in May 2009 in Stuttgart, Germany and has been asexually
reproduced repeatedly by vegetative cuttings for three to four
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 have not been applied
for. 'KLEOE11187' 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 the new variety when grown under normal
horticultural practices in Stuttgart, Germany.

- 1. Bright yellow flower color; and
- 2. Very good branching habit.

DESCRIPTION OF THE PHOTOGRAPH

This new *osteospermum* plant is illustrated by the accom-
panying photograph which shows the colors as true as can be
reasonably obtained by conventional photographic proce-

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dures. The photograph was taken in spring 2011 on a 3-month
old plant grown in a heated glass greenhouse in Stuttgart,
Germany, under conditions which approximate those generally
used in normal horticultural practice.

DESCRIPTION OF THE NEW VARIETY

The following detailed descriptions set forth the distinctive
characteristics of 'KLEOE11187'. The data which define these
characteristics were collected from asexual reproductions carried
out in Stuttgart, Germany. The plant history was taken in spring
2011 on 3-month old plants grown in 12 centimeter pots. The
plants were grown in a heated glass greenhouse in Stuttgart,
Germany and pinched once at approximately 16 weeks old. Color
readings were taken under natural and artificial 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*.—Asteraceae.
- Botanical name*.—*Osteospermum ecklonis* Norl.
- Common name*.—African daisy.
- Denomination*.—'KLEOE11187'.

Parentage:

- Female parent*.—*Osteospermum* plant named 'm yellow'
(unpatented).
- Male parent*.—*Osteospermum* plant named '6 119' (un-
patented).

Plant:

- Form and habit*.—Herbaceous perennial, usually culti-
vated as an annual.
- Growth habit*.—Upright.
- Branching habit*.—Freely branching.
- Height (from top of soil)*.—23.0 cm.
- Width (including inflorescence)*.—17.0 cm.

Propagation.—Vegetative cuttings from tips.
Time to produce a finished flowering plant.—14 to 16 weeks.
Time to initiate and develop roots.—3 to 4 weeks.
Root description.—Freely rooting.

Leaves:

Arrangement.—Arranged in a whorl.
Shape.—Dentiform.
Apex.—Obtuse.
Base.—Acute.
Margin.—Serrate.
Color.—Mature leaf: Upper surface: RHS 137D. Lower surface: RHS 137C. Immature leaf: Upper surface: RHS 137B. Lower surface: RHS 137C.
Length.—5.8 cm.
Width.—3.3 cm.
Texture.—Leathery.
Petioles.—Absent.

Stems:

Total number of branches.—6 to 8.
Length.—15.0 cm to 16.0 cm.
Diameter.—0.4 cm.
Internode length.—1.2 cm to 1.6 cm.
Color.—RHS 137D.
Texture.—Rough.

Inflorescence buds:

Shape.—Obovate.
Length.—1.0 cm.
Diameter.—0.9 cm.
Color (at tight bud just before the ray florets unfold).—RHS 138A.

Inflorescence:

Type.—Single.
Blooming habit.—Spring to autumn.
Quantity of inflorescences per plant.—10 to 12.
Lastingness of the inflorescences on the plant.—10 to 11 days.
Fragrance.—Absent.
Inflorescence diameter.—5.6 cm to 6.0 cm.
Disc diameter.—1.4 cm to 1.6 cm.

Disc florets:

Quantity per inflorescence.—90 to 110.
Shape.—Oblanceolate.
Tube color.—Closed: RHS 9B. Mature: RHS 8A.
Length.—0.7 cm.
Diameter (at apex).—0.1 cm.
Apex.—Obtuse.
Apex color.—RHS 12A.
Base.—Fused to form a tube.
Margin.—Entire.

Ray florets:

Quantity per inflorescence.—22.
Shape.—Oblanceolate.
Color.—Upper surface: RHS 9A. Lower surface: RHS 1A with longitudinal stripes of RHS 165A.
Length.—2.0 cm to 2.3 cm.
Width.—0.8 cm to 1.2 cm.
Apex.—Obtuse.

Base.—Acute.
Margin.—Entire.
Texture (both surfaces).—Smooth.

Peduncle:

Length.—5.0 cm to 10.0 cm.
Diameter.—0.2 cm.
Texture.—Rough.
Color.—RHS 137D.

Phyllaries:

Arrangement.—Single.
Observed quantity per inflorescence.—Approximately 21.
Shape.—Lanceolate.
Color.—Upper surface: RHS 137A. Lower surface: RHS 137D.
Length.—1.1 cm.
Width.—0.15 cm.
Apex.—Acute.
Base.—Obtuse.
Margin.—Entire.
Texture.—Rough.

Reproductive organs:

Androecium.—Location: Base of the disc floret corolla.
Stamens: Quantity: 90 to 100. Shape: Filamentous.
Color: RHS 202A. Filament length: 0.55 cm. Filament diameter: 0.05 cm. Anther: Shape: Elliptical. Color: RHS 200A. Length: 0.7 cm. Diameter: 0.1 cm. Pollen: Color: RHS 14A. Amount: Abundant.

Gynoecium.—Location: Base of the ray florets; stigmas in disc florets are degenerated and non-functional.
Pistils: Quantity: 22. Length: 0.41 cm. Diameter: 0.05 cm. Stigma: Color: RHS N199A. Shape: Bipartite. Length: 0.18 cm. Diameter: 0.05 cm. Style: Color: RHS 8C. Length: 0.22 cm. Diameter: 0.05 cm. Shape: Filamentous.

Fruit and seed set: Seed set was observed.
Seed.—Length: Approximately 0.6 cm. Width: Approximately 0.3 cm. Weight: Approximately 0.01 g. Color: RHS N199A. Quantity per capsule: 25.

Disease and insect/pest resistance: No specific observations were made.

COMPARISON WITH PARENTAL VARIETIES

‘KLEOE11187’ differs from the female parental *osteospermum* plant ‘m yellow’ (unpatented) in that the upper surface color of the ray florets of ‘KLEOE11187’ is bright yellow (RHS 9A), whereas the upper surface color of the ray florets of ‘m yellow’ is yellow (RHS 11A) with a light yellow center color (RHS 11C).

‘KLEOE11187’ differs from the male parental *osteospermum* plant ‘6 119’ (unpatented) in that ‘KLEOE11187’ has a very good branching habit, whereas ‘6 119’ has a medium branching habit.

We claim:

1. A new and distinct variety of *osteospermum* plant named ‘KLEOE11187’ as shown and described herein.

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