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Klemm et al.

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(54) **OSTEOSPERMUM PLANT NAMED**
‘KLEOE16285’

(50) Latin Name: *Osteospermum ecklonis*
Varietal Denomination: **KLEOE16285**

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See application file for complete search history.

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(57) **ABSTRACT**

A new *Osteospermum* plant particularly distinguished by
red-purple flowers and a spreading growth habit, is dis-
closed.

1 Drawing Sheet

1

Genus and species: *Osteospermum ecklonis*.
Variety denomination: ‘KLEOE16285’.

BACKGROUND OF THE NEW PLANT

The present invention comprises a new and distinct vari-
ety of *Osteospermum*, botanically known as *Osteospermum*
ecklonis, and hereinafter referred to by the variety name
‘KLEOE16285’. ‘KLEOE16285’ originated from a cross-
pollination conducted in the time of May to October, 2011
in Nairobi, Kenya between the proprietary female *Osteo-*
spermum variety ‘KLEOE14215’ (U.S. Plant Pat. No.
26,694), and the proprietary male *Osteospermum* variety
‘OE-2002-V 068’ (unpatented).

The seeds from the cross were sown and plants were
grown in a greenhouse for evaluation, where an individual
plant designated ‘KLEOE16285’ was selected from the
group of plants in May 2012 in Stuttgart, Germany. In
September 2013 in Stuttgart, Germany, ‘KLEOE16285’ was
first vegetatively propagated by vegetative terminal cuttings.
‘KLEOE16285’ was found to reproduce true to type in
successive generations of asexual propagation via vegetative
terminal cuttings.

SUMMARY

The following are the most outstanding and distinguish-
ing characteristics of this new variety when grown under
normal horticultural practices in Stuttgart, Germany.

- 1. Red-purple flowers; and
- 2. A spreading habit.

DESCRIPTION OF THE PHOTOGRAPH

This new *Osteospermum* plant is illustrated by the accom-
panying photograph which shows the plant’s overall plant

2

habit including form, foliage, and flowers. The photograph
is of a 14-week-old plant grown in a greenhouse in Stuttgart,
Germany in June 2016.

The colors shown are as true as can be reasonably
obtained by conventional photographic procedures.

DESCRIPTION OF THE NEW VARIETY

The following detailed descriptions set forth the distinc-
tive characteristics of ‘KLEOE16285’. The data which
define these characteristics were collected from asexual
reproductions carried out in Latina, Italy in April 2017. Data
was collected on six-month-old plant grown outdoors in
March 2017. Color references are to The R.H.S. Colour
Chart of The Royal Horticultural Society of London
(R.H.S.), 5th edition (2007).

Classification:

Family.—Asteraceae.

Botanical.—*Osteospermum ecklonis*.

Common.—*Osteospermum*.

Designation.—‘KLEOE16285’.

Parentage:

Female parent.—The proprietary female *Osteosper-*
mum variety ‘KLEOE14215’ (U.S. Plant Pat. No.
26,694).

Male parent.—The proprietary male *Osteospermum*
variety ‘OE-2002-V 068’ (unpatented).

Plant:

Form and habit.—Herbaceous perennial but usually
cultivated as an annual; not frost resistant.

Growth habit.—Spreading.

Height (from top of soil).—15.0 cm.

Width.—45.0 cm.

Natural flowering season.—Spring to autumn.

Propagation.—Terminal cuttings.

Time to produce a finished flowering plant.—About 7
weeks.

Time to initiate and develop roots.—Between 3 and 4
weeks.

Root description.—Light tan in color.

Stems:

Total number of branches per plant.—6.
Length.—25.0 cm.
Diameter.—0.4 cm.
Internode length.—1.6 cm.
Color.—RHS 144C.
Texture.—Smooth, but with fine hairs.
Stem form.—Round.
Anthocyanin.—RHS N77A.

Leaves:

Arrangement.—Alternate.
Length.—5.3 cm.
Width.—1.7 cm.
Shape.—Oblanceolate.
Apex.—Acute.
Base.—Acute.
Margin.—Entire.
Texture.—Upper surface: Leathery and smooth. Lower surface: Leathery and smooth, but covered with fine hairs.
Immature color.—Upper surface: RHS N137A. Lower surface: RHS 137B.
Mature color.—Upper surface: RHS N137A. Lower surface: RHS 137B.
Petioles.—Absent.
Venation pattern.—Pinnate.
Venation color (both upper and lower surfaces).—RHS 143B.

Flower buds:

Shape.—Round-ovoid.
Apex.—Obtuse.
Base.—Acute.
Margin.—Entire.
Height.—0.9 cm.
Width.—0.7 cm.
Color.—RHS 144B.
Pubescence.—Present with fine hairs.

Inflorescence:

Type.—Single, daisy.
Quantity of inflorescences per plant.—Between 15 and 20.
Lastingness of the inflorescences on the plant.—2 weeks.
Fragrance.—Absent.
Inflorescence diameter.—About 6 cm.
Inflorescence depth (cm).—About 1 cm.
Disc diameter (cm).—About 1 cm.

Disc floret:

Quantity per inflorescence.—About 30.
Shape.—Tubular.
Tube color (Corolla).—Closed: RHS 155A (outer surface at an immature state). Mature: RHS 155B.
Length.—0.4 cm.
Diameter (at apex).—0.1 cm.
Apex.—Acute.
Apex color.—RHS 86A.
Base.—Acute.
Base color.—RHS 182B.
Margin.—Entire.

Ray floret:

Quantity per inflorescence.—17.
Shape.—Oblanceolate.
Color.—Upper surface: Young ray florets colored RHS 72A with no white tips; color fades to RHS 72B with some having white tips. Lower surface: RHS 57A with RHS N77A stripes.
Conspicuousness of longitudinal stripes.—Weak.
Length.—2.8 cm.
Width.—0.7 cm.
Apex.—Acute.

Base.—Acute.

Margin.—Entire.

Texture.—Upper surface: Smooth. Lower surface: Smooth, shiny.

5 Peduncle:

Length.—6.6 cm.
Diameter.—0.1 cm.
Texture.—Smooth but with fine hairs.
Color.—RHS 144A with RHS N77A anthocyanin.

10 Phyllaries:

Observed quantity per plant.—18.
Shape.—Lanceolate.
Arrangement.—Single.
Apex.—Acute.

15

Base.—Obtuse.
Margin.—Entire with fine hairs.
Length.—0.9 cm.
Width.—0.15 cm.

Texture.—Upper surface: Smooth with fine hairs. Lower surface: Smooth.

20

Color.—Upper surface: RHS 143A. Lower surface: RHS 143B.

Reproductive organs:

Androecium.—Location: On the disc floret. Stamens: Quantity: About 50. Shape: Filamentous. Filament length: 0.8 cm. Filament color: RHS 155A. Anther: Shape: Lanceolate. Color: RHS 14A. Length: 0.2 cm. Pollen: Color: RHS 14A. Amount: Moderate.

25

Gynoecium.—Location: On the base of the ray florets. Pistils: Number: About 20, one per ray floret. Length: 0.4 cm. Diameter: Less than 0.05 cm. Stigma: Color: RHS N187A. Shape: Tapering filamentous and split in two parts. Length: 0.4 cm. Diameter: Less than 0.05 cm. Style: Color: RHS N187A. Length: 0.15 cm. Diameter: Less than 0.05 cm. Ovary: Arrangement: Upright. Color: RHS 142D. Diameter: 0.1 cm. Length: 0.4 cm.

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Fruit and seed set: None observed.

Disease and pest/insect resistance: No disease and pest/insect resistance observed.

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COMPARISON WITH PARENTAL LINES AND KNOWN VARIETY

‘KLEOE16285’ is a distinct variety of *Osteospermum* and is distinguished from its parents as described in Table 1.

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TABLE 1

Comparison with Parental Lines			
Characteristic	‘KLEOE16285’	Female Parent ‘KLEOE14215’	Male Parent ‘OE-2002-V 068’
Habit	Spreading	Spreading	Upright
Ray floret color	Red-Purple	White	Purple

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‘KLEOE16285’ is most similar to the commercial *Osteospermum* variety ‘KLEOE12201’ (U.S. Plant Pat. No. 24,325). Differences between the varieties are described in Table 2.

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TABLE 2

Comparison with Similar Variety		
Characteristic	‘KLEOE16285’	‘KLEOE12201’
Habit	Spreading	Compact

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I claim:

1. A new and distinct variety of *Osteospermum* plant designated 'KLEOE16285' as illustrated and described herein.

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