



(12) **United States Plant Patent**
Larsen

(10) **Patent No.:** **US PP24,324 P2**
(45) **Date of Patent:** **Mar. 18, 2014**

(54) **OSTEOSPERMUM PLANT NAMED**
‘SUNPIX1101’

(50) Latin Name: *Osteospermum ecklonis*
Varietal Denomination: **Sunpix1101**

(75) Inventor: **Bjarne Nyholm Larsen**, Odense N.
(DK)

(73) Assignee: **Sunny Gronnegyden**, Osense (DK)

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 144 days.

(21) Appl. No.: **13/385,837**

(22) Filed: **Mar. 7, 2012**

(51) **Int. Cl.**
A01H 5/00 (2006.01)

(52) **U.S. Cl.**
USPC **Plt./360**

(58) **Field of Classification Search**
USPC **Plt./360**
See application file for complete search history.

Primary Examiner — June Hwu

(74) *Attorney, Agent, or Firm* — C. A. Whealy

(57) **ABSTRACT**

A new and distinct cultivar of *Osteospermum* plant named
‘Sunpix1101’, characterized by its upright, outwardly
spreading and mounding plant habit; freely branching growth
habit; freely flowering habit; daisy-type inflorescences with
light greyed purple-colored ray florets; good garden perfor-
mance and tolerance to high temperatures.

1 Drawing Sheet

1

Botanical designation: *Osteospermum ecklonis*.
Cultivar denomination: ‘SUNPIX1101’.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar
of *Osteospermum* plant, botanically known as *Osteospermum*
ecklonis, and hereinafter referred to by the name
‘Sunpix1101’.

The new *Osteospermum* plant is a product of a planned
breeding program conducted by the Inventor in Odense, Den-
mark. The objective of the program is to create and develop
new *Osteospermum* plants with compact and uniformly
mounded plant habit, freely flowering habit and attractive
inflorescence coloration.

The new *Osteospermum* plant originated from a cross-
pollination by the Inventor in May, 2008 of *Osteospermum*
ecklonis ‘Sunny Amanda’, disclosed in U.S. Plant Pat. No.
16,522, as the female, or seed, parent with a proprietary
selection of *Osteospermum ecklonis* identified as code num-
ber 05.30.001, not patented, as the male, or pollen, parent.
The new *Osteospermum* plant was discovered and selected by
the Inventor as a single flowering plant within the progeny of
the stated cross-pollination in a controlled greenhouse envi-
ronment in Odense, Denmark in June, 2009.

Asexual reproduction of the new *Osteospermum* plant by
terminal cuttings in a controlled greenhouse environment in
Odense, Denmark since November, 2009 has shown that the
unique features of this new *Osteospermum* plant are stable
and reproduced true to type in successive generations.

SUMMARY OF THE INVENTION

Plants of the new *Osteospermum* have not been observed
under all possible environmental conditions and cultural
practices. The phenotype may vary somewhat with variations
in environmental conditions such as temperature and light
intensity, without, however, any variance in genotype.

The following traits have been repeatedly observed and are
determined to be the unique characteristics of ‘Sunpix1101’.

2

These characteristics in combination distinguish
‘Sunpix1101’ as a new and distinct *Osteospermum* plant:

1. Upright, outwardly spreading and mounding plant habit.
2. Freely branching growth habit.
3. Freely flowering habit.
4. Daisy-type inflorescences with light greyed purple-
colored ray florets.
5. Good garden performance and tolerance to high tem-
peratures.

Plants of the new *Osteospermum* differ primarily from
plants of the female parent, ‘Sunny Amanda’, in ray floret
color as plants of ‘Sunny Amanda’ have yellow and white-
colored ray florets.

Plants of the new *Osteospermum* differ slightly from plants
of the male parent selection in ray floret color as plants of the
male parent selection have yellow-colored ray florets.

Plants of the new *Osteospermum* can be compared to plants
of the *Osteospermum* ‘Sunny Serena’, disclosed in U.S. Plant
Pat. No. 15,693. In side-by-side comparisons conducted in
Odense, Denmark, plants of the new *Osteospermum* differed
from plants of ‘Sunny Serena’ in the following characteris-
tics:

1. Leaves of plants of the new *Osteospermum* were more
rounded than and not as long as leaves of plants of
‘Sunny Serena’.
2. Plants of the new *Osteospermum* and ‘Sunny Serena’
differed in ray floret color as plants of ‘Sunny Serena’
had pale yellow-colored ray florets.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

The accompanying photographs illustrate the overall
appearance of the new *Osteospermum* plant showing the col-
ors as true as it is reasonably possible to obtain in colored
reproductions of this type. Colors in the photographs may
differ slightly from the color values cited in the detailed
botanical description which accurately describe the colors of
the new *Osteospermum* plant.

The photograph at the bottom of the sheet comprises a side perspective view of a typical flowering plant of 'Sunpix1101' grown in a container.

The photograph at the top of the sheet is a close-up view of a typical flowering plant of 'Sunpix1101'.

DETAILED BOTANICAL DESCRIPTION

The aforementioned photographs, following observations and measurements describe plants grown during the summer in one-gallon containers in an outdoor nursery in Bonsall, Calif. under cultural practices which approximate those generally used in commercial *Osteospermum* production. During the production of the plants, day temperatures ranged from 27° C. to 35° C. and night temperatures ranged from 16° C. to 20° C. Plants were pinched one time and were twelve weeks old when the photographs and description were taken. In the following description, color references are made to The Royal Horticultural Society Colour Chart, 2007 Edition, except where general terms of ordinary dictionary significance are used.

Botanical classification: *Osteospermum ecklonis* 'Sunpix1101'.

Parentage:

Female, or seed, parent.—*Osteospermum ecklonis* 'Sunny Amanda', disclosed in U.S. Plant Pat. No. 16,522.

Male, or pollen, parent.—Proprietary selection of *Osteospermum ecklonis* identified as code number 05.30.001, not patented.

Propagation:

Type.—Terminal vegetative cuttings.

Time to initiate roots, summer.—About 12 days at 18° C.

Time to initiate roots, winter.—About 14 days at 18° C. to 20° C.

Time to produce a rooted cutting, summer.—About 20 days at 18° C. to 20° C.

Time to produce a rooted cutting, winter.—About 28 days at 18° C.

Root description.—Medium in thickness, fibrous; white in color.

Rooting habit.—Freely branching; medium density.

Plant description:

Plant and growth habit.—Upright, outwardly spreading and mounding plant habit; inflorescences positioned above and beyond the foliar plane; moderately vigorous to vigorous growth habit.

Plant height.—About 30 cm.

Plant diameter.—About 44 cm.

Lateral branches.—Quantity per plant: Freely branching habit with about 14 primary lateral branches per plant; pinching enhances branching potential. Length: About 29 cm. Diameter: About 6 mm. Internode length: About 1.2 cm. Strength: Strong. Texture: Pubescent. Color: Close to 145B.

Foliage description.—Arrangement: Alternate, simple. Length: About 5 cm. Width: About 2.8 cm. Shape: Oblanceolate. Apex: Broadly acute. Base: Attenuate. Margin: Broadly dentate. Texture, upper and lower surfaces: Slightly pubescent. Venation pattern: Pinnate, arcuate. Color: Developing leaves, upper and lower surfaces: Close to 146C. Fully expanded leaves, upper surface: Close to 147A; venation, close to 147B. Fully expanded leaves, lower surface: Close to 147B; venation, close to 147B. Petiole: Length:

About 2 cm. Diameter: About 4 mm. Texture, upper and lower surfaces: Pubescent. Color, upper and lower surfaces: Close to 146C.

Inflorescence description:

Appearance.—Daisy-type inflorescence form with oblanceolate-shaped ray florets; inflorescences terminal and axillary and positioned above and beyond the foliar plane; disc and ray florets developing acropetally on a capitulum; inflorescences face mostly upright to outwardly.

Flowering habit.—Freely flowering habit with about 24 inflorescences developing per plant.

Fragrance.—None detected.

Flowering response.—In southern California, plants of the new *Osteospermum* flower continuously from early spring to mid-summer; early flowering habit, plants begin flowering about six to eight weeks after planting.

Inflorescence longevity.—Inflorescences of plants of the new *Osteospermum* last about five days on the plant; inflorescences persistent.

Inflorescence bud.—Height: About 1.9 cm. Diameter: About 1.1 cm. Shape: Ovate to lanceolate. Color: Close to 176A to 176B.

Inflorescence size.—Diameter: About 4.6 cm. Depth (height): About 2.6 cm. Disc diameter: About 8 mm. Receptacle diameter: About 9 mm. Receptacle height: About 1.1 cm.

Ray florets.—Length: About 2.5 cm. Width: About 6 mm. Shape: Oblanceolate. Apex: Emarginate. Base: Attenuate. Margin: Entire. Aspect: About 45° from vertical. Texture, upper surface: Smooth, glabrous; velvety. Texture, lower surface: Smooth, glabrous; satiny. Number of ray florets per inflorescence: About 15 arranged in a single whorl. Color: When opening, upper surface: Close to 182B to 182C. When opening, lower surface: Longitudinal stripes, close to 176B and 165B to 165C. Fully opened, upper surface: Towards the apex, close to 185D; mid-section, close to 186D; towards the base, close to 186C; color does not change with development. Fully opened, lower surface: Longitudinal stripes, close to 176A, 165C and 177A.

Disc florets.—Shape: Tubular; apex dentate, five-pointed. Length: About 7 mm. Diameter, apex: About 1.5 mm. Diameter, base: About 1 mm. Number of disc florets per inflorescence: About 44. Color, immature: Close to 103A. Color, mature: Apex: Close to N92A. Mid-section: Close to 95D. Base: Close to NN155C.

Phyllaries.—Quantity per inflorescence: About 20 arranged in a single whorl. Length: About 9 mm. Width: About 2 mm. Shape: Lanceolate. Apex: Acuminate. Base: Truncate. Margin: Entire. Texture, upper surface: Smooth, glabrous. Texture, lower surface: Pubescent. Color, upper surface: Close to 137A. Color, lower surface: Close to 146A.

Peduncles.—Length, terminal peduncle: About 8.3 cm. Length, third peduncle: About 6.3 cm. Diameter: About 2 mm. Strength: Strong. Aspect, terminal peduncles: Mostly upright. Aspect, axillary peduncles: About 30° to 35° from vertical. Texture: Sparsely pubescent. Color: Close to 146C.

Reproductive organs.—Androecium: Present on disc florets only. Filament length: About 2 mm. Filament

color: Close to NN155D. Anther shape: Oblong. Anther length: About 2 mm. Anther color: Close to 79B. Pollen amount: Scarce. Pollen color: Close to 167A. Gynoecium: Present on both ray and disc florets. Pistil length: About 6 mm. Stigma shape: Bi-

parted. Stigma color: Close to N92A. Style length: About 3 mm. Style color: Close to N88C. Ovary color: Close to 157A.
Seeds and fruits.—Seed and fruit development has not been observed on plants of the new *Osteospermum*.

Disease & pest resistance: Plants of the new *Osteospermum* have not been shown to be resistant to pathogens and pests common to *Osteospermums*.

Garden performance: Plants of the new *Osteospermum* have been observed to have good garden performance and to tolerate rain, wind, high temperatures of about 40° C. and to be hardy to USDA Hardiness Zone 9.

It is claimed:

1. A new and distinct *Osteospermum* plant named 'Sunpix1101' as illustrated and described.

* * * * *

