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(54) **OSTEOSPERMUM PLANT NAMED**  
**'SUNPIX0806'**

(50) Latin Name: *Osteospermum ecklonis*  
Varietal Denomination: **Sunpix0806**

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

(73) Assignee: **Sunny Gronnegyden APS**, Odense  
(DK)

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See application file for complete search history.

*Primary Examiner*—Annette H Para

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

(57) **ABSTRACT**

A new and distinct cultivar of *Osteospermum* plant named  
'Sunpix0806', characterized by its compact and mounded  
plant habit; freely branching growth habit; freely flowering  
habit; daisy-type inflorescences with red purple-colored ray  
florets; and good garden performance.

**2 Drawing Sheets**

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Botanical designation: *Osteospermum ecklonis*.  
Cultivar denomination: 'SUNPIX0806'.

**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  
'Sunpix0806'.

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* cultivars with uniformly mounded plant  
habit, freely flowering habit and attractive inflorescence col-  
oration.

The new *Osteospermum* plant originated from a cross-  
pollination by the Inventor in May, 2006 of a proprietary  
selection of *Osteospermum ecklonis* identified as code num-  
ber 03.70.003, not patented, as the female, or seed parent with  
the *Osteospermum ecklonis* 'Sunny Florence', disclosed in  
U.S. Plant Pat. No. 17,307, as the male, or pollen, parent. The  
new *Osteospermum* was discovered and selected by the  
Inventor as a single flowering plant within the progeny of the  
stated cross-pollination in a controlled greenhouse environ-  
ment in Odense, Denmark in May, 2007.

Asexual reproduction of the new *Osteospermum* plant by  
terminal cuttings in a controlled greenhouse environment in  
Odense, Denmark since November, 2007, 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. The phenotype  
may vary somewhat with variations in environment such as  
temperature, daylength 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 'Sunpix0806'.  
These characteristics in combination distinguish  
'Sunpix0806' as a new and distinct cultivar of *Osteosper-*  
*mum*:

1. Compact and mounded plant habit.
2. Freely branching growth habit.

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3. Freely flowering habit.
4. Daisy-type inflorescences with red purple-colored ray  
florets.
5. Good garden performance.

Plants of the new *Osteospermum* differ from plants of the  
female parent selection in the following characteristics:

1. Plants of the new *Osteospermum* are more compact than  
and not as vigorous as plants of the female parent selec-  
tion.
2. Plants of the new *Osteospermum* have smaller and more  
rounded leaves than plants of the female parent selec-  
tion.
3. Plants of the new *Osteospermum* and the female parent  
selection differ in ray floret color as plants of the female  
parent selection have pinkish orange-colored ray florets.

Plants of the new *Osteospermum* differ from plants of the  
male parent, 'Sunny Florence' in the following characteris-  
tics:

1. Plants of the new *Osteospermum* are more compact than  
and not as vigorous as plants of 'Sunny Florence'.
2. Plants of the new *Osteospermum* have more rounded  
leaves than plants of 'Sunny Florence'.
3. Plants of the new *Osteospermum* and 'Sunny Florence'  
differ in ray floret color as plants of 'Sunny Florence'  
have pale orange-colored ray florets.

Plants of the new *Osteospermum* can be compared to plants  
of *Osteospermum ecklonis* 'Sunny Elizabeth', disclosed in  
U.S. Plant Pat. No. 16,564. In side-by-side comparisons con-  
ducted in Odense, Denmark, plants of the new *Osteospermum*  
differed from plants of 'Sunny Elizabeth' in the following  
characteristics:

1. Plants of the new *Osteospermum* were more compact  
than and not as vigorous as plants of 'Sunny Elizabeth'.
2. Plants of the new *Osteospermum* had smaller inflores-  
cences than plants of 'Sunny Elizabeth'.

**BRIEF DESCRIPTION OF THE PHOTOGRAPHS**

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

The photograph on the first sheet comprises a side perspective view of a typical flowering plant of 'Sunpix0806'.

The photograph on the second sheet is a close-up view of typical inflorescences of 'Sunpix0806'.

#### DETAILED BOTANICAL DESCRIPTION

The aforementioned photographs, following observations and measurements describe plants grown in Bonsall, Calif. during the spring in a polyethylene-covered greenhouse and under conditions and practices which approximate those generally used in commercial *Osteospermum* production. During the production of the plants, day temperatures averaged 24° C. and night temperatures averaged 14° C. Plants were pinched one time. Plants were 16 weeks old when the photographs and description were taken. In the following description, color references are made to The Royal Horticultural Society Colour Chart, 2001 Edition, except where general terms of ordinary dictionary significance are used.

Botanical classification: *Osteospermum ecklonis* 'Sunpix0806'.

#### Parentage:

*Female, or seed, parent.*—Proprietary selection of *Osteospermum ecklonis* identified as code number 03.70.003, not patented.

*Male, or pollen, parent.*—*Osteospermum ecklonis* 'Sunny Florence', disclosed in U.S. Plant Pat. No. 17,307.

#### Propagation:

*Type.*—Terminal vegetative cuttings.

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

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

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

*Time to produce a rooted cutting, winter.*—About four weeks at 18° C.

*Root description.*—Medium in thickness, fibrous; light tan in color.

*Rooting habit.*—Freely branching; moderately dense.

#### Plant description:

*Plant form/growth habit.*—Compact, upright and mounded plant habit.

*Plant height.*—About 27 cm.

*Plant diameter.*—About 41 cm.

*Lateral branch length.*—About 14 cm.

*Foliage description.*—Arrangement/quantity: Alternate, simple; leaves sessile; about 19 leaves per lateral branch. Length: About 4.1 cm. Width: About 1.7 cm. Shape: Oblanceolate. Apex: Obtuse or abruptly acuminate. Base: Narrowly cuneate. Margin: Entire with infrequent shallow indentations. Texture, upper and lower surface: Slightly pubescent. Color: Developing leaves, upper surface: Close to 143A. Developing leaves, lower surface: Close to 139C. Fully expanded leaves, upper surface: Close to 137B; venation, close to 143B. Fully expanded leaves, lower surface: Close to 137D; venation, close to 144B.

#### Inflorescence description:

*Appearance.*—Daisy-type inflorescences; inflorescences positioned above and beyond the foliage; inflorescences terminal and axillary. Disc and ray flo-

rets developing acropetally on a capitulum. Freely flowering habit; about twelve inflorescences developing per lateral branch.

*Fragrance.*—Faintly fragrant; musky.

*Flowering response.*—Plants of the new *Osteospermum* flower continuously from February to September; inflorescences last about two to three weeks on the plant; inflorescences persistent.

*Inflorescence bud.*—Height: About 9 mm. Diameter: About 1 cm. Shape: Spherical. Color: Close to 137C.

*Inflorescence size.*—Diameter: About 5.3 cm. Depth (height): About 2.1 cm. Disc diameter: About 1.5 cm. Receptacle diameter: About 6 mm. Receptacle height: About 3 mm.

*Ray florets.*—Length: About 2.5 cm. Width: About 8 mm. Shape: Oblanceolate. Apex: Obtuse. Margin: Entire. Texture, upper and lower surfaces: Smooth, glabrous. Number of ray florets per inflorescence: About 24 in a single whorl. Color: When opening, upper surface: Close to 75A; streaks, close to 77C. When opening, lower surface: Close to N79A; stripes, close to 36A. Fully opened, upper surface: Close to 64B; streaks, close to 72A; color becoming closer to 70A with development. Fully opened, lower surface: Close to N77B; streaks, close to 38B; color becoming closer to N77A, streaks, close to 70D, with development.

*Disc florets.*—Shape: Tubular; apex, five-pointed. Length: About 6 mm. Diameter: About 1.5 mm. Number of disc florets per inflorescence: About 95. Color: Immature: Close to 79B. Mature: Close to 79A; with development, close to N79A.

*Phyllaries.*—Quantity per inflorescence: About 20. Length: About 8 mm. Width: About 2 mm. Shape: Lanceolate. Apex: Acute. Margin: Entire. Texture: Slightly pubescent. Color, upper and lower surfaces: Close to 144B.

*Peduncles.*—Length, terminal peduncle: About 4.8 cm. Length, axillary peduncle: About 2.9 cm. Diameter: About 2 mm. Strength: Strong. Aspect, terminal peduncle: Erect. Aspect, axillary peduncle: About 15° to 30° from vertical. Texture: Pubescent. Color: Close to 138B.

*Reproductive organs.*—Androecium: Present on disc florets only. Anther shape: Lanceolate. Anther length: About 1 mm. Anther color: Close to N77A. Pollen amount: Moderate. Pollen color: Close to 25B. Gynoecium: Present on both ray and disc florets. Pistil length: About 4 mm. Stigma shape: Two-branched. Stigma length: About 1 mm. Stigma color: Close to N77A. Style length: About 3 mm. Style color: Close to N155A.

*Seeds/fruits.*—Seed and fruit development have 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 and temperatures ranging from about -4° C. to about 30° C.

It is claimed:

1. A new and distinct *Osteospermum* plant named 'Sunpix0806' as illustrated and described.



