



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

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(54) **ANGELONIA PLANT NAMED**  
**‘SUNGELODEPI’**

(50) Latin Name: *Angelonia angustifolia*  
Varietal Denomination: **Sungelodepi**

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(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 59 days.

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See application file for complete search history.

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(57) **ABSTRACT**

A new and distinct cultivar of *Angelonia* plant named ‘Sungelodepi’, characterized by its compact and upright plant habit; freely branching habit; freely flowering habit; long flowering period; large purple-colored flowers; and good garden performance.

**1 Drawing Sheet**

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Botanical designation: *Angelonia angustifolia*.  
Cultivar denomination: ‘SUNGELODEPI’.

**BACKGROUND OF THE INVENTION**

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

The new *Angelonia* plant is a product of a planned breeding program conducted by the Inventor in Higashiomi, Shiga, Japan. The objective of the breeding program is to create new compact, upright and freely branching *Angelonia* plants with attractive flower coloration.

The new *Angelonia* plant originated from a cross-pollination made by the Inventor in August, 2006 in Higashiomi, Shiga, Japan of a proprietary selection of *Angelonia angustifolia* identified as code number A121-1, not patented, as the female, or seed, parent with a proprietary selection of *Angelonia angustifolia* identified as code number AA-03, not patented, as the male, or pollen, parent. The new *Angelonia* 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 environment in Higashiomi, Shiga, Japan in August, 2007.

Asexual reproduction of the new *Angelonia* plant by cuttings in a controlled greenhouse environment in Higashiomi, Shiga, Japan since September, 2007, has shown that the unique features of this new *Angelonia* plant are stable and reproduced true to type in successive generations.

**SUMMARY OF THE INVENTION**

Plants of the new *Angelonia* have not been observed under all possible environmental conditions. The phenotype may vary somewhat with variations in environment and cultural practices 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 ‘Sungelodepi’. These characteristics in combination distinguish ‘Sungelodepi’ as a new and distinct *Angelonia* plant:

1. Compact and upright plant habit.
2. Freely branching habit.

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3. Freely flowering habit.
4. Long flowering period.
5. Large purple-colored flowers.
6. Good garden performance.

Plants of the new *Angelonia* differ from plants of the female parent selection primarily in plant habit as plants of the new *Angelonia* are more compact than plants of the female parent selection. In addition, plants of the new *Angelonia* and the female parent selection differ in flower color as plants of the female parent selection have light pink-colored flowers.

Plants of the new *Angelonia* differ from plants of the male parent selection primarily in plant habit as plants of the new *Angelonia* are more compact than plants of the male parent selection. In addition, plants of the new *Angelonia* and the male parent selection differ in flower color as plants of the male parent selection have violet-colored flowers.

Plants of the new *Angelonia* can be compared to plants of *Angelonia angustifolia* ‘Cart Pur’, disclosed in U.S. Plant Pat. No. 15,285. In side-by-side comparisons conducted in Higashiomi, Shiga, Japan, plants of the new *Angelonia* and ‘Cart Pur’ differed in the following characteristics:

1. Plants of the new *Angelonia* were more upright and narrower than plants of ‘Cart Pur’.
2. Plants of the new *Angelonia* had larger leaves than plants of ‘Cart Pur’.
3. Plants of the new *Angelonia* and ‘Cart Pur’ differed in flower color as plants of ‘Cart Pur’ had purple violet-colored flowers.

**BRIEF DESCRIPTION OF THE PHOTOGRAPHS**

The accompanying colored photographs illustrate the overall appearance of the new *Angelonia* plant showing the colors 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 *Angelonia* plant.



The photograph at the top of the sheet comprises a side perspective view of a typical flowering plant of ‘Sungelodepi’ grown in a container.

The photograph at the bottom of the sheet comprises a close-up view of a typical flowering plant of ‘Sungelodepi’.

#### DETAILED BOTANICAL DESCRIPTION

Plants used for the aforementioned photographs and the following observations, measurements and values were grown during the summer and autumn in 15-cm containers in a polyethylene-covered greenhouse in Higashiomi, Shiga, Japan and under typical commercial cultural practices. During the production of the plants, day temperatures averaged 22° C. and night temperatures averaged 15° C. Plants were four months old when the photographs and the 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: *Angelonia angustifolia* ‘Sungelodepi’.

Parentage:

*Female, or seed, parent.*—Proprietary selection of *Angelonia angustifolia* identified as code number A121-1, not patented.

*Male, or pollen, parent.*—Proprietary selection of *Angelonia angustifolia* identified as code number AA-03, not patented.

Propagation:

*Type.*—By cuttings.

*Time to initiate roots, summer.*—About two weeks at 20° C. to 30° C.

*Time to initiate roots, winter.*—About three weeks at 20° C. to 25° C.

*Time to produce a rooted young plant, summer.*—About four weeks at 25° C. to 30° C.

*Time to produce a rooted young plant, winter.*—About five weeks at 20° C. to 25° C.

*Root description.*—Fibrous; white in color.

*Rooting habit.*—Moderate branching; medium density.

Plant description:

*Plant form/habit.*—Herbaceous perennial; compact and upright plant habit; narrow inverted triangle; freely branching habit, when pinched, about eleven lateral branches develop per plant; vigorous growth habit.

*Plant height.*—About 36.4 cm.

*Plant width (spread).*—About 21 cm.

*Lateral branches.*—Length: About 27.2 cm. Diameter: About 2.4 mm. Internode length: About 1.7 cm. Texture: Smooth, glabrous. Color: Close to 144B.

Leaf description:

*Arrangement.*—Opposite, decussate; simple; sessile.

*Length.*—About 6.7 cm.

*Width.*—About 1.1 cm.

*Shape.*—Narrowly elliptic.

*Apex.*—Acute.

*Base.*—Truncate to rounded.

*Margin.*—Shallowly serrate.

*Texture, upper and lower surfaces.*—Smooth, glabrous.

*Venation pattern.*—Pinnate, reticulate.

*Color.*—Developing leaves, upper surface: Close to 138A. Developing leaves, lower surface: Close to 144A. Fully expanded leaves, upper surface: Close to

N137D; venation, close to 145B. Fully expanded leaves, lower surface: Close to 138A; venation, close to 145C.

Flower description:

*Flower type/habit.*—Single bilabiate flowers arranged in terminal racemes; flowers face mostly outwardly; freely flowering habit with about 15 flowers per inflorescence; dense inflorescences.

*Fragrance.*—Faintly fragrant, pleasant.

*Natural flowering season.*—Plants begin flowering about six to seven weeks after planting; long flowering period, in the garden, flowering is continuous from late spring until autumn in Japan.

*Postproduction longevity.*—Flowers last about five days on the plant; flowers not persistent.

*Flower buds.*—Height: About 4.6 mm. Diameter: About 3.6 mm. Shape: Globose. Color: Close to 145C and 68B.

*Inflorescence height.*—About 10.8 cm.

*Inflorescence diameter.*—About 4 cm.

*Flower diameter.*—About 2.2 cm by 2.1 cm.

*Flower depth.*—About 1 cm.

*Throat diameter.*—About 5.7 mm.

*Tube length.*—About 5.8 mm.

*Petals.*—Quantity per flower: Bilabiate; one upper two-lobed petal and one lower three-lobed petal; petals fused at the base into a tubular throat. Length, upper lip: About 7 mm. Length, lower lip, lateral lobes: About 7.5 mm. Length, lower lip, median lobe: About 8.2 mm. Width, upper lip: About 8 mm. Length, lower lip, lateral lobes: About 7.9 mm. Length, lower lip, median lobe: About 8 mm. Shape, upper lip: Rounded; apex, truncate to rounded. Shape, lower lip, lateral and median lobes: Rounded; apex, rounded. Margin, upper and lower lips: Entire. Texture, upper and lower lips, upper and lower surfaces: Smooth, glabrous. Color: Upper lip, when opening, upper surface: Close to N78B. Lower lip, lateral lobes, when opening, upper surface: Close to N78B. Lower lip, median lobe, when opening, upper surface: Close to N78B; platform, close to 155C; nectar guides, close to N186C. Upper and lower lips, when opening, lower surface: Close to N78C. Upper lip, fully opened, upper surface: Close to N78C. Lower lip, lateral lobes, fully opened, upper surface: Close to N78C. Lower lip, median lobe, fully opened, upper surface: Close to N78C; platform, close to 155C; nectar guides, close to N186C. Upper and lower lips, fully opened, lower surface: Close to N78D. Throat: Close to 76B and 75A; spots, close to N79A and N92A. Tube: Close to 70B.

*Sepals.*—Quantity per flower: Typically five in a single whorl. Length: About 2.8 mm. Width: About 1.7 mm. Shape: Ovate. Apex: Acute. Margin: Entire. Texture, upper and lower surfaces: Smooth, glabrous. Color: Immature and mature, upper surface: Close to 137A. Immature and mature, lower surface: Close to N200A.

*Pedicels.*—Length: About 1.2 mm. Diameter: About 0.5 mm. Angle: Outward. Strength: Moderately strong; flexible. Texture: Smooth, glabrous. Color: Close to N199B.

*Reproductive organs.*—Stamens: Quantity per flower: Typically four. Stamen length: About 3.5 mm. Anther shape: Oblong. Anther length: About 2.4 mm. Anther

color: Close to 75C. Pollen amount: Moderate. Pollen color: Close to NN155A. Pistils: Quantity per flower: One. Pistil length: About 3.7 mm. Stigma shape: Tapering. Stigma color: Close to 186B. Style color: Close to NN155D. Ovary color: Close to 144A.  
*Seeds/fruits*.—Seed and fruit production have not been observed.  
Disease/pest resistance: Plants of the new *Angelonia* have not been noted to be resistant to pathogens and pests common to *Angelonia*.

Garden performance: Plants of the new *Angelonia* have been observed to have good garden performance and tolerate rain, wind and temperatures ranging from about 5° C. to about 40° C.  
It is claimed:  
1. A new and distinct *Angelonia* plant named ‘Sungelo-depi’ as illustrated and described.

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