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

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(54) ***ANGELONIA* PLANT NAMED 'ANBLUIM'**

(50) Latin Name: ***Angelonia* hybrid**
Varietal Denomination: **Anbluim**

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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 0 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 'Anbluim', characterized by its compact, upright and outwardly slanting plant habit; freely branching habit; early and freely flowering habit; large dark violet-colored flowers; and good garden performance.

**1 Drawing Sheet**



Botanical designation: *Angelonia* hybrid.
Cultivar denomination: 'ANBLUIM'.

## BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar of *Angelonia* plant, botanically known as *Angelonia* hybrid, and hereinafter referred to by the name 'Anbluim'.

The new *Angelonia* plant is a product of a planned breeding program conducted by the Inventor in Dresden, Germany. The objective of the breeding program is to create new compact and freely-flowering *Angelonia* plants with attractive flower coloration.

The new *Angelonia* plant originated from a cross-pollination made by the Inventor during the summer of 2005 in Dresden, Germany of two unnamed proprietary selections of *Angelonia hybrida*, not patented. 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 Dresden, Germany during the summer of 2006.

Asexual reproduction of the new *Angelonia* plant by cuttings in a controlled greenhouse environment in Dresden, Germany since December, 2006, 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 'Anbluim'. These characteristics in combination distinguish 'Anbluim' as a new and distinct cultivar of *Angelonia* plant:

1. Compact, upright and outwardly slanting plant habit.
2. Freely branching habit.
3. Early and freely flowering habit.
4. Large dark violet-colored flowers.
5. Good garden performance.



Plants of the new *Angelonia* differ from plants of the parent selections primarily in plant and flowering habit as plants of the new *Angelonia* are more freely branching and freely flowering than plants of the parent selections.

Plants of the new *Angelonia* can be compared to plants of *Angelonia* hybrid 'Anblauzwei', disclosed in U.S. Plant Pat. No. 14,189. In side-by-side comparisons conducted in Dresden, Germany, plants of the new *Angelonia* and 'Anblauzwei' differed in the following characteristics:

1. Plants of the new *Angelonia* were shorter than and not as broad as plants of 'Anblauzwei'.
2. Plants of the new *Angelonia* were more freely branching than plants of 'Anblauzwei'.

## 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 bottom of the sheet comprises a side perspective view of typical flowering plants of 'Anbluim'.

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

## DETAILED BOTANICAL DESCRIPTION

Plants used for the aforementioned photographs and the following observations, measurements and values were grown during the winter and spring in 13-cm containers in a glass-covered greenhouse in Dresden, Germany and under typical commercial cultural practices. During the production of the plants, day temperatures averaged 20° C., night temperatures averaged 16° C. and light levels ranging from 15 kilolux to 100 kilolux. Plants were pinched twice, two and five weeks after planting. Plants were five 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, 1995 Edition, except where general terms of ordinary dictionary significance are used.

Botanical classification: *Angelonia hybrida* 'Anbluim'.

Parentage:

*Female, or seed, parent.*—Unnamed proprietary selection of *Angelonia hybrida*, not patented.

*Male, or pollen, parent.*—Unnamed proprietary selection of *Angelonia hybrida*, not patented.

Propagation:

*Type.*—By cuttings.

*Time to initiate roots.*—About 20 days at 20° C.

*Time to produce a rooted young plant.*—About four weeks at 20° C.

*Root description.*—Fine, fibrous; white in color.

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

Plant description:

*Plant form/habit.*—Herbaceous perennial; compact, upright and outwardly slanting plant habit; broad inverted triangle; freely branching habit; when pinched, about five to seven lateral branches develop per plant; vigorous growth habit.

*Plant height.*—About 45 cm.

*Plant width* (*spread*).—About 30 cm.

*Lateral branches.*—Length: About 40 cm. Diameter: About 4 mm. Internode length: About 1 cm to 2 cm. Strength: Moderately strong to strong. Texture: Slightly pubescent. Color: Close to 137C.

Leaf description:

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

*Length.*—About 2 cm to 8 cm.

*Width.*—About 1 cm to 2.5 cm.

*Shape.*—Lanceolate to oblong.

*Apex.*—Acute.

*Base.*—Attenuate.

*Margin.*—Serrate.

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

*Venation pattern.*—Pinnate.

*Color.*—Developing and fully expanded leaves, upper surface: Close to 139A; venation, close to 139A. Developing leaves, lower surface: Close to 137B; midvein, close to 145C; lateral veins, close to 137B.

Flower description:

*Flower type/habit.*—Single flowers arranged in terminal racemes; flowers face mostly outwardly; freely flowering habit; dense inflorescences.

*Fragrance.*—None detected.

*Natural flowering season.*—Early flowering habit, plants begin flowering about ten weeks after planting; in the garden, flowering is continuous from mid-May until frost in Central Europe.

*Postproduction longevity.*—Flowers last about 20 days on the plant; flowers not persistent.

*Flower buds.*—Height: About 5 mm. Diameter: About 5 mm. Shape: Globose. Color: Close to 137A.

*Inflorescence height.*—About 15 cm.

*Inflorescence diameter.*—About 8 cm.

*Flower diameter.*—About 3.3 cm by 3 cm.

*Flower depth.*—About 1 cm.

*Petals.*—Quantity per flower: Typically five in a single whorl; petals fused at the base into a tubular throat. Length: About 1.2 cm. Width: About 1.6 cm. Shape: Roughly spatulate. Apex: Rounded. Margin: Entire; undulate. Texture, upper and lower surfaces: Smooth, glabrous; velvety. Color: When opening and fully opened, upper surface: Darker than 82A to more blue than 83A; color becoming closer to 82A with development. When opening and fully opened, lower surface: Close to 82A; color becoming closer to 82C with development. Throat: Close to 155D.

*Sepals.*—Quantity per flower: Typically five in a single whorl. Length: About 5 mm. Width: About 3 mm. Shape: Ovate. Apex: Acute. Margin: Entire. Texture, upper and lower surfaces: Smooth, glabrous. Color, upper and lower surfaces: Close to 139A.

*Pedicels.*—Length: About 2 cm. Diameter: About 1 mm. Angle: Outward to slightly upright, less than 90° from vertical. Strength: Moderately strong; flexible. Texture: Slightly pubescent. Color: Close to 146A.

*Reproductive organs.*—Stamens: Quantity per flower: Typically four. Filament length: About 3 mm. Filament color: Close to 85D. Anther shape: Elliptic. Anther length: About 2 mm. Anther color: Close to 83A. Pollen amount: Moderate. Pollen color: Close to 155D. Pistils: Quantity per flower: One. Pistil length: About 3 mm. Stigma shape: Tapering. Stigma color: Close to 155D. Style length: About 4 mm. Style color: Close to 155D. Ovary color: Close to 177A.

*Fruits.*—Length: About 5 mm. Diameter: About 5 mm. Color: Close to 177B.

*Seeds.*—Quantity per flower: About 30 to 50. Length: Less than 1 mm. Diameter: Less than 1 mm. Color: Light brown.

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 1° C. to 30° C.

It is claimed:

**1**. A new and distinct *Angelonia* plant named 'Anbluim' as illustrated and described.

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