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

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(54) **ANTIRRHINUM PLANT NAMED**  
**'BALUMWHITIM'**

(50) Latin Name: *Antirrhinum majus*  
Varietal Denomination: **Balumwhitim**

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(\* ) Notice: Subject to any disclaimer, the term of this  
patent is extended or adjusted under 35  
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(51) **Int. Cl.**<sup>7</sup> ..... **A01H 5/00**

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(58) **Field of Search** ..... **Plt./322**

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(57) **ABSTRACT**

A new and distinct cultivar of *Antirrhinum* plant named  
'Balumwhitim', characterized by its upright, outwardly  
spreading and mounded plant habit; freely basal branching  
growth habit; and white-colored flowers.

**2 Drawing Sheets**

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Botanical classification/cultivar denomination: *Antirrhinum majus* cultivar Balumwhitim.

**BACKGROUND OF THE INVENTION**

The present Invention relates to a new and distinct cultivar of *Antirrhinum* plant, botanically known as *Antirrhinum majus*, and hereinafter referred to by the name 'Balumwhitim'.

The new *Antirrhinum* is a product of a planned breeding program conducted by the Inventor in Arroyo Grande, Calif. The objective of the breeding program is to develop new vigorous *Antirrhinum* cultivars that have a freely basal branching growth habit and numerous flowers with attractive coloration.

The new *Impatiens* originated from a cross-pollination made by the Inventor in 2000 of a proprietary selection of *Antirrhinum majus* identified as code number 576-1, not patented, as the female, or seed parent, with the *Antirrhinum majus* cultivar Layel, disclosed in U.S. Plant Pat. No. 9,985, as the male, or pollen parent. The cultivar Balumwhitim was discovered and selected by the Inventor as a flowering plant within the progeny of the stated cross-pollination in a controlled environment in Arroyo Grande, Calif.

Asexual reproduction of the new cultivar by cuttings taken in Arroyo Grande, Calif. since May, 2000, has shown that the unique features of this new *Antirrhinum* are stable and reproduced true to type in successive generations.

**SUMMARY OF THE INVENTION**

The following traits have been repeatedly observed and are determined to be the unique characteristics of 'Balumwhitim'. These characteristics in combination distinguish 'Balumwhitim' as a new and distinct *Antirrhinum* cultivar:

1. Upright, outwardly spreading and mounded plant habit.
2. Freely branching growth habit.
3. White-colored flowers.

Plants of the new *Antirrhinum* differ from plants of the parent selections in plant growth habit and flower coloration.

Plants of the new *Antirrhinum* can be compared to plants of the cultivar Lawhi, disclosed in U.S. Plant Pat. No. 10,006. In side-by-side comparisons conducted in West

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Chicago, Ill., plants of the new *Antirrhinum* differed from plants of the cultivar Lawhi in the following characteristics:

1. Plants of the new *Antirrhinum* were more upright than and not as spreading as plants of the cultivar Lawhi.
2. Plants of the new *Antirrhinum* had smaller leaves than plants of the cultivar Lawhi.
3. Plants of the new *Antirrhinum* had more flowering branches per plant but fewer flowers per flowering branch than plants of the cultivar Lawhi.

**BRIEF DESCRIPTION OF THE PHOTOGRAPHS**

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

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

The photograph on the second sheet comprises a close-up view of typical flowers of 'Balumwhitim'.

**DETAILED BOTANICAL DESCRIPTION**

The cultivar Balumwhitim has not been observed under all possible environmental conditions. The phenotype may vary somewhat with variations in environment such as temperature and light intensity without, however, any variance in genotype.

The aforementioned photographs and following observations and measurements describe plants grown in West Chicago, Ill., under commercial practice in a polycarbonate-covered greenhouse with day temperatures ranging from 18 to 24° C., night temperatures ranging from 10 to 13° C. and light levels ranging from 4,000 to 7,000 footcandles. Rooted young plants were planted in 10-cm containers and had been growing for about 15 weeks when the photographs and the 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: *Antirrhinum majus* cultivar Balumwhitim.

Parentage:

*Female parent.*—Proprietary selection of *Antirrhinum majus* identified as code number 576-1, not patented.

*Male parent.*—*Antirrhinum majus* cultivar Layel, disclosed in U.S. Plant Pat. No. 9,985.

Propagation:

*Type.*—Cuttings.

*Time to initiate roots.*—About 7 days at 18° C.

*Time to produce a rooted cutting.*—About 21 days at 18° C.

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

Plant description:

*General appearance.*—Upright, outwardly spreading and mounded plant habit; moderately vigorous to vigorous. Freely branching growth habit, about 14 flowering stems develop per plant.

*Plant height.*—About 16.4 cm.

*Plant diameter or spread.*—About 32.4 cm.

*Flowering stem (peduncle) length.*—About 21.8 cm.

*Flowering stem diameter.*—About 3 mm.

*Flowering stem internode length.*—About 1.6 cm.

*Flowering stem texture.*—Pubescent.

*Flowering stem color.*—143C.

*Foliage description.*—Arrangement: Opposite, simple.

Leaves per flowering stem: About 13. Length: About 2.8 cm. Width: About 1 cm. Shape: Elliptic. Apex: Acute. Base: Attenuate. Margin: Entire. Texture, upper and lower surfaces: Densely pubescent. Venation pattern: Pinnate. Color: Upper surface: 137A; venation, 144B. Lower surface: More yellow than 137C; venation, 144B. Petiole: Length: About 5 mm. Diameter: About 1 mm. Texture, upper and lower surfaces: Densely pubescent. Color, upper and lower surfaces: 144B.

Flower description:

*Flower type and flowering habit.*—Single bi-labiate flowers arranged on terminal racemes; flowers opposite. Usually about four open flowers per raceme.

Flowers face outwardly. Flowers self-cleaning. Flowers not fragrant.

*Flower longevity.*—Flowers last about one week on the plant.

*Natural flowering season.*—Flowering is continuous from spring through autumn in West Chicago, Ill.

*Flower diameter.*—About 3.4 cm by 2 cm.

*Flower tube length.*—About 2.6 cm.

*Flower buds.*—Length: About 2.3 cm. Diameter: About 1.1 cm. Shape: Obovate. Color: 154D.

*Corolla.*—Shape: Broadly tubular. Lobe apices: Rounded. Lobe margin: Entire. Texture, upper and lower surfaces of lobes: Smooth, glabrous. Texture, throat: Pubescent. Lobe color: Upper and lower lips, upper surface: 155C. Upper and lower lips, lower surface: 155C. Palate: 4A. Throat: 155C. Tube: 155C.

*Sepals.*—Quantity/arrangement: Five per flower; fused at base. Length: About 8 mm. Width: About 3 mm. Shape: Ovate. Apex: Acute. Margin: Entire. Texture, upper and lower surfaces: Densely pubescent. Color, upper and lower surfaces: 145A.

*Pedicels.*—Length: About 1.1 cm. Diameter: About 1 mm. Strength: Strong; flexible. Angle: Acute. Texture: Densely pubescent. Color: 144B.

*Reproductive organs.*—Androecium: Stamen quantity: Four per flower. Stamen length: About 1.4 cm. Stamen color: 155C. Anther length: About 2 mm. Anther color: 13A. Pollen color: 13B. Gynoecium: Pistil quantity: One per flower. Pistil length: About 1.6 cm. Style length: About 1.2 cm. Style color: 145D. Stigma color: 145B. Ovary length: About 3 mm. Ovary texture: Densely pubescent. Ovary color: 145B.

*Seeds/fruits.*—Seed and fruit development has not been observed.

Disease/pest resistance: Plants of the new *Antirrhinum* have not been observed to be resistant to pathogens and pests common to *Antirrhinum*.

It is claimed:

1. A new and distinct cultivar of *Antirrhinum* plant named 'Balumwhitim', as illustrated and described.

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