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

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(54) **LANTANA PLANT NAMED ‘BALOOMINKIM’**

(50) Latin Name: *Lantana camara*
Varietal Denomination: **Baloominkim**

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A01H 6/86 (2018.01)

(52) **U.S. Cl.**
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See application file for complete search history.

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(57) **ABSTRACT**

A new and distinct cultivar of *Lantana* plant named
‘Baloominkim’, characterized by its bright yellow and
medium reddish-purple colored inflorescences, dark green-
colored foliage, and moderately vigorous, upright, mounded
to rounded growth habit, is disclosed.

1 Drawing Sheet

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Latin name of genus and species of plant claimed: *Lan-
tana camara*.
Variety denomination: ‘Baloominkim’.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar
of *Lantana* plant botanically known as *Lantana camara* and
hereinafter referred to by the cultivar name ‘Baloominkim’.

The new cultivar originated in a controlled breeding
program in Guadalupe, Calif. during June 2017. The objec-
tive of the breeding program was the development of
Lantana cultivars having sterile flowers, attractive flower
coloration, dark green foliage, and a moderately vigorous,
upright, mounded to rounded growth habit.

The new *Lantana* cultivar is the result of cross-pollina-
tion. The female (seed) parent of the new cultivar is the
proprietary *Lantana camara* breeding selection coded 4047-
A, not patented, characterized by its medium yellow and
pink colored inflorescences, dark green-colored foliage, and
moderately vigorous, mounded growth habit. The male
(pollen) parent of the new cultivar is BANDANA Peach
‘LANZ0002’, U.S. Plant Pat. No. 23,317, characterized by
its yellow, orange, and light red multicolored inflorescences,
medium green-colored foliage, and moderately vigorous,
relatively compact and mounding growth habit. The new
cultivar was selected as a single flowering plant within the
progeny of the above stated cross-pollination during April
2018 in a controlled environment in Guadalupe, Calif.

Asexual reproduction of the new cultivar by terminal stem
cuttings since April 2018 in Guadalupe, Calif. and Arroyo
Grande, Calif. has demonstrated that the new cultivar repro-
duces true to type with all of the characteristics, as herein
described, firmly fixed and retained through successive
generations of such asexual propagation.

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SUMMARY OF THE INVENTION

The following characteristics of the new cultivar have
been repeatedly observed and can be used to distinguish
‘Baloominkim’ as a new and distinct cultivar of *Lantana*
plant:

1. Bright yellow and medium reddish-purple colored
inflorescences;
2. Dark green-colored foliage; and
3. Moderately vigorous, upright, mounded to rounded
growth habit.

Plants of the new cultivar differ from plants of the female
parent primarily in having more branches per plant and more
inflorescences per plant. Plants of the new cultivar differ
from plants of the male parent primarily in having reddish-
purple in the inflorescence color unlike the red in the
inflorescence color of the male parent.

Of the many commercially available *Lantana* cultivars,
the most similar in comparison to the new cultivar is
Bloomify Pink ‘Baloomink’, U.S. Plant Pat. No. 33,389.
However, in side-by-side comparisons, plants of the new
cultivar differ from plants of ‘Baloomink’ in at least the
following characteristics:

1. Plants of the new cultivar have an inflorescence color
that is overall slightly darker reddish-purple colored
than plants of ‘Baloomink’;
2. Plants of the new cultivar have reddish-orange colored
flower buds different from the yellowish-pink colored
flower buds of plants of ‘Baloomink’; and
3. Plants of the new cultivar have slightly larger inflore-
scences than plants of ‘Baloomink’.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

The accompanying photographs show, as nearly true as it
is reasonably possible to make the same in color illustrations
of this type, typical flower and foliage characteristics of the

new cultivar. Colors in the photographs may differ slightly from the color values cited in the detailed description, which accurately describes the colors of 'Baloominkim'. The plants were approximately 5-months old. The plants were grown in 3-gallon containers for approximately 11 weeks in an outdoor nursery in West Chicago, Ill. Plants were given three pinches prior to transplant and one application of Daminozide at 2500 ppm after the first pinch.

FIG. 1 illustrates a side view of the overall growth and flowering habit of 'Baloominkim'.

FIG. 2 illustrates a close-up view of an individual inflorescence of 'Baloominkim'.

DETAILED BOTANICAL DESCRIPTION

The new cultivar has not been observed under all possible environmental conditions to date. Accordingly, it is possible that the phenotype may vary somewhat with variations in the environment, such as temperature, light intensity, and day length, without, however, any variance in genotype.

The chart used in the identification of colors described herein is The R.H.S. Colour Chart of The Royal Horticultural Society, London, England, 2015 edition, except where general color terms of ordinary significance are used. The color values were determined in August 2022 under natural light conditions in Naperville, Ill.

The following descriptions and measurements describe approximately 5-month-old plants produced from cuttings from stock plants and grown under conditions comparable to those used in commercial practice. The plants were grown in 3-gallon containers for approximately 11 weeks in an outdoor nursery in West Chicago, Ill. Plants were given three pinches prior to transplant and one application of Daminozide at 2500 ppm after the first pinch. Prior to transplant plants were grown in a polycarbonate greenhouse in West Chicago, Ill. Greenhouse temperatures were maintained at approximately 75° F. to 80° F. (24° C. to 27° C.) during the day and approximately 65° F. to 70° F. (18° C. to 21° C.) during the night. Supplemental lighting was used for first four weeks after sticking. Measurements and numerical values represent averages of typical plants.

Botanical classification: *Lantana camara* 'Baloominkim'.
Parentage:

Female parent.—Proprietary *Lantana camara* breeding selection coded 4047-A, not patented.

Male parent.—BANDANA Peach 'LANZ0002', U.S. Plant Pat. No. 23,317.

Propagation:

Type cutting.—Terminal stem.

Time to initiate roots.—Approximately 7 to 11 days.

Time to produce a rooted cutting.—Approximately 24 to 35 days.

Root description.—Fibrous.

Rooting habit.—Freely branching.

Plant description:

Commercial crop time.—Approximately 7 to 8 weeks from a rooted cutting to finish in a 10 cm container.

Growth habit and general appearance.—Moderately vigorous, upright, mounded to rounded.

Size.—Height from soil level to top of plant plane: Approximately 35.0 cm. Width: Approximately 66.0 cm.

Branching habit.—Freely branching, pinching enhances branching. Quantity of branches per plant: Approximately 6 basal branches with 8 main lateral branches.

Lateral branch.—Shape: Square in cross section. Strength: Strong, becomes woody with age. Length: Approximately 37.0 cm. Diameter: Approximately 5.0 mm. Length of central internode: Approximately 4.5 cm. Texture: Densely pubescent with a mixture of glandular and nonglandular hairs. Gland color: Colorless, transparent. Color of young stem: 146B to 146C. Color of mature stem: 146B, becomes woody 199A to 199B with age.

Foliage description:

General description.—Quantity of leaves per lateral branch: Approximately 18. Fragrance: Strong, spicy. Form: Simple. Arrangement: Opposite.

Leaves.—Aspect: Perpendicular to obtuse angle to stem. Shape: Ovate. Margin: Serrate. Apex: Acute. Base: Obtuse. Venation pattern: Pinnate. Length of mature leaf: Approximately 5.5 cm. Width of mature leaf: Approximately 3.1 cm. Texture of upper surface: Moderately scabrous. Texture of lower surface: Densely pubescent with a mixture of scabrous and glandular hairs. Gland color: Colorless, transparent. Color of upper surface of young foliage: Closest to 137A with NN137A and venation of 146B to indistinguishable. Color of lower surface of young and mature foliage: Closest to 147B with venation of 146C. Color of upper surface of mature foliage: Closest to NN137A with venation of 146B to indistinguishable.

Petiole.—Length: Approximately 1.5 cm. Diameter: Approximately 2.0 mm. Texture: Moderately pubescent with a mixture of scabrous and glandular hairs. Gland color: Colorless, transparent. Color: 146B.

Flowering description:

Flowering habit.—'Baloominkim' is freely flowering under outdoor growing conditions with substantially continuous blooming from spring through autumn and year-round in greenhouse environment.

Lastingness of individual inflorescence on the plant.—Approximately 2 to 3 weeks.

Inflorescence description:

General description.—Type: Hemispherical head, axillary or terminal. Quantity per plant: Approximately 46. Fragrance: Strong, spicy. Aspect: Primarily facing upward or outward. Height: Approximately 2.5 cm. Width: Approximately 4.5 cm. Quantity of fully open flowers per inflorescence: Approximately 30.

Peduncle.—Strength: Strong. Shape: Square in cross section. Aspect: Acute angle to stem. Length: Approximately 3.0 cm to 5.5 cm. Diameter: Approximately 2.0 mm. Texture: Densely pubescent with a mixture of glandular and nonglandular hairs. Gland color: Colorless, transparent. Color: 146B.

Flower description:

General description.—Type: Salverform.

Bud.—Rate of opening: Generally takes 1 to 2 days for bud to progress from first color to fully open flower. Buds open in progression from the margin to the center of the inflorescence. Quantity of unopened inflorescences per plant: Approximately 18.

Bud just before opening.—Shape: Elongated, rectangular at apex. Length: Approximately 1.0 cm. Diameter: Approximately 3.0 mm. Color: N34C.

Corolla.—Depth: Approximately 2.0 cm. Diameter: Approximately 1.0 cm.

Petals.—Quantity: 4, non-imbricate, non-symmetrical petals. Petals are fused at base forming a corolla tube. Shape: Obovate. Appearance: Matte. Aspect: Flat to cupped. Margin: Entire, ruffled. Apex: Obtuse. Length of upper petal from throat: Approximately 4.0 mm. Width of upper petal: Approximately 8.0 mm. Length of lateral petals from throat: Approximately 4.0 mm. Width of lateral petals: Approximately 4.0 mm. Length of lower petal from throat: Approximately 6.0 mm. Width of lower petal: Approximately 8.0 mm. Texture of upper surface: Glabrous. Texture of lower surface: Densely pubescent. Color of upper surface when first open: 5D with center of 5A. Color of lower surface when first open: 4D tinted with NN74D. Color of upper surface when fully open: Transitions through NN74D, with center lightly tinted with N34C, to NN74C with center of NN74A, fades to NN74D with age. Color of lower surface when fully open: NN74D.

Corolla tube.—Length: Approximately 1.5 cm. Diameter at tube opening: Approximately 1.0 mm. Diameter at base: Approximately 1.0 mm. Texture of inner surface: Sparsely pubescent. Texture of outer surface: Densely pubescent at tube opening transitioning to glabrous at base. Color of pubescence NN74A. Color of inner surface: NN155D with an underlay of N34C and base of 155C. Color of outer surface: N34C and NN74B, transitioning with age to N34C, with base of 145D.

Calyx.—Shape: Tubular with two broadly acute tips. Length: Approximately 3.0 mm. Diameter: Approximately 2.0 mm. Texture of inner surface: Glabrous. Texture of outer surface: Densely pubescent. Color of inner and outer surfaces: 145D.

Bracts.—Quantity per flower: 1 per flower. Shape: Lanceolate. Length: Approximately 9.0 mm. Width: Approximately 1.0 mm. Texture of upper surface: Sparsely pubescent. Texture of lower surface: Densely pubescent. Color of upper surface: 146D with tip of 146A. Color of lower surface: 146D.

Reproductive organs.—Androecium: Stamen quantity: 4, adnate to corolla tube. Stamen length: Approximately 2.0 mm. Anther shape: Bilobed, ovoid. Anther length: Approximately 1.0 mm. Anther color: 12B. Pollen amount: None observed. Gynoecium: Pistil quantity: 1 per flower. Pistil length: Approximately 5.0 mm. Stigma shape: Misshapen funnel. Stigma length: Less than 1.0 mm. Stigma color: 144A. Style length: Approximately 4.0 mm. Style color: 155D, translucent. Ovary diameter: Approximately 1.0 mm. Ovary color: 144C.

Seed and fruit production: Neither seed nor fruit production has been observed.

Disease and pest resistance: Resistance to pathogens and pests common to *Lantana* has not been observed.

What is claimed is:

1. A new and distinct cultivar of *Lantana* plant named 'Baloominkim', substantially as herein illustrated and described.

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FIG. 1

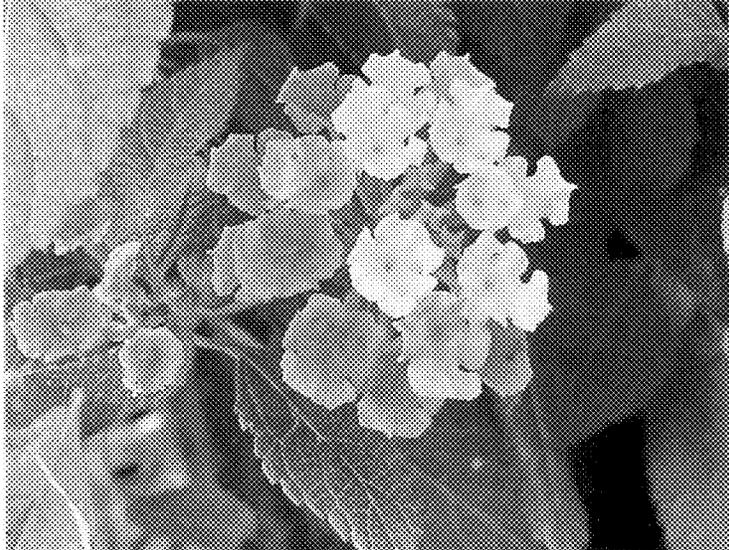


FIG. 2