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

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

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

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(52) **U.S. Cl.**
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(58) **Field of Classification Search**
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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
‘Balshamred’, characterized by its deep yellow-orange and
medium red-colored inflorescences, dark green-colored foliage,
and moderately vigorous, mounded growth habit, is
disclosed.

1 Drawing Sheet

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Latin name of genus and species of plant claimed: *Lantana camara*.
Variety denomination: ‘Balshamred’.

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 ‘Balshamred’.

The new cultivar originated in a controlled breeding
program in Guadalupe, Calif. during June 2019. The objective
of the breeding program was the development of
Lantana cultivars having a moderately vigorous, mounded
growth habit suitable for use in basket and container plantings.

The new *Lantana* cultivar is the result of cross-pollination.
The female (seed) parent of the new cultivar is the proprietary
Lantana camara breeding selection coded LAN-00197, not patented,
characterized by its deep yellow-orange and medium red colored
inflorescences, dark green-colored foliage, low growth vigor,
and compact-mounded growth habit. The male (pollen) parent
of the new cultivar is the proprietary *Lantana camara* breeding
selection coded 26646, not patented, characterized by its deep
yellow-orange and medium red colored inflorescences, dark
green-colored foliage, and moderately vigorous, mounded
growth habit. The new cultivar was selected as a single
flowering plant within the progeny of the above stated
cross-pollination during April 2020 in a controlled environment
in Guadalupe, Calif.

Asexual reproduction of the new cultivar by terminal stem
cuttings since April 2020 in Guadalupe, Calif. and Arroyo
Grande, Calif. has demonstrated that the new cultivar
reproduces true to type with all of the characteristics,
as herein described, firmly fixed and retained through
successive generations of such asexual propagation.

SUMMARY OF THE INVENTION

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

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1. Deep yellow-orange and medium red-colored inflorescences;
2. Dark green-colored foliage; and
3. Moderately vigorous, mounded growth habit.

5 Plants of the new cultivar differ from plants of the female
parent primarily in having increased growth vigor, more
branches per plant and more inflorescences per plant. Plants
of the new cultivar differ from plants of the male parent
10 primarily in having more branches per plant and more
inflorescences per plant.

Of the many commercially available *Lantana* cultivars,
the most similar in comparison to the new cultivar is
BANDANA Red ‘Bant Reda09’, U.S. Plant Pat. No. 20,531.
15 However, in side-by-side comparisons, plants of the new
cultivar differ from plants of ‘Bant Reda09’ in at least the
following characteristics:

1. Plants of the new cultivar have a smaller diameter
inflorescence than plants of ‘Bant Reda09’; and
2. Plants of the new cultivar have a darker shade of
red-colored inflorescences than plants of ‘Bant
Reda09’.

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 ‘Balshamred’. The plants
were approximately 5-months old. The plants were grown in
twelve inch hanging baskets 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 ‘Balshamred’.

FIG. 2 illustrates a close-up view of the inflorescences of ‘Balshamred’.

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 twelve inch hanging baskets 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* ‘Balshamred’.

Parentage:

Female parent.—Proprietary *Lantana camara* breeding selection coded LAN-00197, not patented.

Male parent.—Proprietary *Lantana camara* breeding selection coded 26646, not patented.

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 6 to 7 weeks from a rooted cutting to finish in a 10 cm container.

Growth habit and general appearance.—Moderately vigorous, mounded.

Size.—Height from soil level to top of plant plane: Approximately 42.0 cm. Width: Approximately 75.0 cm.

Branching habit.—Freely branching, pinching enhances branching. Quantity of lateral branches per plant: Approximately 4 basal branches with 12 main lateral branches.

Branch.—Shape: Square in cross section. Strength: Strong, becomes woody with age. Length: Approximately 38.0 cm. Diameter: Approximately 4.0 mm. Length of central internode: Approximately 3.7 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 becoming 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 3.2 cm. Texture of upper surface: Scabrous. Texture of lower surface: Scabrous and glandular pubescent along venation. 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 1.2 cm. Diameter: Approximately 2.0 mm. Texture: Scabrous and glandular pubescent. Gland color: Colorless, transparent. Color: 146B.

Flowering description:

Flowering habit.—‘Balshamred’ 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 75. Fragrance: Strong, spicy. Aspect: Facing upward or outward. Height: Approximately 2.2 cm. Width: Approximately 4.0 cm. Quantity of fully open flowers per inflorescence: Approximately 34.

Peduncle.—Strength: Strong. Shape: Square in cross section. Aspect: Acute angle to stem. Length: Approximately 4.5 cm. Diameter: Approximately 2.0 mm. Texture: Scabrous and glandular pubescent. 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 28.

Bud just before opening.—Shape: Elongated, rectangular at apex. Length: Approximately 1.0 cm. Diameter: Approximately 3.0 mm. Color: 13A and N34A.

Corolla.—Depth: Approximately 1.8 cm. Diameter: Approximately 1.1 cm.

Petals.—Quantity: 4, non-imbricate, non-symmetrical petals. Petals are fused at base forming a corolla tube. Shape: Obovate. Appearance: Dull. Aspect: Flat to cupped. Margin: Entire, ruffled. Apex: Obtuse. Length of upper petal from throat: Approximately 4.0 mm. Width of upper petal: Approximately 7.0 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 pubes-

cent. Color of upper surface when first open: 17A tinted with N25A. Color of lower surface when first open: 17D tinted with N34A. Color of upper surface when fully open: Transitions through N25A to N34A, fades to 34A with age. Color of lower surface when fully open: 15D with N34A to N34B. 5

Corolla tube.—Length: Approximately 1.2 cm. Diameter at tube opening: Approximately 1.0 mm. Diameter at base: Approximately 1.0 mm. Texture of inner surface: Densely pubescent. Texture of outer surface: Densely pubescent with a mixture of glandular and nonglandular hairs at tube opening transitioning to glabrous at base. Pubescence color: Colorless and N34A. Color of inner surface: Closest to 15C. Color of outer surface: 154D with an overlay of N34A. 15

Calyx.—Shape: Tubular with two broadly acute tips. Length: Approximately 3.0 mm. Diameter at tip: Approximately 2.0 mm. Diameter at base: Approximately 1.5 mm. Texture of inner surface: Glabrous. Texture of outer surface: Densely pubescent with a mixture of glandular and nonglandular hairs. Gland color: Colorless, transparent. Color of inner and outer surfaces: 145D. 20

Bracts.—Quantity per flower: 1 per flower. Shape: Lanceolate. Length: Approximately 7.0 mm. Width: 25
Approximately 2.0 mm. Texture of upper surface:

Sparsely pubescent. Texture of lower surface: Densely pubescent. Color of upper surface: 137A with 145A at base. Color of lower surface: 137B with 145A at base.

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: 13B. Pollen amount: Pollen amount: Sparse. Pollen color: 8D. Gynoecium: Pistil quantity: 1 per flower. Pistil length: Approximately 4.0 mm. Stigma shape: Funnel. Stigma length: Less than 1.0 mm. Stigma color: 144B, translucent. Style length: Approximately 3.0 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 'Balshamred', substantially as herein illustrated and described.

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FIG. 1



FIG. 2