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(12) **United States Plant Patent**
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(54) **LANтана PLANT NAMED ‘LANZ0042’**

(50) Latin Name: *Lantana camara* L.
Varietal Denomination: **LANZ0042**

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See application file for complete search history.

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(57) **ABSTRACT**

A new *Lantana* plant named ‘LANZ0042’ having medium size white mature flowers, excellent flower production, vigorous plant growth and uniform dense rounded to semi-upright habit with medium sized dark green semi-glossy foliage and having very low seed set.

1 Drawing Sheet

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Latin name of the genus and species of the plant claimed: *Lantana camara* L.
Varietal denomination: ‘LANZ0042’.

BACKGROUND OF THE NEW PLANT

The present invention comprises a new *Lantana*, botanically known as *Lantana camara* L., and hereinafter referred to by the variety name ‘LANZ0042’.

‘LANZ0042’ is the product of a planned breeding program in Gilroy, Calif. The new cultivar ‘LANZ0042’ has medium size white mature flowers, excellent flower production, vigorous plant growth and uniform dense rounded habit with medium sized dark green semi-glossy foliage.

The new *Lantana* cultivar, ‘LANZ0042’, is the result of an open hybridization made in an outdoor field in Gilroy, Calif. in summer of 2016. The female parent of the new cultivar is ‘Havana Full Moon’, U.S. Plant Pat. No. 29,445, characterized by its white inflorescences, medium green foliage, moderate seed set, and moderately spreading growth habit. ‘LANZ0042’ differs from ‘Havana Full Moon’ in having a rounded to semi-upright growth habit, dark green foliage, and very low seed set. The male parent of the new cultivar is not known.

The seed was sown in August 2017 in a controlled greenhouse environment in Gilroy, Calif., and ‘LANZ0042’ was selected as one flowering plant within the progeny of the stated cross in November 2017.

The first act of asexual reproduction of ‘LANZ0042’ was accomplished when vegetative stem cuttings were propagated from the initial selection in February 2018, in Gilroy, Calif.

BRIEF SUMMARY OF INVENTION

Horticultural examination of plants grown from cuttings of the plant initiated in February 2018, in Gilroy, Calif., and

continuing thereafter, has demonstrated that the combination of characteristics as herein disclosed for ‘LANZ0042’ are firmly fixed and are retained through successive generations of asexual reproduction.

‘LANZ0042’ has not been observed under all possible environmental conditions. The phenotype may vary significantly with variations in environment such as temperature, light intensity, and day length.

A Plant Breeder’s Rights for this cultivar was applied for in the European Union on Jul. 21, 2022, No. 2022/1758. ‘LANZ0042’ has not been made publicly available prior to the effective filing date of this application, notwithstanding any disclosure that may have been made less than one year prior to the effective filing date of this application by the inventor or another who obtained ‘LANZ0042’ directly from the inventor.

The following traits have been repeatedly observed and are determined to be basic characteristics of the new variety. The combination of these characteristics distinguishes this *Lantana* as a new and distinct variety.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

The accompanying photographic drawings show typical flower and foliage characteristics of ‘LANZ0042’ with colors being as true as possible with an illustration of this type. The photographic drawings show in FIG. 1 a close view of inflorescences taken in Vero Beach, Fla. in August 2021, and in FIG. 2 a whole flowering plant taken in Monroeville, N.J. in October 2021.

DETAILED BOTANICAL DESCRIPTION

The plant descriptions and measurements were taken in Gilroy, Calif. in July 2022. The plants were approximately 4 months old and were growing in 14 inch pots, three plants per pot, in a greenhouse.

Color references are made to The Royal Horticultural Society Colour Chart (R.H.S.) 2001.

TABLE 1

DIFFERENCES BETWEEN THE NEW VARIETY 'LANZ0042' AND A MOST SIMILAR VARIETY		
	'LANZ0042'	'Ban White', U.S. Plant Pat. No. 21,590
Flower color:	More white/smaller yellow throat	Not as white/larger yellow throat
Umbel size:	Medium	Larger
Foliage color:	Darker green	Lighter green

Plant:

Form, growth and habit.—Semi-woody, grown as an annual or perennial; vigorous rounded to semi-upright semi-upright habit; very well branched.

Plant height.—19 cm.

Plant height (inflorescence included).—21 cm.

Plant width.—44 cm.

Foliage:

Type.—Opposite.

Immature, leaf color, upper surface.—Closest to RHS 137A.

Lower surface.—Closest to RHS 137C.

Mature, leaf color, upper surface.—RHS 139A.

Lower surface.—Closest to RHS 137B.

Length.—5.1-5.8 cm.

Width.—3.0-3.9 cm.

Shape.—Ovate.

Base shape.—Rounded.

Apex shape.—Acute.

Margin.—Serrate.

Texture, upper surface.—Hairy.

Texture, lower surface.—Hairy.

Pattern of veining.—Pinnate.

Petioles color.—RHS 138A.

Petioles length.—1.1-1.8 cm.

Diameter of petiole.—0.15 cm.

Texture (upper and lower surface).—Very short hairs.

Stem:

Color of stem.—RHS 138B.

Length of stem.—12.0-13.5 cm.

Diameter.—0.3 cm.

Length of internodes.—1.4-4.2 cm.

Texture.—Some hairs.

Inflorescence:

Type.—Umbel like, flattened semi-sphere the florets are sessile on an ovate receptacle.

Blooming habit.—Flowers continuously from spring through fall.

Number of open flowers per inflorescence.—About 42.

Quantity of inflorescences per plant.—About 25.

Lastingness of individual blooms on the plant.—About 3 weeks (depending on temperatures).

Fragrance.—Slightly spicy.

Umbel horizontal diameter.—4.2 cm.

Umbel vertical height.—2.5 cm.

Peduncle color.—RHS 138A.

Length of peduncle.—4.3-6.7 cm.

Peduncle diameter.—0.15 cm.

Texture.—Some hairs.

Flower:

Floret form.—Corolla salver-shaped to shallow cup-shaped, with a relatively long tube at the base; each flower subtended by a single bract.

Length of floret.—1.8 cm.

Width of floret.—0.9 cm.

Depth of floret.—1.0 cm.

Young floret, color upper surface.—RHS 155D with RHS 3B throat.

Young floret, color lower surface.—RHS 155D.

Mid age floret, color upper surface.—RHS 155D.

Mid age floret, color lower surface.—RHS 155D.

Mature florets, color upper surface.—RHS 155D.

Mature floret, color lower surface.—RHS 155D.

Apex shape.—Obtuse.

Degree of lobation.—Moderate.

Margin.—Entire.

Base.—Fused.

Texture, upper surface.—Smooth.

Lower surface.—Smooth.

Tube, color outer surface.—RHS 155D.

Tube, color inner surface.—RHS 155D.

Tube, length.—1.2 cm.

Tube, diameter (at opening).—0.15 cm.

Tube, texture outer surface.—Smooth.

Inner surface.—Very small hairs.

Bud (just before opening):

Color.—RHS 155A.

Length.—1.0 cm.

Width.—0.35 cm at the apex.

Shape.—Tubular with a flared apex.

Bract:

Color.—Closest to RHS 137A.

Length.—0.9 cm.

Diameter.—0.15 cm.

Texture, upper surface.—Small hairs.

Lower surface.—Small hairs.

Calyx:

Number of sepals.—5, fused sepals forming a short tube around the base of the floret.

Color of sepals.—RHS 145A.

Length of sepals.—0.2 cm.

Width of sepals.—0.2 cm.

Apex shape.—Obtuse.

Apex margins.—Entire.

Texture, outer surface.—Small hairs.

Inner surface.—Smooth.

Reproductive organs:

Gynoecium:

Pistil quantity.—One.

Length.—0.45 cm.

Style color.—RHS 154D.

Style length.—0.25 cm.

Stigma color.—RHS 145A.

Ovary color.—RHS 144A.

Ovary length.—0.1 cm.

Ovary diameter.—0.1 cm.

Androecium:

Stamen quantity.—4.

Color of filaments.—RHS 159D.

Length filaments.—0.05 cm.

Anther color.—RHS 4C.

Length of anthers.—0.1 cm.

Color of pollen.—RHS 4D.

Pollen amount.—Scant.

Fertility/seed set.—Very low.

Disease/pest resistance.—Has not been determined to date.

What is claimed is:

1. A new and distinct variety of *Lantana* plant named 'LANZ0042' substantially as illustrated and described herein.

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FIG. 1



FIG. 2