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(12) **United States Plant Patent**
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(54) **LANтана PLANT NAMED ‘LANZ0047’**

(50) Latin Name: *Lantana camara* L.
Varietal Denomination: **LANZ0047**

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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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A01H 6/86 (2018.01)

(52) **U.S. Cl.**
USPC **Plt./227**
CPC *A01H 6/86* (2018.05)

(58) **Field of Classification Search**
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See application file for complete search history.

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(57) **ABSTRACT**

A new *Lantana* plant named ‘LANZ0047’ having medium size mature deep red flowers, excellent flower production, vigorous plant growth and uniform dense semi-spreading habit with medium sized dark green foliage and 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: ‘LANZ0047’.

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 ‘LANZ0047’.

‘LANZ0047’ is a product of a planned breeding program in Gilroy, Calif. The new cultivar ‘LANZ0047’ has medium size mature deep red flowers, excellent continuous flower production, vigorous plant growth and uniform dense semi-spreading habit with medium sized dark green foliage.

The new *Lantana* cultivar, ‘LANZ0047’, is the result of cross-pollination made in Gilroy, Calif. in August 2017. The female parent of the new cultivar is the commercially available *Lantana camara* ‘Little Lucky Red’, characterized by its red inflorescences, medium green-colored foliage and compact and spreading growth habit. ‘LANZ0047’ differs from ‘Little Lucky Red’ by having a larger plant size, larger flowers and umbels and larger foliage.

The male parent of the new cultivar is the proprietary *Lantana camara* breeding selection ‘H0039-1’, characterized by its scarlet red flowers, medium sized mounding growth habit and medium green foliage. ‘LANZ0047’ differs from ‘H0039-1’ by having a larger plant size, smaller flowers, and produces significantly less seeds.

The seed was sown in March 2018 in a controlled greenhouse environment in Gilroy, Calif., and ‘LANZ0047’ was selected as one flowering plant within the progeny of the stated cross in June 2018.

The first act of asexual reproduction of ‘LANZ0047’ was accomplished when vegetative cuttings were propagated from the initial selection in August 2018, in Gilroy, Calif.

BRIEF SUMMARY OF INVENTION

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

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continuing thereafter, has demonstrated that the combination of characteristics as herein disclosed for ‘LANZ0047’ are firmly fixed and are retained through successive generations of asexual reproduction.

‘LANZ0047’ 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 Right for this cultivar was applied for in the European Union on Jul. 27, 2022, No. 2022/1787. ‘LANZ0047’ 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 ‘LANZ0047’ 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 ‘LANZ0047’ with colors being as true as possible with an illustration of this type.

The photographic drawings show in FIG. 1 a close view of an inflorescence taken in Gilroy, Calif. in July 2020, and in

FIG. 2 a whole flowering plant of ‘LANZ0047’ taken in Gilroy, Calif. in July 2020.

DETAILED BOTANICAL DESCRIPTION

The plant descriptions and measurements were taken in Gilroy, Calif. in June 2022. The plants were approximately 3 months old and were growing in 14 inch pots, three plants per pot, in an outdoor field.

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

TABLE 1

DIFFERENCES BETWEEN THE NEW VARIETY 'LANZ0047' AND A MOST SIMILAR VARIETY		
	'LANZ0047'	'LANZ0013', U.S. Plant Pat. No. 29,373
Plant habit:	Larger plant size	Smaller plant size
Flower color:	Darker red	Lighter red
Seed set:	Very low seed set	Moderate seed set

Plant:

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

Plant height.—23 cm.

Plant height (inflorescence included).—26 cm.

Plant width.—37 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.—5.8-6.3 cm.

Width.—3.7-4.2 cm.

Shape.—Ovate.

Base shape.—Rounded to attenuate.

Apex shape.—Acute.

Margin.—Serrate.

Texture, upper.—Hairy.

Texture, lower surface.—Hairy.

Pattern of veining.—Pinnate.

Petiole color.—RHS 138B.

Petiole length.—1.2-2.2 cm.

Diameter of petiole.—0.15 cm.

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

Stem:

Color of stem.—RHS 138B.

Length of stem.—12.0-16.0 cm.

Diameter.—0.2-0.3 cm.

Length of internodes.—1.7-4.0 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 30.

Quantity of inflorescences per plant.—About 18.

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

Fragrance.—Slightly spicy.

Umbel horizontal diameter.—3.5-4.0 cm.

Umbel vertical height.—2.3 cm.

Peduncle color.—RHS 137D.

Length of peduncle.—2.9-3.4 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.—1.0 cm.

Width of floret.—0.9 cm.

Depth of floret.—1.6 cm.

Young floret, color upper surface.—RHS 13A with tones of RHS 46A.

Young floret, color lower surface.—RHS 5A and RHS 46A.

Mid age floret, color upper surface.—Closest to RHS 34A with tones of RHS 13A.

Mid age floret, color lower surface.—RHS 5A and RHS 46A.

Mature florets, color upper surface.—RHS 53A.

Mature floret, color lower surface.—RHS 185A with tones of RHS 159A.

Apex shape.—Mucronulate.

Degree of lobation.—Moderate.

Margin.—Entire.

Base.—Fused.

Texture, upper surface.—Smooth.

Lower surface.—Smooth.

Tube, color outer surface.—Closest to RHS 186A.

Tube, color inner surface.—Closest to RHS 167D.

Tube, length.—1.1 cm.

Tube, diameter (at opening).—0.15 cm.

Tube, texture outer surface.—Smooth.

Inner surface.—Very small hairs.

Bud (just before opening):

Color.—RHS 53A.

Length.—0.9 cm.

Width.—0.3 cm at the apex.

Shape.—Tubular with a flared apex.

Bract:

Color.—Closest to RHS 137B.

Length.—0.7-1.0 cm.

Diameter.—0.2 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 145B.

Length of sepals.—0.25 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 150D.

Style length.—0.3 cm.

Stigma color.—RHS 144B.

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 'LANZ0047' substantially as illustrated and described herein.

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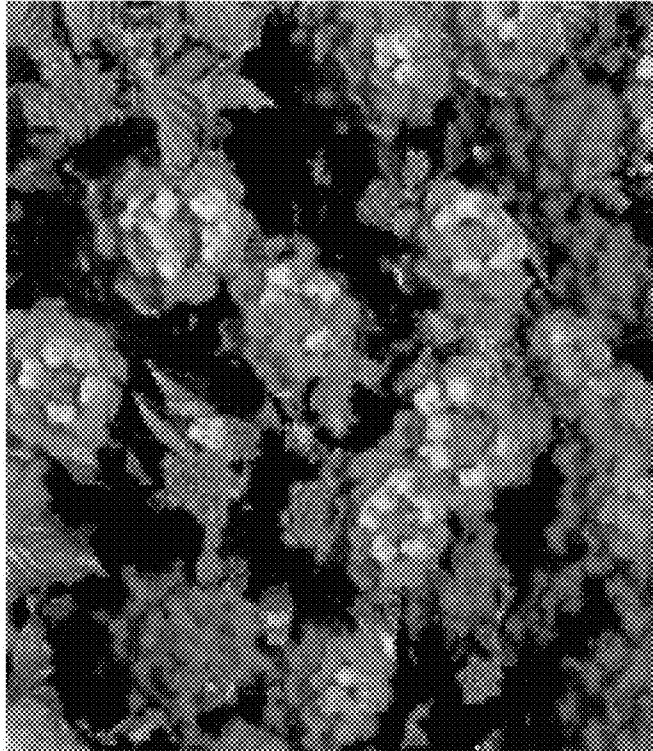


FIG. 1

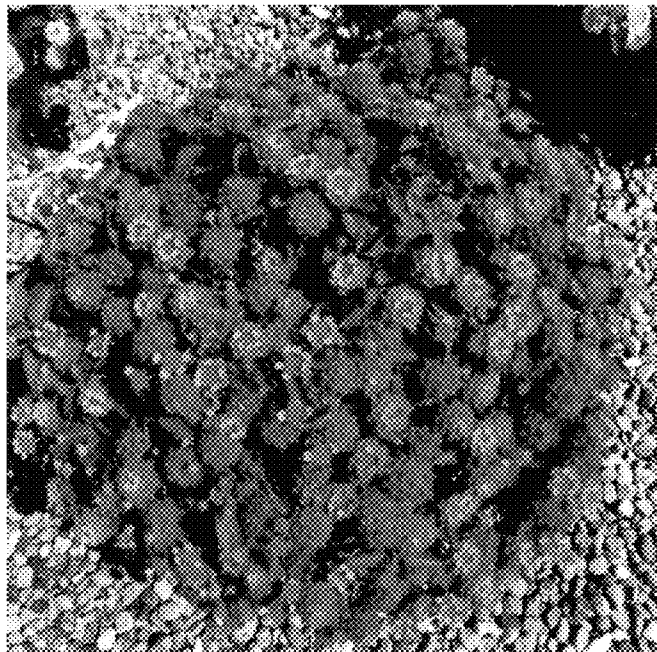


FIG. 2