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(12) **United States Plant Patent**
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(54) **LANTANA PLANT NAMED ‘LANZ0040’**

(50) Latin Name: *Lantana camara* L.
Varietal Denomination: **LANZ0040**

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patent is extended or adjusted under 35
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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 *Lantana* plant named ‘LANZ0040’ having medium
size yellow flowers, excellent flower production, vigorous
plant growth and uniform dense semi-spreading habit with
medium sized dark green foliage and very little 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: ‘LANZ0040’.

BACKGROUND OF THE NEW PLANT

The present invention comprises a new *Lantana*, botani-
cally known as *Lantana camara* L., and hereinafter referred
to by the variety name ‘LANZ0040’.

‘LANZ0040’ is a product of a planned breeding program
in Gilroy, Calif. The new cultivar ‘LANZ0040’ has medium
size yellow flowers, excellent flower production, vigorous
plant growth and uniform dense semi-spreading habit with
medium sized dark green foliage.

The new *Lantana* cultivar, ‘LANZ0040’, is the result of
cross-pollination made in August 2016 in Gilroy, Calif. The
female parent of the new cultivar is the proprietary *Lantana*
camara breeding selection ‘H0030-1’, not patented, charac-
terized by its orange inflorescences, medium green-colored
foliage and vigorous spreading growth habit. The male
parent of the new cultivar is ‘LANZ0032’, U.S. Plant Pat.
No. 32,225, characterized by its yellow flowers, compact
mounding growth habit and medium green foliage.

The seed was sown in December 2016 in a controlled
greenhouse environment in Gilroy, Calif., and ‘LANZ0040’
was selected as one flowering plant within the progeny of the
stated cross in April 2017.

The first act of asexual reproduction of ‘LANZ0040’ was
accomplished when vegetative cuttings were propagated
from the initial selection in July 2017 in Gilroy, Calif.

BRIEF SUMMARY OF INVENTION

Horticultural examination of plants grown from cuttings
of the plant initiated in July, 2017, in Gilroy, Calif., and
continuing thereafter, has demonstrated that the combination
of characteristics as herein disclosed for ‘LANZ0040’ are
firmly fixed and are retained through successive generations
of asexual reproduction.

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‘LANZ0040’ has not been observed under all possible
environmental conditions. The phenotype may vary signifi-
cantly with variations in environment such as temperature,
light intensity, and day length.

A Plant Breeder’s Right for this cultivar has not yet been
applied for. ‘LANZ0040’ has not been made publicly avail-
able 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
‘LANZ0040’ 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, taken in Sep-
tember 2020, show typical flower and foliage characteristics
of ‘LANZ0040’ 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, and in FIG. 2 a
whole flowering plant.

DETAILED BOTANICAL DESCRIPTION

The plant descriptions and measurements were taken in
Gilroy, Calif. in April 2021. 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 'LANZ0040' AND A MOST SIMILAR VARIETY		
	'LANZ0040'	'Chapel Hill Gold', U.S. Plant Pat. No. 21,539
Branching:	Heavily	Moderate
Umbel size:	Medium	Smaller
Plant size:	Smaller and semi-upright	Larger and spreading
Foliage size	Larger	Smaller

Plant:

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

Plant height.—16 cm.

Plant height (inflorescence included).—18 cm.

Plant width.—37 cm.

Foliage:

Type.—Opposite.

Immature, leaf color, upper surface.—Closest to RHS137A.

Lower surface.—Closest to RHS 137C.

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

Lower surface.—Closest to RHS 137B.

Length.—5.4-7.5 cm.

Width.—3.0-5.3 cm.

Shape.—Ovate.

Base shape.—Rounded to obtuse.

Apex shape.—Acute.

Margin.—Serrate.

Texture, upper.—Hairy.

Texture, lower surface.—Hairy.

Pattern of veining.—Pinnate.

Petioles color.—RHS 138B.

Petioles length.—1.7-2.9 cm.

Diameter of petiole.—0.2 cm.

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

Stem:

Color of stem.—RHS 146B.

Length of stem.—8.0-12.0 cm.

Diameter.—0.2-0.3 cm.

Length of internodes.—1.0-3.5 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 33-35.

Quantity of inflorescences per plant.—About 32.

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

Fragrance.—Slightly spicy.

Umbel horizontal diameter.—3.8-4.2 cm.

Umbel vertical height.—2.3 cm.

Peduncle color.—RHS 146C.

Length of peduncle.—2.8-3.8 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.

12 Length of floret.—1.8 cm.

Width of floret.—1.1 cm.

Depth of floret.—0.3 cm.

Young floret, color upper surface.—RHS 12A.

Young floret, color lower surface.—RHS 11A.

Mid age floret, color upper surface.—RHS 9A.

Mid age floret, color lower surface.—RHS 11A.

Mature florets, color upper surface.—RHS 8A.

Mature floret, color lower surface.—RHS 11A.

Apex shape.—Obtuse.

Degree of lobation.—Moderate.

Margin.—Entire.

Base.—Fused.

Texture, upper surface.—Smooth.

Lower surface.—Smooth.

Tube, color outer surface.—Closest to RHS 12C.

Tube, color inner surface.—Closest to RHS 12C.

Tube, length.—1.2 cm.

Tube, diameter (at opening).—0.1 cm.

Tube, texture outer surface.—Smooth.

Inner surface.—Very small hairs.

Bud (just before opening):

Color.—RHS 8C.

Length.—1.3 cm.

Width.—0.45 cm at the apex.

Shape.—Tubular with a flared apex.

Bract:

Color.—Closest to RHS 138B.

Length.—0.7-0.8 cm.

Diameter.—0.15-0.25 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.—0.15 cm.

Width of sepals.—0.15 cm.

Apex shape.—Obtuse.

Apex margins.—Entire.

Texture, outer surface.—Small hairs.

Inner surface.—Smooth.

45 Reproductive organs:

Gynoecium:

Pistil quantity.—One.

Length.—0.45 cm.

Style color.—RHS 150D.

Style length.—0.3 cm.

Stigma color.—RHS 144D.

Ovary color.—RHS 144B.

Ovary length.—0.1 cm.

Ovary diameter.—0.1 cm.

55 Androecium:

Stamen quantity.—4.

Color of filaments.—RHS 162B.

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.—Poor.

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

What is claimed is:

1. A new and distinct variety of *Lantana* plant named 'LANZ0040' substantially as illustrated and described herein.

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FIG. 1



FIG. 2