



US00PP31015P2

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

(10) **Patent No.:** **US PP31,015 P2**

(45) **Date of Patent:** **Nov. 5, 2019**

(54) **LANTANA PLANT NAMED ‘LANZ0022’**

(50) Latin Name: *Lantana camara* L.
Varietal Denomination: ‘LANZ0022’

(71) Applicant: **SYNGENTA PARTICIPATIONS AG**,
Basel (CH)

(72) Inventor: **Wendy R. Bergman**, Gilroy, CA (US)

(73) Assignee: **Syngenta Participations AG**, Basel
(CH)

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

(21) Appl. No.: **16/350,370**

(22) Filed: **Nov. 9, 2018**

(51) **Int. Cl.**
A01H 5/02 (2018.01)
A01H 6/86 (2018.01)

(52) **U.S. Cl.**
USPC **Plt./227**

(58) **Field of Classification Search**
USPC Plt./227
CPC A01H 5/02; A01H 6/86
See application file for complete search history.

Primary Examiner — Annette H Para

(74) *Attorney, Agent, or Firm* — Dale Skalla

(57) **ABSTRACT**

A new *Lantana* plant named ‘LANZ0022’ having medium
sized golden flowers with a hint of orange, excellent flower
production, moderately large plant size and uniform dense
mounded habit with medium green foliage.

1 Drawing Sheet

1

Latin name of the genus and species of the plant claimed:
Lantana camara L.
Varietal denomination: ‘LANZ0022’.

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 ‘LANZ0022’.

‘LANZ0022’ is a product of a planned breeding program.
The new cultivar ‘LANZ0022’ has medium sized golden
flowers with a hint of orange, excellent flower production,
moderately large plant size and uniform dense mounded
habit with medium green foliage.

‘LANZ0022’ originates from an open hybridization in an
outdoor field in August 2014 in Gilroy, Calif., USA. The
female parent was identified as ‘Lucky Flame Improved’
(‘Balucraim’, commercial cultivar not patented) having
scarlet red flower color and a more open growth habit than
‘LANZ0022’. The male parent is unknown.

The seed was sown in January 2015 in a greenhouse in
Gilroy, Calif. and ‘LANZ0022’ was selected as one flow-
ering plant within the progeny of the stated cross in March
2015.

The first act of asexual reproduction of ‘LANZ0022’ was
accomplished when vegetative cuttings were propagated
from the initial selection in June 2015 in a greenhouse in
Gilroy, Calif.

BRIEF SUMMARY OF INVENTION

Horticultural examination of plants grown from cuttings
of the plant initiated in September 2015 in Gilroy, Calif., and
continuing thereafter, has demonstrated that the combination
of characteristics as herein disclosed for ‘LANZ0022’ are
firmly fixed and are retained through successive generations
of asexual reproduction.

‘LANZ0022’ has not been observed under all possible
environmental conditions. The phenotype may vary signifi-

2

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. ‘LANZ0022’ 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
‘LANZ0022’ 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 ‘LANZ0022’ with col-
ors 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 October 2018. The plants were approxi-
mately 6 months old and were growing in 14" pots out of
doors.

The aforementioned photographs show those same plants
as used for the description were taken in Gilroy, Calif. in
October 2018 and show 6 month old plants from an outdoor
trial.

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

TABLE 1

DIFFERENCES BETWEEN THE NEW VARIETY 'LANZ0022' AND A MOST SIMILAR VARIETY		
	'LANZ0022'	'Bandana Orange' (U.S. Plant Pat. No. 28,174)
Flower color:	Golden	Light Orange
Umbel size:	Medium	Large
Plant size:	Larger	Smaller
Seed set:	Rarely	Regularly

Plant:

Form, growth and habit.—Semi-woody, grown as an annual or perennial; large and dense mounding habit; very well branched.

Plant height.—53 cm.

Plant height (inflorescence included).—54 cm.

Plant width.—100 cm.

Foliage:

Type.—Opposite.

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

Lower surface.—Closest to RHS 138A.

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

Lower surface.—Closest to RHS 137C.

Length.—5.5-6.7 cm.

Width.—4-4.2 cm.

Shape.—Ovate.

Base shape.—Rounded to obtuse.

Apex shape.—Acute.

Margin.—Dentate.

Texture, upper.—Hairy.

Texture, lower surface.—Hairy.

Pattern of veining.—Pinnate.

Petioles color.—RHS 139B.

Petioles length.—1.3-1.6 cm.

Diameter of petiole.—0.20 cm.

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

Stem:

Color of stem.—RHS 146B.

Length of stem.—30-35 cm.

Diameter.—0.3-0.4 cm.

Length of internodes.—4.5-7.5 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 30-32.

Quantity of inflorescences per plant.—About 25-33.

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

Fragrance.—Slightly spicy.

Umbel horizontal diameter.—4.0-4.2 cm.

Umbel vertical height.—2.2 cm.

Peduncle color.—RHS 146C.

Length of peduncle.—1.5-3.5 cm.

Peduncle diameter.—0.15 cm.

Texture.—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.—1.1 cm.

Width of floret.—0.9 cm.

Depth of floret.—1.5 cm.

Young floret, color upper surface.—RHS 15A in center, overlain with RHS 15B on edge.

Young floret, color lower surface.—RHS 12C.

Mid age floret, color upper surface.—RHS 24A.

Mid age floret, color lower surface.—RHS 22B.

Mature florets, color upper surface.—RHS 63C.

Mature floret, color lower surface.—RHS 159B.

Apex shape.—Rounded.

Degree of lobation.—Moderate.

Margin.—Entire.

Base.—Fused.

Texture, upper surface.—Smooth.

Lower surface.—Smooth with some really hairs.

Tube, color outer surface.—Closest to RHS 159A and RHS 29C.

Tube, color inner surface.—Closest to RHS 162B.

Tube, length.—1.2-1.3 cm.

Tube, diameter (at opening).—0.15 cm.

Tube, texture outer surface.—Very small hairs.

Inner surface.—Smooth.

Bud (just before opening):

Color.—RHS 15B.

Length.—1.0 cm.

Width.—0.3 cm at the apex.

Shape.—Tubular with a flared apex.

Bract:

Color.—Closest to RHS 144A.

Length.—0.7 cm.

Diameter.—0.15-0.2 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 145A.

Length of sepals.—0.2-0.3 cm.

Width of sepals.—0.1 cm.

Apex shape.—Obtuse.

Apex margins.—Entire.

Texture, outer surface.—Small hairs.

Inner surface.—Smooth.

Reproductive organs:

Gynoecium:

Pistil quantity.—One.

Length.—0.35 cm.

Style color.—RHS 159D.

Style length.—0.2 cm.

Stigma color.—RHS 144D.

Ovary color.—RHS 144B.

Ovary length.—0.1 cm.

Ovary diameter.—0.05 cm.

Androecium:

Stamen quantity.—4.

Color of filaments.—RHS 159D.

Length filaments.—0.05 cm.

Anther color.—RHS 166A.

Length of anthers.—0.1 cm.

Color of pollen.—No pollen.

Pollen amount.—No pollen.

Fertility/seed set.—Very poor.

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

What is claimed is:

1. A new and distinct variety of *Lantana* plant named 'LANZ0022' substantially as illustrated and described herein.

* * * * *

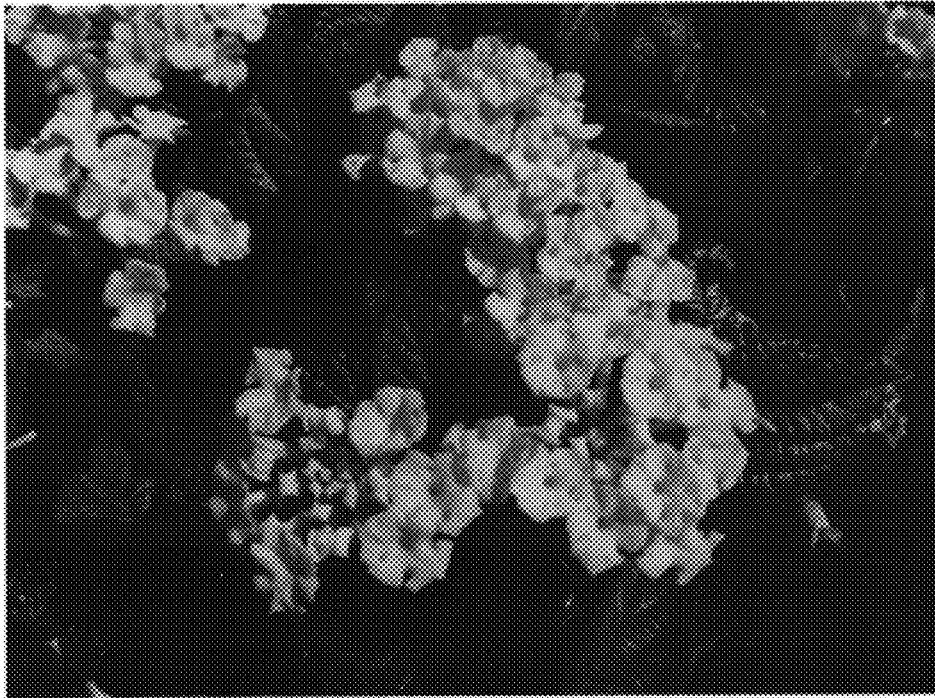


FIG. 1

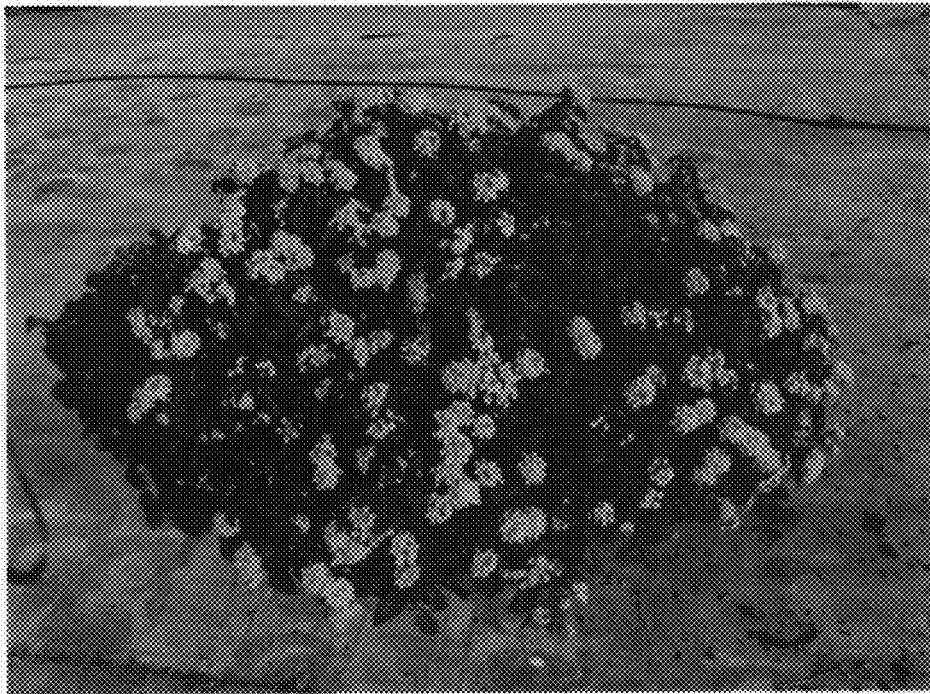


FIG. 2