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

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(54) **VERBENA PLANT NAMED ‘LAN LAV STAR’**

(50) Latin Name: *Verbena hybrida*
Varietal Denomination: **Lan Lav Star**

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patent is extended or adjusted under 35
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(58) **Field of Search** **Plt./308**

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(57) **ABSTRACT**

A verbena cultivar particularly distinguished by purple col-
ored flowers, vigorous growth.

1 Drawing Sheet

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Genus and species: *Verbena hybrida*.
Variety denomination: ‘Lan Lav Star’.

BACKGROUND OF THE NEW PLANT

The present invention comprises a new and distinct cul-
tivar of verbena, botanically known as *Verbena hybrida*, and
hereinafter referred to by the cultivar name ‘Lan Lav Star’.
The new cultivar is asexually reproduced from vegetative
cuttings and tissue culture resulting from the cross of the
seed/pod parent Temari Purple, a commercial line that is
unpatented × 99-765-5 a pink with blue tones proprietary
line that is unnamed and unpatented. This seedling had a
purple with a small white eye flower. The instant plant is the
result of a Sport from this cross.

‘Lan Lav Star’ is a product of a planned breeding program
intended to create new verbena cultivars with purple colored
flowers, dark green foliage, vigorous growth.

The new cultivar was created in 1999 in Gilroy, Calif. and
has been asexually reproduced repeatedly by vegetative
cuttings and tissue culture in Gilroy, Calif., Andijk, The
Netherlands; Guatemala over a three year period. The plant
has also been trialed at Gilroy, Calif., Litchfield, Mich. and
Andijk, The Netherlands. The present invention has been
found to retain its distinctive characteristics through succes-
sive propagations; and this novelty is firmly fixed.

DESCRIPTION OF PHOTOGRAPH

This new verbena plant is illustrated by the accompanying
photograph which shows blooms, buds, and foliage of the
plant in full color, the colors shown being as true as can be
reasonably obtained by conventional photographic proce-
dures.

The photograph shows the mature inflorescence.

DESCRIPTION OF THE NEW CULTIVAR

The following detailed descriptions set forth the distinc-
tive characteristics of ‘Lan Lav Star’. The data, which
defines these characteristics, were collected from asexual
reproductions carried out in Gilroy, Calif. The plant history
was taken on 6 month old plants grown in one-gallon pots,
in a double poly-greenhouse under natural light and color

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readings were taken in the greenhouse under natural lights.
Color references are primarily to The R.H.S. Colour Chart of
The Royal Horticultural Society of London (R.H.S.). Tex-
ture description details were observed under a dissecting
microscope according to The New Royal Horticultural Soci-
ety Dictionary of Gardening (1992).

THE PLANT

Classification:
Botanical.—*Verbena hybrida*.
Commercial.—*Verbena*.
Form: Semi upright and spreading.
Growth and branching habit: Vigorous growing, moderate
basal branching.
Height: From soil level to top of blooms: Approximately
20–25 cm.
Width: Approximately 20–30 cm.
Time to produce a finished flowering plant: 11 weeks.
Outdoor plant performance: Typical bedding plant culture,
full sun in the garden, hanging baskets or container plants.
Time to initiate and developed roots: Approximately 4–10
days in the greenhouse.
Root description: Fibrous, fleshy, white.

THE LEAVES

Leaf arrangement: Opposite.
Length: 5.2–5.9 cm.
Width: 3.3–3.7 cm.
Leaf blade shape: Ovate.
Leaf margin: Pinnatifid, irregularly incised.
Apex aspect: Obtuse.
Base aspect: Acuminate.
Leaf color: Upper side — Between RHS 139A (green) and
147A (yellows-green); Underside — Closest to RHS
147B (yellow-green).
Texture: Hirsute and some glandular hairs with violet hue.
Venation: Palmate.
Venation color: RHS 144B (yellow-green) fading from base
until almost disappears into leaf.
Petiole length: 1.0–1.2 cm.
Petiole diameter: 0.2–0.3 cm.
Petiole color: RHS 144B (yellow-green).

Petiole texture: Hirsute and some glandular hairs with violet hue.

THE STEM

Length: 30–40 cm.
Diameter: 0.25–0.3 cm.
Internodes length: 2.0–3.5 cm.
Color: RHS 144A (yellow-green) but a little darker.
Texture: Hirsute of long and short sizes and glandular hairs with violet hue.
Stem anthocyanin: No.

THE BUD

Shape: Linear.
Diameter: 0.3 cm.
Length: 1.4–1.9 cm.
Color at tight bud: RHS N82D BC (purple-violet) with RHS 85D (violet) patches.

THE FLOWER

Blooming habit: Flowers continuous throughout the growing season, early blooming, center flowering in the plant.
Inflorescence type: Spike.
Spike diameter: 5.0–5.5 cm.
Spike depth: 3.0–3.4 cm.
Peduncle length: 3.5–6.0 cm.
Peduncle diameter: 0.2 cm.
Peduncle color: RHS 144A (yellow-green).
Peduncle texture: Hirsute and many glandular hairs of various sizes with dark violet hue.
Flower color: Front side, RHS 84A (violet) but a little lighter base color; RHS 76C (purple) linear patches on each side of the petals, approximately 1.5 cm wide.
Flower color: Underside, RHS 84C (violet) but lighter base color; RHS 76D (purple) linear patches on each side of the petals approximately 1.5 cm wide.
Color of throat hairs: RHS 150A (yellow-green).
Floret form: Salverform; sessile on spikes.
Floret (limb) diameter: 1.7–2.0 cm.
Corolla tube length: 2.0–2.5 cm.

Number florets per spike: 19–28.
Number of petals: Gamopetalous, five lobed.
Petal size: Length of one lobe — 0.8–0.9 cm. Width of one lobe — 0.7–0.9 cm.
Petal lobe shape: Obovate.
Petal apex shape: Emarginate.
Petal base shape: Fused.
Petal margin: Entire.
Petal texture: Papillose.
Sepals: Five sepals whose margins are fused to each other along their length with a transparent membrane of less than 1 mm in width with one smaller sepal attached to the base of the calyx.
Calyx length: 1.2–1.3 cm.
Calyx width: 0.25–0.3 cm.
Calyx shape: Linear.
Calyx apex: Acute.
Calyx color: Between RHS 143A and B (green).
Calyx texture: Hirsute and many glandular hairs in light and dark violet hues.
Lastingness of individual blooms: 1 week.
Fragrance: None.

THE REPRODUCTIVE ORGANS

Not conspicuous: Usually 4 stamens, in 2 pairs; 1 pistil; typical of Verbena.
Seed production: Not observed.

DISEASE AND INSECT RESISTANCE

Mildew tolerance.

COMPARISON WITH KNOWN CULTIVARS

‘Lan Lav Star’ differs in the following ways. ‘Lan Lav Star’ is a bicolor flowered while the parent has a purple with a small eye flower.

I claim:

1. A new and distinct cultivar of verbena plant as shown and described herein.

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