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(54) *SANSEVIERIA* PLANT NAMED ‘LAUREN’

(50) Latin Name: *Sansevieria trifasciata*

Varietal Denomination: **Lauren**

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See application file for complete search history.

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(57) **ABSTRACT**
The new variety Lauren is part of the “long leaves *Sansevieria*” varieties. It can reach 85 cm in length, with an average of approximately 11-13 leaves per plant. The plant is cylindrical shaped, the arrangement of the leaves is in the form of a rosette. Shows colors very different from its parent variety (‘Jaboa’, unpatented) Unlike its parent variety it shows variegated leaves (different green tones on the irregular bands) and light greenish colored stripes along the margins, but ‘Jaboa’ presents less leaves per rosette.

3 Drawing Sheets

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Latin name of the genus and species of the claimed plant: *Sansevieria trifasciata*.
Variety denomination: ‘Lauren’.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar of *Sansevieria* plant, botanically known as *Sansevieria trifasciata*, of the family Ruscaceae hereinafter referred to by the cultivar name ‘Lauren’.

Sansevieria is a monocotyledonous and succulent plant which can be produced in either hard-leaved or soft-leaved varieties for interior use as a house plant or outdoors.

The new variety ‘Lauren’ originated as a naturally-occurring mutation of the *Sansevieria trifasciata* ‘Jaboa’ (unpatented). The new *Sansevieria* ‘Lauren’ was discovered and selected by the inventor Marvin Gonzalez Villegas, as a single sprouting rare mutated plant in a plantation containing plants of *Sansevieria* ‘Jaboa’, a controlled environment, in 2015 in Monterrey, San Carlos, Alajuela province, Costa Rica.

Asexual reproduction of the new *Sansevieria* cultivar ‘Lauren’ by vegetative cuttings was first performed in 2015 in Monterrey, San Carlos, Alajuela province, Costa Rica, and demonstrated that the combination of characteristics as herein disclosed for the new cultivar are firmly fixed and retained through successive generations of asexual reproduction. The new cultivar reproduces true to type.

BRIEF SUMMARY OF THE INVENTION

The following traits have been repeatedly observed and are determined to be unique characteristics of ‘Lauren’, which in combination distinguish this *Sansevieria* as a new and distinct cultivar:

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1. Variegated foliage with different green tones on the irregular bands, and light green colored margin bands in the leaf blade
2. wide and lanceolate leaves, supported in a rosette.
3. 60-85 cm plant height.
4. Plant habit: Erect
5. Needs little water and is drought tolerant.

The new variety ‘Lauren’ is considered a variety of *Sansevieria* in the group denominated as “long leaves *Sansevieria* varieties”. The new variety presents an average of 11-13 leaves per plant when it reaches its maturity (between 8-12 months). The new variety has an erect growth habit and the entire plant can reach a height range between 60-85 cm. The leaves are slightly wide (6-8 cm average measured at the widest part of the mature leaf) and lanceolate, with a soft waxy texture. The blades are thin and slightly wavy. The plant has a cylindrical shape.

The new variety is moderately drought tolerant, adapts to conditions of light and shade (interior and exterior), and shows resistance to antrachnose (*Colletotrichum sansvieriae*) disease.

The leaf blade is green colored (RHS 142A), with non-uniform vertical variegated bands in both sides of the leaves, dark green (RHS 141A) colored, non-uniform stains along both sides of the leaves, white colored, and also presents broad longitudinal light green (RHS 150A) colored stripes along the margins. The margins of the leaf are dark red colored (RHS N34A).

The variety ‘Jaboa’ gave rise to the variety ‘Lauren’. The ‘Jaboa’ is also considered part of the “long leaves varieties” group. The claimed variety shows a higher number of leaves per plant (11-13) than ‘Jaboa’, and less wide with an average width of 6-8 cm (measured in the middle of the mature leaf.) The growth habit is erect and presents narrow leaves supported in a rosette. The entire plant can reach a size between 60-85 cm. The plant has an inverted triangle shape.

Plants of the new *Sansevieria* 'Lauren' differ from plants of the parental cultivar, 'Jaboa' (unpatented) in the characteristics described in Table 1.

TABLE 1

Comparison between new cultivar 'Lauren' and its parent variety 'Jaboa'.		
Characteristic	New Cultivar 'Lauren'	Parent 'Jaboa' (unpatented)
Plant Vigor	more vigorous (more leaves)	less vigorous (less leaves)
Color	variegated leaves (different green tones on the irregular bands) and light green colored stripes along the margins	variegated leaves (different green tones on the irregular bands)
Shape	wide and lanceolated leaves on a rosette	wide and lanceolated leaves on a rosette
Texture of leaves	smooth-textured leaves	smooth-textured leaves

Of the many commercial cultivars known to the present inventor, the most similar in comparison to the new *Sansevieria* 'Lauren' is the *Sansevieria* 'Jaboa'.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

The accompanying photographs illustrate the overall appearance of the new *Sansevieria* cultivar 'Lauren' showing the colors as true as is reasonably possible with colored reproductions of this type. Colors in the photographs may differ slightly from the color value cited in the detailed botanical description which accurately describe the color of 'Lauren'.

FIG. 1—Shows a side view of an eight-month old plant of *Sansevieria* 'Lauren' in a 26 cm diameter pot.

FIG. 2—Shows a top view of an eight-month old plant of *Sansevieria* 'Lauren'.

FIG. 3A—shows a close-up view of the upper side of a typical leaf of *Sansevieria* 'Lauren', taken from an eight-month old plant.

FIG. 3B—shows a close-up view of the under side of a typical leaf of *Sansevieria* 'Lauren', taken from an eight-month old plant.

DETAILED BOTANICAL DESCRIPTION

The new *Sansevieria* 'Lauren' has not been observed under all possible environmental conditions. The phenotype of the new cultivar may vary with variations in environment such as temperature, light intensity, and day length without any change in the genotype of the plant.

The aforementioned photographs, together with the following observations, measurements and values describe the new *Sansevieria* cultivar 'Lauren' as grown in open-field conditions at Monterrey, San Carlos, Alajuela province, Costa Rica, under conditions which closely approximate those generally used in commercial practice. 24.5° C. during the day and 18° C. at night. Plants grow under natural light conditions.

This crop does not require constant fertilization, to increase production per area about 200 kg ha⁻¹ N, 150 kg ha⁻¹ of P and 100 kg ha⁻¹ K are required, the production is closely related with soil conditions in which they are grown.

Color references are made to The Royal Horticultural Society Colour Chart Online last accessed Sep. 2, 2016),

except where general colors of ordinary significance are used. The photographs and descriptions were taken during the rainy season in Monterrey, San Carlos, Alajuela province, Costa Rica when outdoor day temperature was 23° C. The age of the plants described is 8 months.

Classification:

Botanical.—*Sansevieria trifasciata*.

Variety denomination.—'Lauren'.

Parentage: Naturally-occurring whole plant mutation of *Sansevieria trifasciata* 'Jaboa' (unpatented).

Optimal growth conditions:

Light intensities.—High adaptability to outdoor or indoor conditions.

Temperature.—Day: 24° C. to 32° C. Night: 18° C. to 23° C.

Temperature tolerance.—Tolerant to temperatures between 12° C. and 35° C.

Fertilization.—200, 150 and 100 kg ha⁻¹ of N, P and K.

Growth regulators.—Not necessary.

Propagation:

Type.—Vegetative, by rooted cuttings.

Rooting habit description.—Rhizomes, with short roots

Time to initiate roots.—15 to 22 days at 20-25° C.

Faster time to produce a rooted cutting: About 60 to 90 days at 20-25° C.

Plant:

General appearance and form:

Height: About 85 cm when grown in ground; about 60 cm when grown in a 26 cm size container.

Spread: About 15 cm when grown in ground; About 12 cm when grown in 26 cm size container.

Form: Monocot; leaf bases arranged in a rosette around growth point.

Shape: Cylindrical.

Growth rate and habit: About 2.5 cm per week; upright.

Fragrance: None.

Stem: Modified (rhizome and foliage).

Length.—About 12 cm when grown in ground; About 8 cm when grown in 26 cm size container.

Diameter.—About 3.0-4.0 cm.

Shape.—Round.

Texture.—Rough.

Color.—RHS 4D.

Strength.—Strong and durable.

Inter node length.—About 0.6 mm to 0.8 mm.

Foliage:

Quantity: About 11-13 leaves.

Arrangement and attachment: Single, alternate; leaf bases arranged in a rosette around growth point.

Leaf length: About 85 cm.

Leaf width: About 8 cm.

Overall shape of leaf: Lanceolated.

Apex shape: Acute, triangular.

Base shape: Plane.

Margin: Sharp, smooth.

Texture:

Upper surface.—Smooth and waxy texture.

Under surface.—Smooth and waxy texture.

Pubescence: None.

Color of mature leaf:

Upper surface.—RHS141A, RHS142A, RHS150A, and RHSN34A.

Lower surface.—RHS141A, RHS142A, RHS150A, and RHSN34A.

Color of immature leaf:
Upper surface.—RHS141A, RHS142A, RHS150A,
 and RHSN34A.
Lower surface.—RHS141A, RHS142A, RHS150A,
 and RHSN34A.

Venation:
Pattern.—longitudinal/parallel leaf shape.
Color.—None.
Leaf fragrance.—None.

Inflorescence description:
 Arrangement and type: Inflorescence.
 Orientation at opening: Out of the spike.
 Quantity:
Quantity.—
Per Plant with at least one open flower.—About 100 at
 2 weeks.

Inflorescence size:
Length.—About 40 cm.
Diameter.—About 1.2 cm.

Flower size:
Length.—About 7.5 cm.
Diameter.—About 0.5 cm.
Depth.—About 1 cm.

Fragrance: none
 Rate of opening: About 7 to 8 days, according to weather.
 Shape: Ovoid.
 Length: About 3 cm.
 Diameter: About 1 cm.
 Color:
Apex.—RHS 150 D.
Base.—RHS 143 A.

Texture (both surfaces): Smooth.

Petals:
 Quantity: 5.
 Arrangement: Star-shaped.

5 Reproductive organs:
 Androecium:
Stamen.—Number: 6 per flower. Length: About 1.3 cm.
 Color: RHS 150D.
Anther.—Length: About 4 mm. Width : About 1 mm.
 10 Color: RHS 150B.
Filament.—Length: About 1.3 cm. Color: RHS 150D.
Pollen.—Amount: moderate. Color: RHS 150D.

Gynoecium:
 15 *Pistil*.—Number: One per flower. Length: About 3.0
 cm.
Stigma.—Length: About 0.6 mm. Width: About 1 mm.
 Color: RHS 150D.
Style.—Length: About 3 cm. Color: RHS 150D.
 20 *Ovary*.—Length: About 6 mm. Width: About 5 mm.
 Color: RHS 143A.

Weather resistance: Drought tolerant.
 Disease/pest resistance: Resistance to antrachnose (*Collelo-*
trichum sansevierae).
 25 Disease/pest susceptibility: Not observed so far.

I claim:
 1. A new and distinct *Sansevieria* plant named 'Lauren',
 substantially as illustrated and described herein.

FIG. 1



FIG. 2

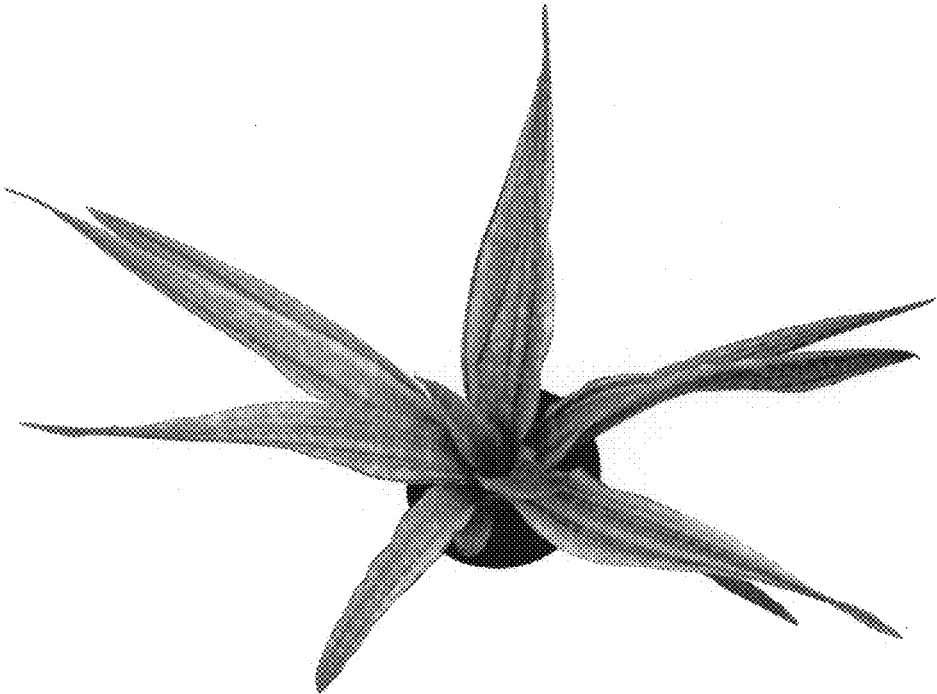


FIG. 3A



FIG. 3B

