



APPLICATIONS UNDER EXAMINATION

SALVIA

SALVIA (*Salvia*)

Proposed denomination: 'BBSAL01301'
Trade name: Rockin' Blue Suede Shoes
Application number: 19-9879
Application date: 2019/05/17
Applicant: Plant 21 LLC, Bonsall, California, United States of America
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Brent D. Barnes, Plant 21 LLC, Bonsall, California, United States of America

Variety used for comparison: 'Black and Blue'

Summary: *The plants of 'BBSAL01301' are taller than the plants of 'Black and Blue'. The upper side of the leaf blade of 'BBSAL01301' is brown green whereas the upper side of the leaf blade of 'Black and Blue' is a lighter brown green. The calyx of 'BBSAL01301' is shorter than that of 'Black and Blue'. The outer side of the corolla tube of 'BBSAL01301' is violet blue whereas the outer side of the corolla tube of 'Black and Blue' is a darker violet blue.*

Description:

PLANT: semi-upright growth habit, dense amount of shoots

STEM: medium density of pubescence

LEAF: petiole present

LEAF BLADE: medium length to width ratio, broadest part positioned strongly towards base, acute apex, truncate to wedge shaped base, medium depth of incisions on margin, absent or weak undulation of margin

LEAF BLADE (UPPER SIDE): brown green (RHS 137B), no variegation, absent or very sparse pubescence, absent or very weak to weak rugosity, absent or very weak glossiness

INFLORESCENCE: medium number of florets per node, absent to very few lateral branches, upright to semi-upright attitude of tip

CALYX (OUTER SIDE): more green than black (RHS N186A), sparse pubescence

COROLLA TUBE (OUTER SIDE): violet blue (RHS 94B)

COROLLA (UPPER LIP): outer side is violet blue (RHS 94A-B), medium density of pubescence

COROLLA (LOWER LIP): moderately downwards attitude relative to corolla tube, violet blue (RHS 94B-C), absent or very weak undulation of margin

Origin and Breeding: 'BBSAL01301' was bred and developed by the breeder, Brent D. Barnes, in Bonsall, California, USA. 'BBSAL01301' originated from a controlled cross made in October 2016 between two proprietary varieties. The new variety 'BBSAL01301' was selected in August 2017 for its growth habit, branch strength, leaf colour, early flowering, flower colour, and garden performance. 'BBSAL01301' was first propagated asexually by vegetative tip cuttings in August 2017, in Bonsall, California, USA.

Tests and Trials: The comparative trial for 'BBSAL01301' was conducted in a polyhouse during the summer of 2020 at BioFlora Inc. in St. Thomas, Ontario. The trial included 20 plants each of the candidate and reference variety. Plants were grown from rooted cuttings and transplanted into 15cm pots on April 20, 2020. Observations and measurements were taken from 10 plants, or 10 parts of plants, of each variety on June 10, 2020. All colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'BBSAL01301'

	'BBSAL01301'	'Black and Blue'*
<i>Plant height (cm)</i>		
mean	82.2	67.4
std. deviation	4.1	4.8
<i>Calyx length (cm)</i>		
mean	4.4	4.7
std. deviation	0.16	0.18
<i>Colour of leaf blade (RHS)</i>		
upper side	137B	more green than 146A
<i>Colour of corolla tube (RHS)</i>		
outer side	94B	93A

*reference variety



Salvia: 'BBSAL01301' (left) with reference variety 'Black and Blue' (right)



Salvia: 'BBSAL01301' (left) with reference variety 'Black and Blue' (right)

SALVIA
(*Salvia farinacea*)

Proposed denomination: 'G14251'
Trade name: Unplugged So Blue
Application number: 19-9870
Application date: 2019/05/17
Applicant: GardenGenetics LLC, Bellefonte, Pennsylvania, United States of America
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Richard A. Grazzini, GardenGenetics LLC, Bellefonte, Pennsylvania, United States of America

Variety used for comparison: 'Velocity Blue'

Summary: *The plants of 'G14251' are shorter than those of 'Velocity Blue'. The leaf blade of 'G14251' has a medium length to width ratio and is wider than that of 'Velocity Blue', which has a large length to width ratio. The upper side of the leaf blade of 'G14251' is dark green with strong glossiness while it is medium green with absent or very weak glossiness for 'Velocity Blue'. The outer side of the calyx of 'G14251' is violet blue with light violet blue at the base while that of 'Velocity Blue' is darker violet blue. The outer side of the upper lip of the corolla of 'G14251' is violet blue while that of 'Velocity Blue' is darker violet blue to blue violet.*

Description:

PLANT: upright growth habit, sparse to medium shoot density

STEM: medium to strong intensity of anthocyanin colouration on upper half, weak intensity of anthocyanin colouration at base, dense pubescence at top, absent or very sparse pubescence at base

LEAF: petiole present

LEAF BLADE: medium length to width ratio, broadest part positioned moderately towards base, obtuse apex, acute to obtuse base, medium depth of incisions on margin, medium undulation of margin, profile is weak to strongly concave

LEAF BLADE (UPPER SIDE): dark green, no variegation, absent or very sparse pubescence, weak rugosity, strong glossiness

INFLORESCENCE: medium number of florets per node, medium number of lateral branches, upright attitude of tip

BRACT: very strong persistence, outer side is violet blue (RHS 94B)

CALYX (OUTER SIDE): violet blue (RHS 94B) to darker violet blue (RHS 93C) with light violet blue (closest to RHS 97D) at base, dense pubescence

COROLLA TUBE (OUTER SIDE): white (RHS NN155D)

COROLLA (UPPER LIP): outer side is violet blue (darker than RHS 94A), very dense pubescence

COROLLA (LOWER LIP): horizontal to semi-drooping attitude relative to corolla tube, inner side is violet blue (RHS 94B) with darker violet blue (RHS 94A) close to margin, inner side has secondary colour of white (RHS NN155D) stripes distributed at central zone, medium undulation of margin

Origin and Breeding: 'G14251' originated from a controlled cross conducted by the breeder, Richard A. Grazzini, an employee of GardenGenetics LLC in Bellefonte, Pennsylvania, USA. The cross was made between the female parent variety 'G2X-31942' and an unnamed proprietary seedling as the male parent, in August 2013 in Bellefonte, Pennsylvania. On October 8, 2014, 'G14251' was selected at GardenGenetics LLC for its early and long flowering period, flower size, deep dark blue flower colour and garden performance. 'G14251' was first propagated by vegetative cuttings in October 2014 in Bellefonte, Pennsylvania, USA.

Tests and Trials: The comparative trial for 'G14251' was conducted in a polyhouse during the summer of 2020 at BioFlora Inc. in St. Thomas, Ontario. The trial included 20 plants each of the candidate and reference variety. Plants were grown from rooted cuttings and transplanted into 15cm pots on April 20, 2020. Observations and measurements were taken from 10 plants, or 10 parts of plants, of each variety on June 10, 2020. All colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

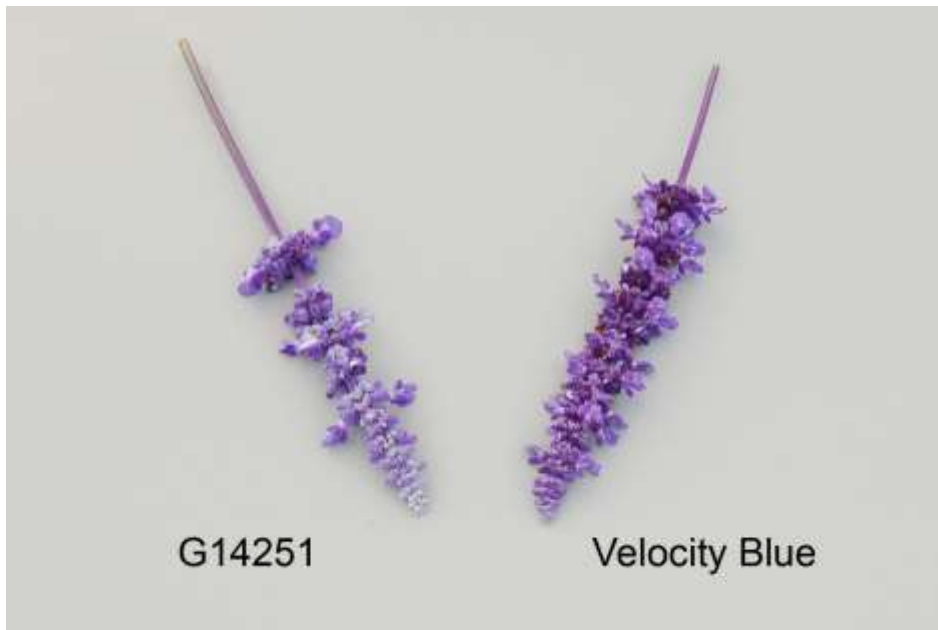
Comparison table for 'G14251'

	'G14251'	'Velocity Blue'*
<i>Plant height (cm)</i>		
mean	40.6	53.4
std. deviation	2.8	1.8
<i>Leaf blade length (cm)</i>		
mean	4.7	3.2
std. deviation	0.4	0.3
<i>Colour of calyx (RHS)</i>		
outer side	94B to 93C with 97D base	94A with N89B tones
<i>Colour of upper lip of corolla (RHS)</i>		
outer side	darker than 94A	N89B-C

*reference variety



Salvia: 'G14251' (left) with reference variety 'Velocity Blue' (right)



Salvia: 'G14251' (left) with reference variety 'Velocity Blue' (right)
