



APPLICATIONS UNDER EXAMINATION

LOBELIA

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(Lobelia erinus)

Proposed denomination: 'WNLOLACLWH'
Trade name: Laguna Cloud White
Application number: 21-10654
Application date: 2021/07/28
Applicant: WinGen, LLC, Buda, Texas, United States of America
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Benjamin Kent Winslow, WinGen, LLC, Buda, Texas, United States of America

Varieties used for comparison: 'KLELE11769' (Magadi Basket White) and 'Techno White'

Summary: *The shoots of 'WNLOLACLWH' have a semi-upright to horizontal attitude and are longer than both those of 'KLELE11769', which have an upright to semi-upright attitude and 'Techno White' which have an upright attitude. The shoots of 'WNLOLACLWH' are of medium thickness while those of 'KLELE11769' are thin. The leaf of 'WNLOLACLWH' is shorter than that of 'Techno White' and wider than that of 'KLELE11769'. The lower lip of the corolla of 'WNLOLACLWH' is longer than that of both reference varieties.*

Description:

PLANT: semi-upright to horizontal shoot attitude

SHOOT: medium thickness, medium green, absent or very weak anthocyanin colouration, medium density pubescence

LEAF BLADE: medium depth margin incisions, obovate to spatulate shape, obtuse apex, medium green on upper side, absent or very sparse pubescence on upper side

FLOWER: single type, early flowering

UPPER LIP: obovate shaped lobes, inner side white (RHS NN155D)

LOWER LIP: upper and lower sides white (RHS NN155D), no markings, free to touching arrangement of lobes

Origin and Breeding: 'WNLOLACLWH' originated from a controlled cross conducted in November 2016 in Alajuela, Costa Rica, between the female parent variety 'Techno Heat White' and the male parent variety 'Hot White Snow'. From the resulting progeny, a single plant was selected on August 15, 2017 in Twinsburg, Ontario based on flower colour, flower abundance, flowering period, heat tolerance and summer performance. 'WNLOLACLWH' was initially asexually propagated by cuttings on November 15, 2017 in Carleton, Michigan, USA.

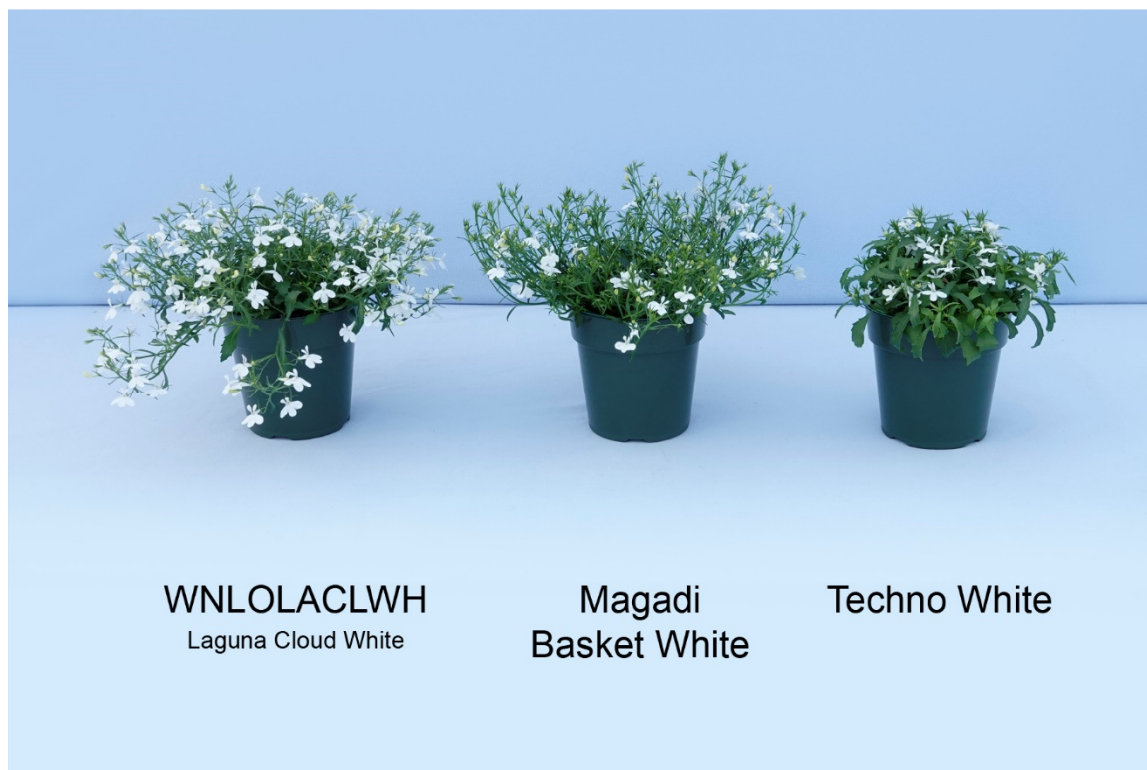
Tests and Trials: The comparative trial for 'WNLOLACLWH' was conducted in a polyhouse during the spring of 2022 at BioFlora, Inc. in St. Thomas, Ontario. The trial included a total of 20 plants each of the candidate and reference varieties. All plants were grown from rooted cuttings and transplanted into 15 cm pots on April 8, 2022. Observations and measurements were taken from 10 plants, or parts of plants, of each variety on May 31, 2022. All colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'WNLOLACLWH'

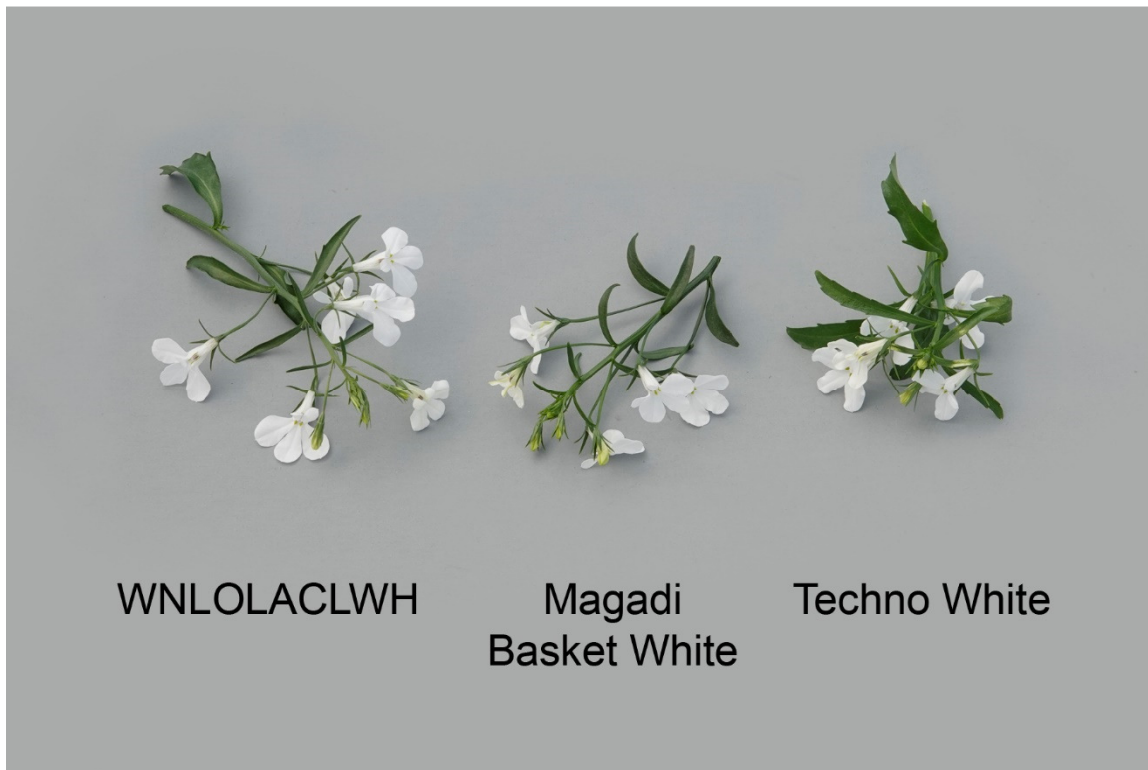
	'WNLOLACLWH'	'KLELE11769'*	'Techno White'*
<i>Shoot length (cm)</i>			
mean	25.3	18.2	14.0
std. deviation	3.17	2.15	1.22
<i>Leaf length (cm)</i>			
mean	4.6	4.2	6.0
std. deviation	0.55	0.45	0.37

<i>Leaf width (cm)</i>			
mean	2.1	1.5	2.0
std. deviation	0.18	0.16	0.23
<i>Lower lip length (cm)</i>			
mean	1.5	1.2	1.2
std. deviation	0.07	0.07	0.07

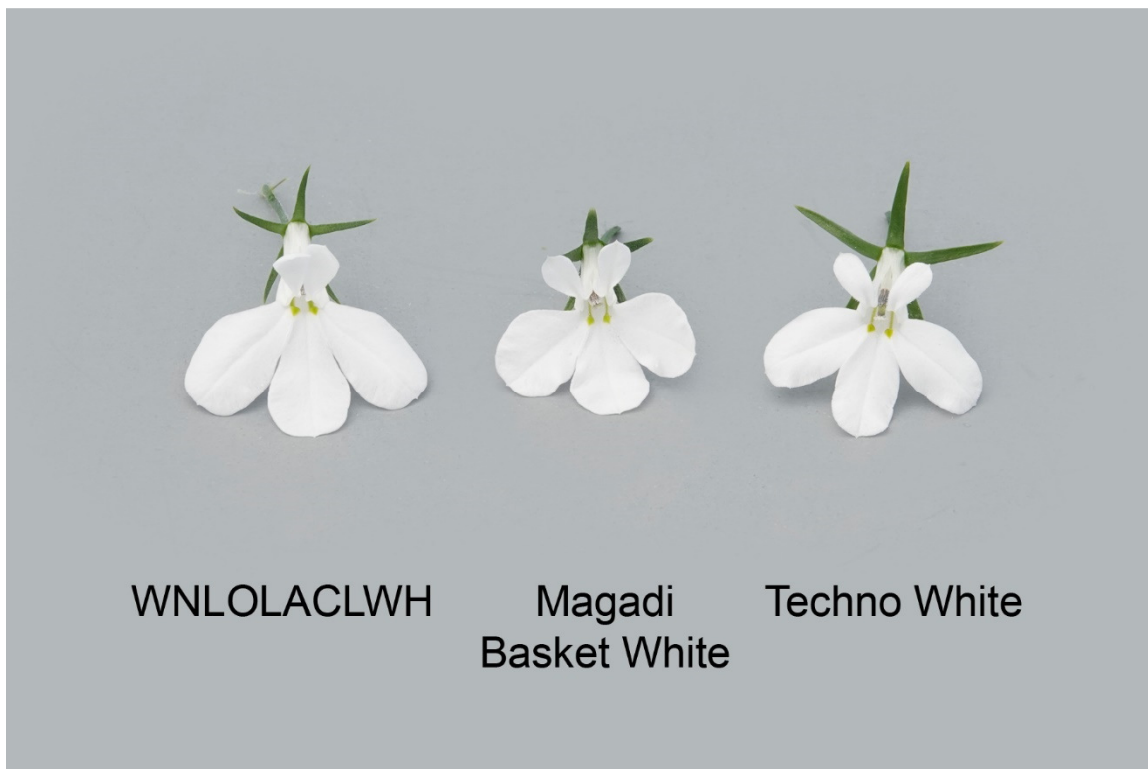
*reference varieties



Lobelia: 'WNLOLACLWH' (left) with reference varieties 'KLELE11769' (centre) and 'Techno White' (right)



Lobelia: 'WNLOLACLWH' (left) with reference variety 'KLELE11769' (centre) and 'Techno White' (right)



Lobelia: 'WNLOLACLWH' (left) with reference variety 'KLELE11769' (centre) and 'Techno White' (right)