



APPLICATIONS UNDER EXAMINATION

ZZ PLANT

ZZ PLANT
(Zamioculcas zamiifolia)

Proposed denomination: 'Down'
Application number: 19-10024
Application date: 2019/10/16
Applicant: Hyuk Jin Lee, Cheoin-gu, Yongin, Gyeonggi, Republic of Korea
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Hyuk Jin Lee, Cheoin-gu, Yongin, Gyeonggi, Republic of Korea

Variety used for comparison: 'Heemsprix'

Summary: *The plants of 'Down' are taller than those of 'Heemsprix'. The scale leaf of 'Down' is brown purple and longer than that of 'Heemsprix', which is dark green. The leaf of 'Down' has approximately sixteen leaflets while the leaf of 'Heemsprix' has approximately ten leaflets.*

Description:

SCALE LEAF: brown purple

PETIOLE: greyish green

LEAFLET: elliptic shape, small angle with main vein, no variegation, dark purple green, no secondary colour, medium to strong degree of glossiness, acuminate apex, weak undulation of margin

Origin and Breeding: 'Down' was discovered and developed by the breeder, Hyuk Jin Lee, in South Korea. The variety was discovered in 2006 as a naturally occurring branch mutation from an unnamed *Zamioculcas zamiifolia* parent plant located at the breeder's nursery in Segok-dong, Seoul, South Korea. 'Down' was selected in 2006 for its very dark green young leaflet colour and its nearly black coloured fully expanded leaflet, rachis and petiole. Asexual reproduction of 'Down' was initially conducted by leaf cuttings in 2006 in Segok-dong, Seoul, South Korea.

Tests and Trials: The detailed description of 'Down' is based on the UPOV report of Technical Examination, application number 2015/0379, purchased from the Community Plant Variety Office in Angers, France. The trial was conducted by the Naktuinbouw in Roelofarendsveen, Netherlands in 2016.

Comparison table for 'Down'

	'Down'	'Heemsprix'*
<i>Plant height (cm)</i>		
mean	40	30
<i>Scale leaf length (cm)</i>		
mean	9	4
<i>Number of leaflets per leaf</i>		
mean	16	10

*reference variety



ZZ Plant: 'Downon'



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