| Details of Application | $2014 / 325$ |  |
| :---: | :---: | :---: |
| Application Number |  |  |
| Variety Name | 'MALOF003' |  |
| Genus Species | Philodendron bipinnatifidum |  |
| Common Name | Philodendron |  |
| Synonym | 'GoldBullion' |  |
| Accepted Date | 11-Apr-2016 |  |
| Applicant | Malof Trading Pty Ltd |  |
| Agent |  |  |
| Qualified Person | Ian Paananen |  |
| Details of Comparative Trial |  |  |
| Location | Oakville, NSW |  |
| Descriptor | UPOV General Descriptor |  |
| Period | July 2015-July 2016 |  |
| Conditions | Trial conducted standard polyhouse conditions, plants propagated from micro-propagation, planted into 200 mm pots filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers. No pest and disease treatments were required. |  |
| Trial Design | Twelve pots of each variety arranged in a completely randomised design. |  |
| Measurements | Measurements were taken from ten plants according to the UPOV guidelines in metric system. |  |
| RHS Chart - edition | 2015 |  |
| Origin and Breeding |  |  |
| Spontaneous mutation: 'Winterbourn' (aka Xanadu ${ }^{\text {TM }}$ ). The parent is characterised by a dark green leaf colour. Selection took place in Oakville, NSW in 2012. Selection criteria: presence of golden yellow leaf colour which does not turn green with maturity, compact plant growth habit. Propagation: vegetative micro-propagation, cuttings and divisions were found to be uniform and stable. Breeder: Stephen Solomon, Oakville, NSW. |  |  |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge |  |  |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Plant | size | medium |
| Plant | width | medium |
| Leaf | shape | pinnatisect |
| Leaf | incision of margin | present |
| Leaf | undulation of margin | strong |
| Leaf | number of colours | one |
|  |  |  |
| Most Similar Varieties of Common Knowledge identified (VCK) |  |  |
| Name | Comments |  |
| Golden Xanadu | Originatin <br> Bromeliad $2007 / 2470$ | Thailand 1999, assigned to Kerry's Inc, USA. Described: USPP 19, Not found to be available any lo |


| 'Winterbourn’ parent variety |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Varieties of Common Knowledge identified and subsequently excluded |  |  |  |  |
| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
| 'Golden <br> Xanadu’ | Immature length leaf blade | short | medium |  |
| -Golden Xanadu' | Immature width leaf blade | narrow | medium |  |
| 'Golden <br> Xanadu' | Petiole length | short | medium |  |
| ‘Golden <br> Xanadu' | $\begin{aligned} & \hline \text { Plant height } \\ & \text { (immature) } \\ & \hline \end{aligned}$ | short | medium |  |

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

| Organ/Plant Part: Context | 'MALOF003' | 'Winterbourn' |
| :---: | :---: | :---: |
| $\square$ Plant: growth habit | erect | erect |
| $\square$ Plant: size | medium | medium |
| ${ }^{\sim}$ Plant: height | short | medium |
| $\square$ Plant: width | medium | medium |
| $\square$ Stem: presence of anthocyanin in new growth | present | present |
| $\square$ Young shoot: anthocyanin colouration | medium | medium |
| $\square$ Leaf: leaf type | simple | simple |
| $\square$ Leaf: attitude | erect | erect |
| $\square$ Leaf: length of blade | medium | medium |
| $\square$ Leaf: width of blade | medium | medium |
| ${ }^{\sim}$ Leaf: length of petiole | short | medium |
| $\square$ Leaf: shape | pinnatisect | pinnatisect |
| $\square$ Leaf: incision of margin | present | present |
| $\square$ Leaf: undulation of the margin | strong | strong |
| $\square$ Leaf: shape of cross-section | concave | concave |
| $\checkmark$ Leaf: curvature of longitudinal axis | straight | recurved |
| $\square$ Leaf: glossiness of upper side | medium to strong | medium to strong |
| ${ }^{\sim}$ Leaf: green colour | light | dark |
| $\square$ Leaf: presence of variegation | absent | absent |
| $\sqrt{\sim}$ Leaf: primary colour (RHS colour chart) | N144A | NN137B |
| $\square$ Leaf colour: number of colours | one | one |

Characteristics Additional to the Descriptor/TG



## Prior Applications and Sales:

Nil

