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**Brouwer**

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(54) *SPATHIPHYLLUM* PLANT NAMED 'JETSON'

(51) **Int. Cl.<sup>7</sup>** ..... A01H 5/00

(50) Latin Name: *Spathiphyllum* sp.  
Varietal Denomination: **Jetson**

(52) **U.S. Cl.** ..... **Plt./364**

(58) **Field of Search** ..... **Plt./364**

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(\*) Notice: Subject to any disclaimer, the term of this  
patent is extended or adjusted under 35  
U.S.C. 154(b) by 85 days.

(57) **ABSTRACT**

A new cultivar of *Spathiphyllum* plant named 'Jetson' that is  
characterized by dark green leaves, a white spathe, a white  
spadix and a bushy habit with dense foliage.

(21) Appl. No.: **10/894,195**

(22) Filed: **Jul. 19, 2004**

**1 Drawing Sheet**

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Botanical classification: *Spathiphyllum* sp.  
Variety denomination: 'Jetson'.

**BACKGROUND OF THE INVENTION**

The present invention relates to a new and distinct cultivar  
of *Spathiphyllum* plant botanically known as *Spathiphyllum*  
and hereinafter referred to by the cultivar name 'Jetson'.

'Jetson' was discovered in the Spring of 2003 as a  
naturally occurring branch mutation of a plant of *Spath-*  
*iphyllum* 'Jetty' (U.S. Plant Pat. No. 9,957). 'Jetson' was  
discovered in a cultivated area of Nootdorp, The Nether-  
lands.

Asexual reproduction by tissue culture of the new cultivar  
'Jetson' was first performed in November 2003 in Nootdorp,  
The Netherlands. Since that time, under careful observation,  
the unique characteristics of the new cultivar have been  
uniform, stable and reproduced true to type in successive  
generations of asexual reproduction.

**SUMMARY OF THE INVENTION**

The following represent the distinguishing characteristics  
of the new *Spathiphyllum* cultivar 'Jetson'.

1. *Spathiphyllum* 'Jetson' exhibits dark green leaves.
2. *Spathiphyllum* 'Jetson' exhibits a white spathe and  
spadix.
3. *Spathiphyllum* 'Jetson' exhibits a bushy habit with  
dense foliage.

The new cultivar 'Jetson' is distinguishable from the  
parent *Spathiphyllum* 'Jetty' by the following characteris-  
tics:

1. 'Jetson' flowers 3 to 4 weeks earlier.
2. 'Jetson' has darker leaves.
3. 'Jetson' has denser foliage.
4. 'Jetson' has a different color spathe. The spathe color of  
'Jetson' is 155C. The spathe color of 'Jetty' is 155D.

**BRIEF DESCRIPTION OF THE DRAWING**

The accompanying photograph illustrates the distinguish-  
ing traits of *Spathiphyllum* 'Jetson'. The plant in the pho-  
tograph shows an overall view of a 27 week old plant. The  
photograph was taken using conventional techniques and  
although colors may appear different from actual colors due

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to light reflectance it is as accurate as possible by conven-  
tional photographic techniques.

**BOTANICAL DESCRIPTION OF THE PLANT**

The following is a detailed description of the new *Spath-*  
*iphyllum* cultivar named 'Jetson'. Data was collected in  
Nootdorp, The Netherlands from 27 week old greenhouse  
grown plants in 21 cm containers. The time of year was  
Winter to Spring and the average temperature was 20°  
Centigrade during the day and night. No photoperiodic  
treatments or growth retardants were used. Color determi-  
nations are in accordance with The Royal Horticultural  
Society Colour Chart 2001 edition, except where general  
color terms of ordinary dictionary significance are used. The  
growing requirements are similar to the species. 'Jetson' has  
not been tested under all possible conditions and phenotypic  
differences may be observed with variations in  
environmental, climatic, and cultural conditions, however,  
without any variance in genotype.

Botanical classification: *Spathiphyllum* 'Jetson'.

Use: Ornamental.

Parentage: 'Jetson' is a branch sport of *Spathiphyllum*  
'Jetty'.

Vigor: Moderate.

Growth rate: Moderate.

Growth habit: Freely clumping, outwardly arching, bushy  
and dense foliage.

Plant shape: Upright, somewhat outwardly spreading.

Suitable container size: 21 cm diameter container.

Height: Average 33 cm to top of leaf plane, 55 cm to top of  
inflorescences.

Width: Average 65 cm. in width.

Hardiness: USDA Zone 10.

Propagation: Tissue Culture.

Time to initiate roots (summer): Approximately 14 days to  
produce roots on an initial cutting.

Time to initiate roots (winter): Approximately 21 days to  
produce roots on an initial cutting.

Time to produce a rooted cutting or liner (summer and  
winter): Approximately 60 days.

Root system: Fine and fibrous.

Stem: No stems, Leaves grow directly from base, Average 5  
clumps, clump color 143 A/B.

## Foliage:

- Texture*.—Smooth, slightly leathery.  
*Leaf arrangement*.—Alternate.  
*Compound or single*.—Single.  
*Leaf shape*.—Ovate.  
*Leaf apex*.—Apiculate.  
*Leaf base*.—Attenuate.  
*Leaf length*.—Average 23.7 cm in length.  
*Leaf width*.—12.3 cm in width.  
*Pubescence*.—Absent.  
*Leaf margin*.—Entire, slightly wavy.  
*Vein pattern*.—Pinnate.  
*Young leaf color (upper surface)*.—Between 143 A/B and 144A.  
*Young leaf color (lower surface)*.—146B/C.  
*Mature leaf color (upper surface)*.—137B.  
*Mature leaf color (lower surface)*.—138B.  
*Vein color (lower surface)*.—144C.  
*Vein color (upper surface)*.—137B.  
*Leaf attachment*.—Petiolate.  
*Petiole dimensions*.—Average 17.1 cm in length including geniculum, 4 mm in diameter below geniculum to 9 mm. in diameter above clump.  
*Petiole aspect*.—Round.  
*Petiole color*.—137B.  
*Geniculum dimensions*.—Average 2.6 cm in length and 4.7 mm in diameter.  
*Geniculum aspect*.—Rounded.  
*Geniculum color*.—138A.  
*Petiole sheath dimensions*.—Average 14.1 cm in length and 5 mm in diameter.  
*Petiole sheath color*.—137B/C.  
*Durability of foliage to stress*.—High.

## Inflorescence:

- Inflorescence arrangement*.—Spathes with spadices held above the foliage on erect peduncles arising from the petiole sheath.  
*Flowering habit*.—Continuous.  
*Quantity of spathes per plant*.—2 .  
*Natural flowering season*.—Autumn to winter.  
*Time to flower or response time*.—6 months.  
*Fragrance*.—Strong, sweet.  
*Self-cleaning or persistent*.—Persistent.  
*Flower longevity*.—Lasts approximately 3 weeks on plant.

- Spathe aspect*.—Concave, cupped.  
*Spathe dimensions*.—Average 15 cm in length, 10.9 cm in width and 6.2 cm in depth.  
*Spathe texture*.—Glabrous, slightly leathery.  
*Spathe shape*.—Broad elliptic.  
*Spathe margin*.—Entire.  
*Spathe apex*.—Apiculate, twisted.  
*Spathe base*.—Cuneate.  
*Spathe color when opening (front side)*.—155C.  
*Spathe color when opening (back side)*.—155C.  
*Spathe color when fully opened (front side)*.—155C.  
*Spathe color when fully opened (back side)*.—155C with a vein 144A.  
*Spathe color facing to*.—Not fading.  
*Spadix shape*.—Columnar, arising from top of peduncle.  
*Spadix dimensions*.—Average 9.3 cm in length and 1.7 mm in diameter.  
*Spadix color when opening*.—158B.  
*Spadix color when fully opened*.—158B.  
*Quantity of flowers per spadix*.—Average 340.  
*Spadix flower arrangement*.—Bisexual, rounded.  
*Spadix flower dimensions*.—3.5 mm in diameter and 3 mm in depth.

## Reproductive organs:

- Anther color*.—158D.  
*Amount of pollen*.—Moderate to high.  
*Pollen color*.—158C/D.  
*Stigma color*.—58B.  
*Ovary color*.—158B.

## Peduncle:

- Peduncle dimensions*.—Average 41 cm in length and 5 mm. in diameter.  
*Peduncle angle*.—0 to 10°.  
*Peduncle color*.—137A/B.  
*Peduncle strength*.—Strong.

Seed: Seed production has not been observed.

Disease and insect resistance: Plants of the new *Spathiphyllum* have not been observed for disease or insect resistance.

It is claimed:

1. A new and distinct variety of *Spathiphyllum* plant named 'Jetson' as described and illustrated.

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