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**Hofmann**

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(54) **NEW GUINEA *IMPATIENS* PLANT NAMED  
'FISNICS THYST'**

(50) Latin Name: *Impatiens hawkeri*  
Varietal Denomination: **Fisnics Thyst**

(75) Inventor: **Birgit Christa Hofmann**, Bendorf (DE)

(73) Assignee: **Florfis AG**, Binningen (CH)

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See application file for complete search history.

*Primary Examiner*—Anne Marie Grunberg

*Assistant Examiner*—Georgia Helmer

(74) *Attorney, Agent, or Firm*—Jondle & Associates P.C.

(57) **ABSTRACT**

A new New Guinea *Impatiens* plant particularly distin-  
guished by large, round, almost flat, lavender flowers that  
are well above the foliage, an early to medium flowering  
response, medium green foliage with large leaves, and a  
medium sized plant habit that is round and bushy, is dis-  
closed.

**1 Drawing Sheet**

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Genus and species: *Impatiens hawkeri* W. Bull.  
Variety denomination: 'Fisnics Thyst'.

**BACKGROUND OF THE NEW PLANT**

The present invention comprises a new and distinct cul-  
tivar of New Guinea *Impatiens*, botanically known as *Impa-  
tiens hawkeri* W. Bull, and hereinafter referred to by the  
cultivar name 'Fisnics Thyst'. The new cultivar originated  
from a hybridization made in the year 2001 in Hillscheid,  
Germany. The female parent was the proprietary New  
Guinea *Impatiens* plant 'K01-8180-1' (unpatented), while  
the male parent was the proprietary New Guinea *Impatiens*  
plant 'K01-8753-17' (unpatented). The seeds produced by  
the hybridization were sown in Galdar, Gran Canaria, Spain  
in the late Fall of 2001. A single plant selection was chosen  
for further evaluation and for asexual propagation in April  
2002 in Galdar, Gran Canaria, Spain.

The new cultivar was created in 2001 in Hillscheid,  
Germany and has been asexually reproduced repeatedly by  
vegetative cuttings and tissue culture in Galdar, Gran  
Canaria, Spain and Hillscheid, Germany over a two-year  
period. 'Fisnics Thyst' has not been observed under all  
possible environmental conditions. The present invention  
has been found to retain its distinctive characteristics  
through successive asexual propagations.

Plant Breeder's Rights for this cultivar were applied for in  
Switzerland on Apr. 28, 2005 and in Canada on Apr. 20,  
2005.

**SUMMARY OF THE INVENTION**

The following are the most outstanding and distinguish-  
ing characteristics of this new cultivar when grown under  
normal horticultural practices in Hillscheid, Germany and in  
Langley, British Columbia, Canada.

1. Lavender flower color;
2. Large, round, almost flat flowers well above the foliage;
3. Uniform, medium green foliage with large leaves;

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4. A medium sized, round and bushy plant habit; and
5. An early to medium flowering response.

**DESCRIPTION OF PHOTOGRAPH**

This new New Guinea *Impatiens* plant is illustrated by the  
accompanying photograph which shows overall plant habit  
including blooms, buds, and foliage of the plant; the colors  
shown are as true as can be reasonably obtained by conven-  
tional photographic procedures. The photograph is of a  
whole plant about 13-to 14-weeks old, grown in a green-  
house in Hillscheid, Germany, in late Spring.

**DESCRIPTION OF THE NEW CULTIVAR**

The following detailed descriptions set forth the distinc-  
tive characteristics of 'Fisnics Thyst'. The data which define  
these characteristics were collected from asexual reproduc-  
tions carried out in Hillscheid, Germany. The plant history  
was taken on 12-week old plants which were planted as  
rooted cuttings in 12-cm pots in late February 2004, and then  
grown in a greenhouse at a minimum temperature of 16° C.  
Color readings were taken under natural light in the green-  
house. Color references are primarily to The R.H.S. Colour  
Chart of The Royal Horticultural Society of London  
(R.H.S.) (2001).

**DETAILED BOTANICAL DESCRIPTION OF  
THE NEW PLANT**

**Classification:**

*Family*.—Balsaminaceae.

*Botanical*.—*Impatiens hawkeri* W. Bull.

*Common name*.—New Guinea *Impatiens*.

**Parentage:**

*Female parent*.—'K01-8180-1' a proprietary purple  
flowered New Guinea *Impatiens* plant (unpatented).

*Male parent*.—'K01-8753-17' a proprietary purple to  
violet flowered New Guinea *Impatiens* plant  
(unpatented).



## Growth:

*Growth and branching habit.*—Medium to large size, round, bushy, and well-branched; the growth is indeterminate, though weak after the beginning of flowering.

*Height.*—14.8 cm.

*Width.*—30.5 cm.

*Propagation.*—Terminal tips for cuttings.

*Time to produce a finished flowering plant.*—9 to 10 weeks for a 12-cm pot.

*Time to initiate and develop roots.*—18 days at 22° C.

## Branches:

*Average number.*—10 to 11.

*Length of branches.*—11 cm to 13 cm.

*Internode length.*—3.0 cm to 5.0 cm.

*Diameter of branches.*—0.7 cm to 0.9 cm.

*Stem color.*—RHS 185A (purple-brown); RHS 187C at tips.

## Leaves:

*Arrangement.*—Primarily in whorls.

*Size.*—Length: 13.4 cm. Width: 4.8 cm.

*Shape.*—Elliptic.

*Margin.*—Slightly serrate, ciliated.

*Apex.*—Acuminate.

*Base.*—Acute.

*Color (mature leaves).*—Upper surface: RHS 137A (intense medium-green). Lower surface: RHS 138B (light-green).

*Color (immature leaves).*—Upper surface: near RHS 137D. Lower surface: RHS 138B (light-green).

*Texture.*—Somewhat glossy, glabrous, smooth or faintly rippled.

*Venation color.*—Upper surface: RHS 53D (pink) at the base of the leaf. Lower surface: RHS 53B (reddish).

*Variation.*—None.

*Petioles.*—Length: 1.8 cm. Diameter: 0.3 cm to 0.4 cm.

Color: Upper surface: RHS 53C (deep pink to red).

Lower surface: RHS 53B (deep pink to red). Texture: Glabrous.

## Flower buds:

*Shape.*—Ovoid.

*Size.*—Length: 2.7 cm. Diameter: 1.8 cm.

*Color.*—RHS N74B (light purple).

## Inflorescence:

*Blooming habit.*—9 to 10 weeks after planting of rooted cuttings.

*Inflorescence type.*—Flowers appear solitary in the leaf axils of the upper nodes of the stems.

*Number of flowers per node.*—6 to 8, in various stages of development.

*Flowering season.*—Continuously, generally indeterminate, mainly from March to October, depending on light intensity.

*Lastingness of individual blooms.*—Up to 14 days (in a greenhouse in the Spring at 18° C.).

*Fragrance.*—None.

*Peduncle.*—Color: RHS 185A (brownish-purple). Size: Length: 6.0 cm. Diameter: 0.15 cm. Texture: Glabrous, flexible.

## Flowers:

*Form of corolla.*—Single-type, 5 petals.

*Shape of corolla.*—Nearly round, with the petals overlapping, almost flat and large.

*Corolla size.*—Length: 8.4 cm. Width: 8.3 cm. Depth: 1.2 cm.

## Petals:

*Shape.*—Cordate, weakly lobed at the top end.

*Apex.*—Emarginate.

*Base.*—Attenuate.

*Margin.*—Entire.

*Petal size.*—Top: Length: 3.9 cm. Width: 6.4 cm.

Lateral: Length: 4.0 cm. Width: 5.0 cm. Lower:

Length: 4.2 cm. Width: 5.2 cm.

*Color.*—General color description: Light violet, fairly uniform, with a small purple eye. Upper surface: RHS N78B, banner petal between RHS N74B and RHS N78. Lower surface: RHS N78B. Eye Zone: Between RHS N74A and RHS N74B (purple), small, almost only at the bases of the lateral petals.

*Petal texture.*—Smooth.

*Aspect.*—Flat.

## Spur:

*Shape.*—Downwardly curved.

*Color.*—RHS 53B (dull red).

*Size.*—Length: 5.5 cm to 6.0 cm. Diameter: 0.3 cm (at the flower end).

## Reproductive organs:

*Stamens.*—Number: 5 fused. Stamen color (upper surface color): RHS 57B (rose-red) or lighter. Anthers: Fused, hooded. Pollen color: RHS 8D (whitish-yellow).

*Pistils.*—Style and stigma: 5, very short, RHS 150D (pale-yellow). Ovary: 5-celled. Ovary length: 0.5 cm. Ovary color: RHS 143A (surface green).

Fruit and seed set: No seed set observed.

Disease and insect resistance: No particular resistance or susceptibility has been observed.

COMPARISON WITH PARENTAL AND  
COMMERCIAL CULTIVARS

‘Fisnics Thyst’ differs from the female parent ‘K01-8180-1’ (unpatented), by having light-violet flowers and medium green foliage, while ‘K01-8180-1’ has purple flowers and dark-green foliage.

‘Fisnics Thyst’ differs from the male parent ‘K01-8753-17’ (unpatented), by having a more bluish tone of flower color and a somewhat taller and better branched plant habit, while ‘K01-8753-17’ has purple to violet flowers in combination with medium green foliage and a compact plant habit.

‘Fisnics Thyst’ differs from the commercial cultivar ‘Fisimp 144’ (U.S. Plant Pat. No. 13,713) by having wider and rounder flowers of similar color, but with a more distinct eye, somewhat smaller leaves and a somewhat earlier flowering response than ‘Fisimp 144’.

‘Fisnics Thyst’ differs from cultivar ‘Fisimp 113’ (U.S. Plant Pat. No. 13,695) by having medium green leaves and a somewhat more bluish general flower color than ‘Fisimp 113’. Additionally, ‘Fisnics Thyst’ has a more compact plant habit, while ‘Fisimp 113’ develops tall plants.

## I claim:

1. A new and distinct cultivar of New Guinea *Impatiens* plant as shown and described herein.

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