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**Danziger**

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(54) **NEW GUINEA IMPATIENS PLANT NAMED  
'DANHARLTPK'**

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patent is extended or adjusted under 35  
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(56) **References Cited**

**U.S. PATENT DOCUMENTS**

P.P. 6,682 \* 3/1989 Kientzler ..... Plt./318

\* cited by examiner

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(57) **ABSTRACT**

A new and distinct cultivar of Impatiens plant named  
'Danharltpk' characterized by having large, round, light-  
pink flowers borne above the foliage, vigorous branching,  
dark green foliage, and compact growth habit.

**1 Drawing Sheet**

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**BACKGROUND OF THE INVENTION**

The present invention comprises a new and distinct cul-  
tivar of New Guinea Impatiens plant, botanically known as  
Impatiens, and hereinafter referred to by the cultivar name  
'Danharltpk'.

'Danharltpk' is a product of a planned breeding program  
and was originated from a hybridization made by the inven-  
tor, Gabriel Danziger, in a controlled breeding program in  
Mishmar Hashiva, Israel, in 1996. The female parent was an  
Impatiens cultivar designated O-381. The male parent was an  
Impatiens cultivar designated E-368. Both parents are  
proprietary cultivars used in the breeding program.

'Danharltpk' was discovered and selected as a flowering  
plant within the progeny of the stated cross by the inventor,  
Gabriel Danziger, in 1997 in a controlled environment in  
Mishmar Hashiva, Israel.

The first act of asexual reproduction of 'Danharltpk' was  
accomplished when vegetative cuttings were taken from the  
initial selection in 1997 in a controlled environment in  
Mishmar Hashiva, Israel by Gabriel Danziger. The cuttings  
are apical cuttings. No more than two expanded leaves and  
3-4 immature leaves are evident. Horticultural examination  
of plants grown from these cuttings in Mishmar Hashiva,  
Israel, has demonstrated that the combination of character-  
istics as herein disclosed for the new cultivar are firmly fixed  
and retained through successive generations of asexual  
reproduction.

**BRIEF DESCRIPTION OF THE INVENTION**

The following traits have been repeatedly observed and  
are determined to be basic characteristics of 'Danharltpk'  
which in combination distinguish this Impatiens as a new  
and distinct cultivar:

1. Large, round light-pink flowers borne above the foli-  
age;
2. Vigorous branching;
3. Dark green foliage; and
4. Compact growth habit.

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'Danharltpk' has not been observed under all possible  
environmental conditions. The phenotype of the new culti-  
var may vary significantly with variations in environment  
such as temperature, light intensity, and daylength without  
any change in the genotype of the plant. The following  
observations, measurements and values describe the new  
cultivar as grown in Mishmar Hashiva, Israel under green-  
house conditions which closely approximate those generally  
used in commercial practice.

**BRIEF DESCRIPTION OF THE DRAWING**

The accompanying color photographic drawing shows  
typical flower and foliage characteristics of 'Danharltpk',  
with colors being as true as possible with illustrations of this  
type.

**DETAILED BOTANICAL DESCRIPTION**

The measurements were taken in Mishmar Hashiva,  
Israel, and are based on plants grown from rooted cuttings  
in a net-covered greenhouse at temperatures of 30° C.  
maximum and 18° C. minimum. In the following  
description, color references are made to The Royal Horti-  
cultural Society Colour Chart (R.H.S.), except where gen-  
eral colors of ordinary significance are used.

Species: *Impatiens hawkeri*.

Classification:

*Botanical*.—A hybrid of the genus Impatiens.

*Commercial*.—New Guinea Impatiens, cv. 'Danhar-  
ltpk'.

Plant:

*General appearance and form*.—Height: 15-20 cm.  
Width: 25-30 cm. Habit: Plant shape is round and  
compact. Flowering response: 8-9 weeks after plant-  
ing of rooted cuttings. Flowering season: Through-  
out the entire year the instant plant is an annual plant,  
propagated in partially shaded areas in temperatures  
of 10 C -25 C degrees. Lasting quality of bloom:  
Open during the lifetime of the plant; lasting quality  
of individual bloom ranges from 5-10 days after

anthesis. Propagation: Leaf-cutting. Rooting: Vigorous, roots initiate in 7–8 days at 25° C. and 8–9 days at 20° C. Stem: Length is 20–25 cm, diameter is 1 cm, internode length is 3–4 cm. Stem Color: RHS 146 B. Spur Color: RHS 181 A. Fragrance: Flowers have no fragrance.

*Foliage*.—Shape of leaf: Lanceolate; base is a acuminate, tip is attenuate. Margin: Shallowly serrated, ciliated. Texture: Smooth without pubescence. Length of Leaf 9.5–10 cm. Width of leaf: 3.5–4 cm. Main color on upper surface: Mature leaf: RHS 139 A. Immature leaf: RHS 143 B. Main color on lower surface: Mature leaf: RHS 139 C. Immature leaf: RHS 143 C. Veination: Upper surface: Red veination RHS 42D. Lower surface: Red veination RHS 42D.

Inflorescence:

*Corolla*.—Form: 5 petals per flower. Shape: Round. Average number: 20–25 blooms at once per mature plant (four months old). Size: 5.5–6 cm. Petal number: 5. Petal shape: 4 are heart-shaped, the dorsal petals are free, the lateral petals are fused in pairs, the

dorsal petal is wider than the lateral petals and is also heart-shaped. Petal color: Upper surface: In summer when opening, petals are RHS 55 C, fading to RHS 65 D. Lower surface: RHS 56 A. Central Flower “Eye” Color: 73 A.

*Bud*.—Color: 73 A. Response: 6–7 weeks after planting of rooted cuttings. Size before opening: 2–2.5 cm. Aspect: Stands above pedicel and has a spur 4 cm long. Pedicel length: 3.5–4 cm. Pedicel color: 181 A.

*Reproductive organs*.—Stamens: 1. Anthers: Round, red in color. Pollen: White. Stigma: Round, nearly white in color. Style: Green in color. Ovary: Four-celled, 1 mm in length, green in color.

Disease resistance: This variety is not distinctively resistant or susceptible to plant disease.

Fruits and seeds: Fruit is an explosive capsule. Seeds are smooth, 1 mm wide, 2–3 mm length, elliptic shape.

I claim:

1. A new and distinct cultivar of Impatiens plant named ‘Danharltpk’, as illustrated and described herein.

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