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(12) United States Plant Patent
Danziger**(10) Patent No.: US PP16,011 P2**
(45) Date of Patent: Sep. 27, 2005(54) **TORENIA PLANT NAMED 'DANTOPINKMN'**PP12,105 P2 * 9/2001 Miyazaki Plt./263
2004/0128722 P1 * 7/2004 Iwaki Plt./263
2004/0194181 P1 * 9/2004 Iwaki Plt./263(50) Latin Name: *Torenia* sp.
Varietal Denomination: **Dantopinkmn**(75) Inventor: **Gabriel Danziger**, Moshav Nir-Zvi (IL)(73) Assignee: **Danziger "Dan" Flower Farm**, Post
Beit Dagan (IL)(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 7 days.(21) Appl. No.: **10/929,420**(22) Filed: **Aug. 31, 2004**(51) **Int. Cl.**⁷ **A01H 5/00**(52) **U.S. Cl.** **Plt./263**(58) **Field of Search** **Plt./263**(56) **References Cited****U.S. PATENT DOCUMENTS**PP11,512 P * 9/2000 Danziger Plt./263
PP11,784 P2 * 2/2001 Danziger Plt./263**OTHER PUBLICATIONS**UPOV ROM Computer Database, GTI Jouve Retrieval
Software 2004/06 Citation(s) for 'Dantopinkmn'.*

* cited by examiner

Primary Examiner—Anne Marie Grunberg*Assistant Examiner*—W. C. Haas(74) *Attorney, Agent, or Firm*—Foley & Lardner, LLP(57) **ABSTRACT**A new and distinct *Torenia* plant named 'Dantopinkmn'
particularly characterized by having shiny green foliage,
dotted with plenty of delicate, funnel form, cup shaped
flowers in shades of pale and dark purple; bush, cascading,
rounded and compact growth habit and densely branched;
vigorous growth; early flowering, flowers all year round in
moderate climate; suitable for use as an annual for hanging
pots outdoors under partial shade; and good weather toler-
ance with preferred temperature range of 15–25° C.**2 Drawing Sheets****1**Botanical designation: *Torenia* sp.
Variety denomination: 'Dantopinkmn'.**BACKGROUND OF THE INVENTION**The present invention relates to a new and distinct cultivar
of *Torenia* plant of the Scrophulariaceae family, hereinafter
referred to by the cultivar name 'Dantopinkmn'.The new cultivar originated in a controlled breeding
program in Moshav Mishmar Hashiva, Israel. 'Dan-
topinkmn' was discovered and selected by the inventor,
Gabriel Danziger, as an induced shoot mutation on a single
flowering plant of the cultivar 'Dantopkmn', grown in a
controlled, cultivated environment in Moshav Mishmar
Hashiva Israel.'Dantopinkmn' is an induced mutant of the cultivar *Tore-*
nia 'Dantopkmn', commercially known as *Torenia* 'Pink
Moon' (U.S. Plant Pat. No. 11,512), *Torenia* hybrid. The
mutation arose by radiation, as a side shoot, stabilized by
removing the cutting from the mutated sector of the treated
plant.Asexual reproduction of the new cultivar by soft tip
cuttings was first performed in September, 2002 in Moshav
Mishmar Hashiva, Israel and has demonstrated that the
combination of characteristics as herein disclosed for the
new cultivar are firmly fixed and retained through successive
generations of asexual reproduction. The new cultivar repro-
duces true to type.**BRIEF DESCRIPTION OF THE INVENTION**The following traits have been repeatedly observed and
are determined to be basic characteristics of 'Dantopinkmn'**2**which in combination distinguish this *Torenia* as a new and
distinct cultivar:

1. Shiny green foliage, dotted with plenty of delicate,
funnel form, cup shaped flowers in shades of pale and
dark purple;
2. Bush, cascading, rounded and compact growth habit
and densely branched; vigorous growth;
3. Early flowering, flowers all year round in moderate
climate;
4. Suitable for use as an annual for hanging pots outdoors
under partial shade; and
5. Good weather tolerance with preferred temperature
range of 15–25° C.

Of the many commercial cultivars known to the inventor,
the most similar in comparison to 'Dantopinkmn' is *Torenia*
'Pink Moon' ('Dantopkmn'). Table 1 is a comparison of the
two cultivars.**TABLE 1**

Characteristic	'Dantopinkmn'	<i>Torenia</i> 'Pink Moon' ('Dantopkmn')
Flower color	Pale purple & dark purple	Pale purple & purple
Flower size (inches) (width by length)	1.4 × 1.6	1.4 × 1.4
Growth habit	Bush cascading	Cascading
Flowering time	9 weeks from planting	10 weeks from planting

'Dantopinkmn' has not been observed under all possible
environmental conditions. The phenotype of the new culti-
var may vary with variations in environment such as
temperature, light intensity, and day length without any

change in the genotype of the plant. The following observations, measurements and values describe the new cultivar as grown in Moshav Mishmar Hashiva, Israel under conditions, which closely approximate those generally used in commercial practice.

BRIEF DESCRIPTION OF THE DRAWING

The accompanying color photographs show typical flower and foliage characteristics of 'Dantopinkmn', with the colors being as true as possible with illustrations of this type.

The first photograph shows a flowering plant of 'Dantopinkmn' in its entirety.

The second photograph shows a close-up of 'Dantopinkmn'.

DETAILED BOTANICAL DESCRIPTION

The following observations, measurements and values describe the new cultivar as grown in Moshav Mishmar Hashiva, Israel, under conditions which closely approximate those generally used in commercial practice. For use as a pot plant, optimal growth conditions include growth outdoors in moderate climate, and indoors during winter. Irrigation and fertilization on a regular basis. The plant is usually grown in full sunlight, but partial shade is required in mid summer. Plants are fully grown in three months from planting a cutting, and bloom all year round in moderate climate. Color references are made to The Royal Horticultural Society Colour Chart (R.H.S.), except where general colors of ordinary significance are used. Color values were taken under daylight conditions at approximately noon in Moshav Mishmar Hashiva, Israel in June 2002. The age of the plant described is three months.

Propagation: Tissue culture propagation of young, in vitro plantlets and soft tip cuttings.

Plant:

Form.—Bush, cascading.

Growth habit.—Rounded and compact.

Height.—6 inches.

Spread.—20 inches.

Blooming period.—All year round in moderate climate.

Cold tolerance.—Frost tender; plants may be damaged by temperatures below 5° C.

Vigor.—Plants are fully grown in 3 months from planting a cutting.

Stem:

Color.—Yellow-Green RHS 146-B.

Length.—25 cm maximum length.

Diameter.—0.1 inch.

Pubescence.—Minimal; stem is quadrangular, hairs on the edges especially.

Branching.—About 20 main branches from the base that split into secondary and tertiary branches.

Length of internodes.—1.5 inches.

Foliage:

Overall shape.—Deltoid. Base: Cordate. Tip: Acuminate. Margin: Serrate.

Color.—Center color of leaf: Yellow-Green RHS 147-A. Upper side: Yellow-Green RHS 147-A. Under side: Yellow-Green RHS 146-A.

Size of leaf.—Width: 1.2 inches. Length: 1.7 inches.

Petioles.—Length, about 1.1 cm; Diameter, about 2 mm; Yellow-Green RHS 147-A.

Leaf texture.—Convex.

Venation.—Not prominent.

Flowers:

Blooming period.—Year round in moderate climate.

Flowering stem.—Flowers appear along the growing stems.

Orientation at opening.—Slanted upward.

Type.—Single.

Shape.—Funnel form.

Petals.—Size: 1.4 inches (width)×1.6 inches (length).

Shape: Corolla tube cylindrical or often broadened above, 2-lipped, the upper lip faintly 2-lobed, the lower lip 3-lobed. Color: The upper lip pale purple, lower lip has purple blotches surrounding the corolla. Mature upper side: A mixture of RHS 76 D, RHS N 81 A, RHS N 80 B, RHS N 80 A. Mature under side: A mixture of RHS 76 D, RHS N 80 B, RHS N 80 C. Mature margin: A mixture of RHS 76 D, RHS N 81 A, RHS N 80 B. Mature throat: A mixture of RHS N 80 B. Immature upper side: A mixture of RHS 76 D, RHS 77 A and RHS N80A. Immature under side: A mixture of RHS 76 C, RHS N80 B and RHS N80 A. Immature margins: A mixture of RHS 76 D and RHS N81 A. Immature throat: RHS N 80 A.

Peduncle.—Length: 1.2 cm. Diameter: About 2 mm.

Texture: Smooth. Color: Yellow-Green RHS 144-A.

Bud.—Shape: Oblong cylindrical ellipsoid 5 winged.

Size: Length: 1 inch. Diameter: 0.4 inch. Color: RHS 144-A and RHS N 80 C.

Reproductive organs:

Stamen.—2 pairs; purple RHS 76 D.

Style.—Purple RHS 76 C in color; about 1.8 cm in length.

Anther.—Purple RHS 76 D in color; about 3 mm in length.

Filament.—Purple RHS 76 D.

Ovaries.—1, green RHS 143-A.

Pollen color.—RHS N155 C.

Pistil.—1 per flower; about 2.5 cm in length.

Stigma.—Shape: 2 lobes, deltoid. Color: RHS 76 B.

Seed/fruit: None.

Pest/disease resistance and/or susceptibility: A standard preventative spray program is sufficient as no susceptibility was observed.

I claim:

1. A new and distinct *Torenia* plant named 'Dantopinkmn', as illustrated and described herein.

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