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(12) **United States Plant Patent**  
**Danziger**

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(54) **PETUNIA PLANT NAMED ‘DANCASBIF1’**

(50) Latin Name: *Petunia sensu Wijsman*  
Varietal Denomination: **DANCASBIF1**

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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 0 days.

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(51) **Int. Cl.**  
**A01H 5/00** (2006.01)

(52) **U.S. Cl.** ..... **Plt./356**

(58) **Field of Classification Search** ..... **Plt./356**  
See application file for complete search history.

*Primary Examiner*—Annette H Para

(57) **ABSTRACT**

A new and distinct *Petunia* cultivar named ‘DANCASBIF1’ is disclosed, characterized by purple and white bi color flowers, cascading plant habit, and good tolerance to a variety of weather conditions. Additionally, ‘DANCASBIF1’ has an exceptionally long blooming season and produces highly floriferous plants. The new variety is a *Petunia*, normally produced as an outdoor garden or container plant.

**2 Drawing Sheets**

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Latin name of the genus and species: *Petunia sensu Wijsman*.

Variety denomination: ‘DANCASBIF1’.

**BACKGROUND OF THE INVENTION**

The new *Petunia* cultivar is a product of a planned breeding program conducted by the inventor, Gabriel Danziger, in Moshav Mishmar Hashiva, Israel. The objective of the breeding program was to produce new *Petunia* varieties for commercial applications. The seed parent is the unpatented, proprietary seedling variety referred to as *Petunia sensu Wijsman* ‘CV-6217.’ The pollen parent is the unpatented, proprietary seedling variety referred to as *Petunia sensu Wijsman* ‘CV-144.’ The new variety was discovered in Spring 2002 by the inventor in a group of seedlings resulting from that crossing, in a commercial greenhouse in Moshav Mishmar Hashiva, Israel.

Asexual reproduction of the new cultivar ‘DANCASBIF1’ by vegetative cuttings was first performed at a commercial greenhouse in Moshav Mishmar Hashiva, Israel in September 2002 and has shown that the unique features of this cultivar are stable and reproduced true to type in successive generations.

**SUMMARY OF THE INVENTION**

The cultivar ‘DANCASBIF1’ has not been observed under all possible environmental conditions. The phenotype may vary somewhat with variations in environment such as temperature, day length, and light intensity, without, however, any variance in genotype.

The following traits have been repeatedly observed and are determined to be the unique characteristics of ‘DANCASBIF1’ These characteristics in combination distinguish ‘DANCASBIF1’ as a new and distinct *Petunia* cultivar:

1. Unique purple and white flower color.
2. Highly floriferous.
3. Long blooming season.

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4. Good tolerance to a variety of weather conditions.
5. Suitability for outdoor containers and garden situations.
6. Cascading growth habit.

Plants of the ‘DANCASBIF1’ are similar to plants of the seed parent, *Petunia sensu Wijsman* ‘CV 6217’ in most horticultural characteristics, however, plants of the new cultivar ‘DANCASBIF1’ are less trailing in habit, and have a different bi color flower.

Plants of the new cultivar ‘DANCASBIF1’ are similar to plants of the parent, *Petunia sensu Wijsman* ‘CV-144’ in most horticultural characteristics, however, plants of the new cultivar ‘DANCASBIF1’ are less trailing in habit and also have a different bi color flower.

Plants of the new cultivar ‘DANCASBIF1’ are similar to plants of the commercial variety ‘DANCASBIPAS,’ U.S. Pat. No. 16,386 in most horticultural characteristics, however, plants of the new cultivar ‘DANCASBIF1’ differ from ‘DANCASBIPAS’ in having a darker purple bi-color flower.

**BRIEF DESCRIPTION OF THE PHOTOGRAPH**

The accompanying photograph in FIG. 1 illustrates in full color a typical plant of ‘DANCASBIF1’ grown in a greenhouse, in a 16 cm basket. Age of the plant photographed is approximately 3 months from a rooted cutting.

FIG. 2 illustrates in full color a close up of a typical bloom of ‘DANCASBIF1.’

The photographs were taken using conventional techniques and although colors may appear different from actual colors due to light reflectance it is as accurate as possible by conventional photographic techniques.

**DETAILED BOTANICAL DESCRIPTION**

In the following description, color references are made to The Royal Horticultural Society Colour Chart except where general terms of ordinary dictionary significance are used. The following observations and measurements describe ‘DANCASBIF1’ plants grown in a greenhouse in Moshav Mishmar Hashiva, Israel. The growing temperature ranged



from 18° C. to 24° C. The greenhouse is subject to partial shade. General light conditions are bright, normal sunlight, with some shade during the brightest part of the day. Measurements and numerical values represent averages of typical plant types.

Botanical classification: *Petunia sensu Wijsman* cultivar 'DANCASBIF1'.

#### PROPAGATION

Time to Initiate Roots: About 7 days at approximately 25° C.  
Time to Develop Roots: About 14–21 days at approximately 25° C.

Root Description: Fine, fibrous.

#### PLANT

Growth Habit: Spreading annual.

Pot size of plant described: 12 cm.

Age of Plant Described: Approximately 90 days from a rooted cutting.

Height:

*To top of flowers.*—Approximately 15–20 cm.

Plant Spread: Approximately 30 cm.

Growth Rate: Moderate.

Branching Characteristics: Very well-branched. Branches from base of plant.

Length of Primary Lateral Branches: Approximately 50 cm.

Diameter of Lateral Branches: Approximately 0.5 cm.

Characteristics of Primary Lateral Branches:

*Form.*—Cylindrical.

*Color.*—Near RHS Yellow-Green 144A.

*Texture.*—Smooth.

Internode length.—Approximately 1–1.5 cm.

#### FOLIAGE

Leaf:

*Arrangement.*—Alternate.

*Quantity.*—Approximately 180 per branch.

*Average length.*—Approximately 7.5 cm.

*Average width.*—Approximately 2.5 cm.

*Shape of blade.*—Elliptic.

*Apex.*—Obtuse.

*Base.*—Acute.

*Margin.*—Entire.

*Texture of top surface.*—Lustrous.

*Aspect.*—Slanted upward 60°.

*Color.*—Young foliage upper side. Near RHS Yellow-Green 146A. Young foliage under side. Near RHS Yellow-Green 146A. Mature foliage upper side: Near RHS Yellow-Green 147A. Mature foliage under side: Near RHS Yellow-Green 146A.

*Venation.*—Type: Pinnate. Venation color upper side. Near RHS Yellow-Green 144C. Venation color under side. Near RHS Yellow-Green 144C.

*Petiole.*—Length: 1 cm. Diameter: 0.4 cm. Color: Near RHS Yellow-Green 144C.

#### FLOWER

Natural flowering season: Freely flowering all year in Moshav Mishmar Hashiva Israel. Begins flowering approximately 55 days after planting a rooted cutting.

Inflorescence and flower type and habit: Salverform, single with fused petals.

Rate of flower opening: Approximately 4 to 5 days from bud to fully opened flower.

Flower Longevity on Plant: Individual flowers last 4 to 5 days on the plant.

Flower size:

*Diameter.*—Approximately 3.5 cm to 5 cm.

*Length.*—Approximately 2.0 cm.

*Flower tube diameter at distal end.*—Approximately 1 cm.

*Flower tube diameter at proximal end.*—Approximately 0.1 cm.

Petals:

*Length from throat.*—About 4.5 cm.

*Width.*—About 1 cm.

*Quantity.*—5, fused.

*Texture.*—Glabrous.

*Apex.*—Truncate.

*Margin.*—Entire.

Color:

*When opening.*—Upper surface: Near RHS Red-Purple 71A and White 155C. Lower surface: Near RHS Red-Purple N74C and White 155C.

*Fully opened.*—Upper surface: Near RHS Red-Purple 61A. Lower surface: Near RHS Red-Purple N74C and White 155C. Flower throat (inside): Near RHS Green-Yellow 1D. Flower throat, vein: Near RHS Purple 79A. Flower tube (outside). Near RHS Green-Yellow 1D. Flower tube, vein: Near RHS Red-Purple 59B. Petal color, fading to: Near RHS Red-Purple 61D.

Bud:

*Shape.*—Flanged.

*Length.*—Approximately 0.35 cm.

*Diameter.*—Approximately 0.1 cm.

*Color.*—Near RHS Red-Purple 61A.

Calyx/Sepals:

*Quantity per flower.*—5, fused at base.

*Shape.*—Oblanceolate.

*Length.*—Approximately 1 cm.

*Width.*—Approximately 0.1 cm.

*Apex.*—Obtuse.

*Base.*—Fused.

*Margin.*—Entire.

*Texture.*—Pubescent.

*Color.*—Upper Surface: Near RHS Green 137A. Lower Surface: Near RHS Green 137B.

Peduncle:

*Length.*—Approximately 1.5 cm.

*Diameter.*—Approximately 0.1 cm.

*Color.*—Near RHS Green 137B.

*Orientation.*—Upright.

Fragrance: None.

#### REPRODUCTIVE ORGANS

Stamens:

*Number.*—5.

*Filament length.*—Approximately 1.5 cm.

Anthers:

*Length.*—Approximately 0.1 cm.

*Shape.*—Basifixed.

*Color.*—Near RHS Yellow 2C.

*Pollen.*—Color: Near RHS White 155A. Quantity: Abundant.

Pistil:

*Number.*—1.

*Length.*—Approximately 1.5 cm.

*Style.*—Length: Approximately 0.1 cm. Color: Near RHS Yellow-Green 146C.

*Stigma.*—Shape: Oval. Color: Near RHS Yellow-Green 146C. Ovary Color: Near RHS Yellow-Green 146C.

OTHER CHARACTERISTICS

Seeds and fruits: Not observed and not commercially important.  
Disease/pest resistance: Neither resistance nor susceptibility to pathogens and pests common to *Petunia* have been observed.

Temperature tolerance: The new variety tolerates temperatures between 8 to 35° C.  
What is claimed is:  
1. A new and distinct cultivar of *Petunia* plant named ‘DANCASBIF1’ as herein illustrated and described.

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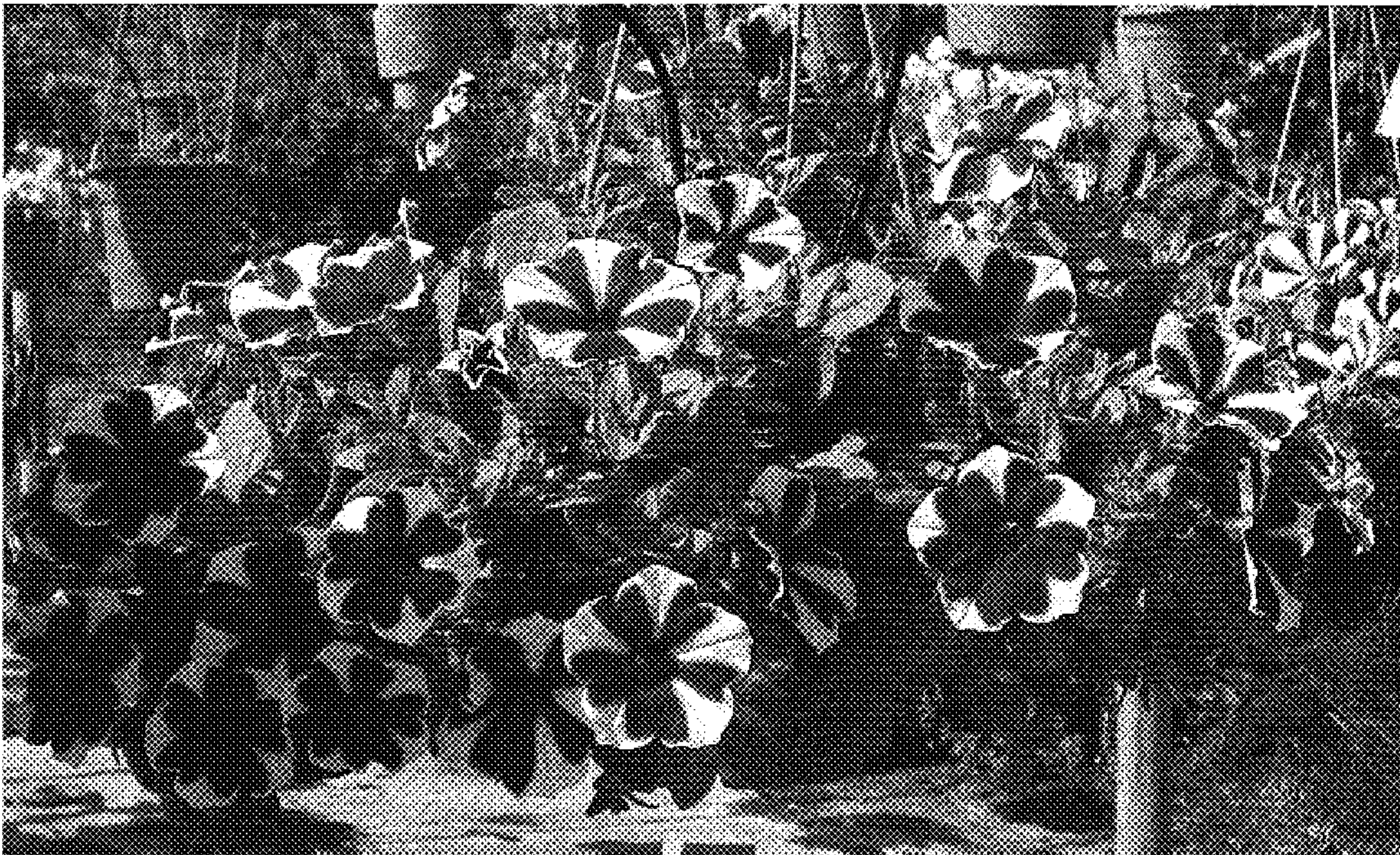


Fig. 1



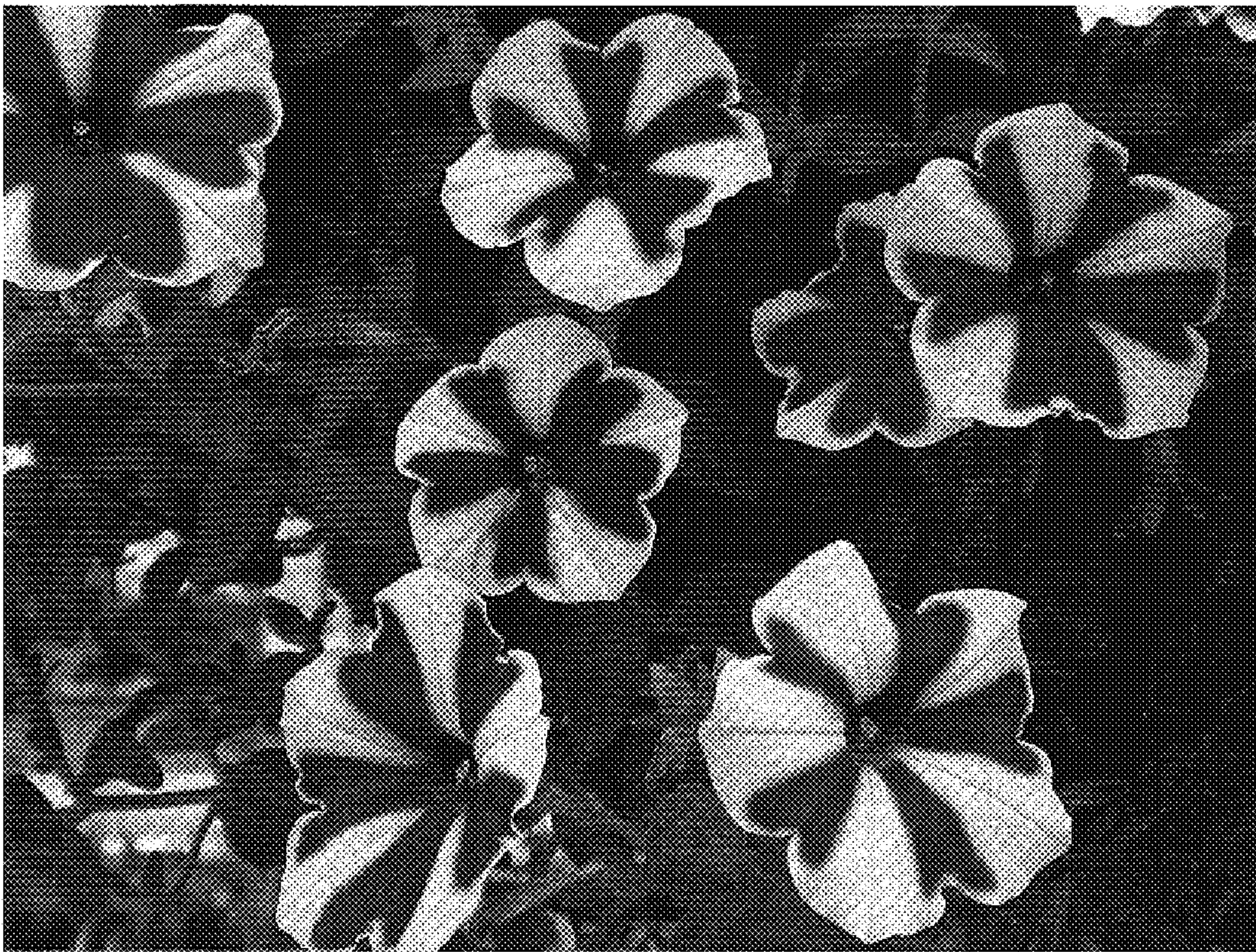


Fig. 2