



US00PP16543P2

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

(10) **Patent No.:** **US PP16,543 P2**
(45) **Date of Patent:** **May 16, 2006**

(54) **PETUNIA PLANT NAMED 'BALSUNDALAV'**

(50) Latin Name: *Petunia hybrida*
Varietal Denomination: **Balsundalav**

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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 68 days.

(21) Appl. No.: **11/017,176**

(22) Filed: **Dec. 20, 2004**

(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.

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(57) **ABSTRACT**

A new and distinct *Petunia* plant named 'Balsundalav'
characterized by its single type purple-colored flowers with
dark purple venation, dark green-colored leaves, and
vigorous, mounded, and trailing growth habit.

1 Drawing Sheet

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Latin name of the genus and species of plant claimed:
Petunia hybrida.

Variety denomination: 'Balsundalav'.

BACKGROUND OF THE INVENTION

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

The new cultivar originated in a controlled breeding
program during February 2001 at Arroyo Grande, Calif. The
objective of the breeding program was the development of
Petunia cultivars with single type flowers of unique colors
and vigorous, mounded, and trailing growth habits.

The female (seed) parent of 'Balsundalav' was the pro-
prietary *Petunia*×*hybrida* breeding selection designated
570-3, not patented, which exhibits a trailing habit and
single type bright pink-colored flowers. The male (pollen)
parent of 'Balsundalav' was the proprietary *Petunia*×
hybrida breeding selection designated 547-6, not patented,
which exhibits a trailing habit and plum-colored flowers.
The new cultivar was discovered and selected by the inven-
tor as a single flowering plant within the progeny of the
above stated cross-pollination during August 2001.

Asexual reproduction of the new cultivar by terminal stem
cuttings since August 2001 at Arroyo Grande, Calif. and
West Chicago, Ill., has demonstrated that the new cultivar
reproduces true to type with all the characteristics, as herein
described, firmly fixed and retained through successive
generations of such asexual propagation.

SUMMARY OF THE INVENTION

The following characteristics of the new cultivar have
been repeatedly observed and can be used to distinguish
'Balsundalav' as a new and distinct cultivar of *Petunia* plant:

- 1 Single purple-colored flowers with distinct dark purple
venation.
- 2 Dark green-colored foliage.
- 3 Freely branching character.
- 4 Vigorous, mounded, and trailing growth habit.

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Plants of the new cultivar differ from plants of the female
parent primarily in flower color and growth habit and from
the male parent primarily in flower color and growth habit.

Of the many *Petunia* cultivars known to the inventor, the
most similar to the new cultivar is the cultivar Kakegawa
S57, U.S. Plant Pat. No. 14,007. However, in side-by-side
comparisons, flowers of the new cultivar differ from plants
of 'Kakegawa S57' in the following characteristics:

1. The flowers of the new cultivar are darker in color than
the flowers of 'Kakegawa S57'.
2. The plants of the new cultivar have smaller leaves than
the plants of 'Kakegawa S57'.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

The accompanying photographs show, as nearly true as it
is reasonably possible to make the same in color illustrations
of this type, typical flower and foliage characteristics of the
new cultivar. Colors in the photographs differ slightly from
the color values cited in the detailed description, which
accurately describes the colors of 'Balsundalav'. The plants
were grown in 10 cm pots for 12 weeks in a greenhouse at
West Chicago, Ill.

FIG. 1 illustrates a side view of the overall growth and
flowering habit of 'Balsundalav'.

FIG. 2 illustrates a close-up view of a single flower of
'Balsundalav'.

DETAILED BOTANICAL DESCRIPTION

The new cultivar has not been observed under all possible
environmental conditions to date. Accordingly, it is possible
that the phenotype may vary somewhat with variations in the
environment, such as temperature, light intensity, and day
length without, however, any variation in genotype.

The chart used in the identification of colors described
herein is the R.H.S. Colour Chart of The Royal Horticultural
Society, London, England, 2001 edition, except where gen-
eral color terms of ordinary significance are used. The color
values were determined on Oct. 15, 2004 between 1:00 and
3:00 p.m. under natural daylight conditions.

The following descriptions and measurements describe plants produced from cuttings taken from stock plants and grown in a double polycarbonate-covered greenhouse under conditions comparable to those used in commercial practice. The plants were grown in 10 cm pots for 12 weeks utilizing a soil-less growth medium. Greenhouse temperatures were maintained at approximately 55°–75° F. (13°–24° C.) during the day and approximately 50°–60° F. (10°–16° C.) during the night. Greenhouse light levels were maintained at approximately 5,000–8,000 footcandles during the day.

Botanical classification: *Petunia*×*hybrida* cultivar Balsundalav.

Parentage:

Female (seed) parent.—Proprietary *Petunia*×*hybrida* breeding selection designated 570-3, not patented.

Male (pollen) parent.—Proprietary *Petunia*×*hybrida* breeding selection designated 547-6, not patented.

Propagation:

Type cutting.—Terminal stem.

Time to initiate roots.—Approximately 6 to 9 days.

Time to produce a rooted cutting.—Approximately 21 to 30 days.

Root description.—Fibrous.

Rooting habit.—Freely branching.

Plant description:

Crop time.—Approximately 6 to 8 weeks are required to produce a finished plant from rooted cuttings.

Habit of growth.—Vigorous and freely branching. Pinching improves basal branching.

Form.—Initially upright, becoming mounded and cascading as it matures.

Size.—Height from soil level to top of plant plane: Approximately 15 cm from top of soil to top of plant plane. Diameter (area of spread) — Approximately 30 cm.

Lateral branches.—Quantity: An average of 3 branches per plant develop after pinching. Strength: Strong. Length: Approximately 22 cm. Diameter: Approximately 2.4 mm. Texture: Villous. Color: 144A. Internode length at the middle of the branch: Approximately 2.5 cm.

Foliage.—Quantity per lateral branch: Approximately 24. Type: Simple. Arrangement: Opposite. Angle to stem: Right angle. Shape: Ovate. Margin: Entire. Apex: Acute. Base: Obtuse. Venation pattern: Pinnate. Leaf length: Approximately 3 cm. Leaf width: Approximately 2.5 cm. Texture: Upper and lower surfaces: Dense, stipulate glandular. Color of upper surface of mature foliage: Closest to 137A with venation closest to 145B. Color of lower surface of mature foliage: Closest to 147C with venation closest to 145B. Petiole length: Approximately 5.4 mm. Petiole diameter: Approximately 2.5 mm. Petiole texture: Villous. Petiole color: Closest to 145B.

Flowering description:

Flowering habit.—Freely flowering under outdoor growing conditions with substantially continuous blooming from spring through autumn and year round in greenhouse environment.

Quantity of flowers.—Approximately 11 fully open flowers per plant.

Lastingness of individual bloom.—Approximately 4–5 days.

Flower description:

Type.—Single, solitary, salverform, indeterminate and persistent. Fragrance: Pungent.

Size.—Length (height): Approximately 5 cm. Diameter: Approximately 5.9 cm.

Flower bud.—Rate of opening: Generally takes bud 2–3 days to progress from first color to fully open flower. Shape: Oblong. Length at first color: Approximately 4 cm. Diameter at tip at first color: Approximately 1.7 cm. Diameter at base at first color: Approximately 5 mm. Texture: Villous. Color: 86B.

Corolla.—Approximately 5 petals fused to form corolla tube. Petal shape: Obovate. Petal apex: Rounded. Petal margin: Entire. Petal length from throat: 2.7 cm. Petal width at widest point: 3.2 cm. Petal texture: Glabrous. Color of upper surface when first open: Closest to N80A with venation of 77A. Color of upper surface when fully open: N80B with venation of 77A. Color of lower surface when first open: N82B with venation of N82A. Color of lower surface when fully open: N82C with venation of N82B.

Corolla tube.—Length: Approximately 2.5 cm. Diameter at distal end: Approximately 1.1 cm. Diameter at proximal end: Approximately 3 mm. Texture: Outer surface: Villous. Inner surface: Glabrous. Color of outer surface: 79C with venation of 79A. Color of inner surface: N80B with venation of 79A.

Peduncle.—Strength: Strong. Angle to the stem: Acute. Length: Approximately 2.3 cm. Diameter: Approximately 1.8 mm. Texture: Villous. Color: Closest to 143B.

Calyx.—Formed by five, non-imbricate sepals, fused at base. Sepal shape: Linear. Sepal apex: Obtuse. Sepal margin: Entire. Length: Approximately 1.5 cm. Width: Approximately 3 mm. Texture of both surfaces: Villous. Color of upper surface: 146A. Color of lower surface: 146B.

Reproductive organs.—Stamen quantity: Approximately 5. Stamen length: Approximately 2 cm. Filament length: Approximately 1.8 cm. Filament color: N82D. Anther shape: Oval, bi-lobed. Anther length: Approximately 2 mm. Anther color: N187D. Pollen amount: Abundant. Pollen color: Lighter than 94D. Pistil quantity: 1 per flower. Pistil length: Approximately 2.2 cm. Stigma shape: Funnel. Stigma length: Approximately 3 mm. Stigma color: 79C. Style length: Approximately 1.6 cm. Style color: 144C. Ovary size: Approximately 3 mm. Ovary color: 143A.

Seed and fruit production: Neither seed nor fruit production has been observed.

Disease and pest resistance: Resistance to pathogens and pests common to *Petunias* has not been observed.

What is claimed is:

1. A new and distinct cultivar of *Petunia* plant named 'Balsundalav,' substantially as herein shown and described.

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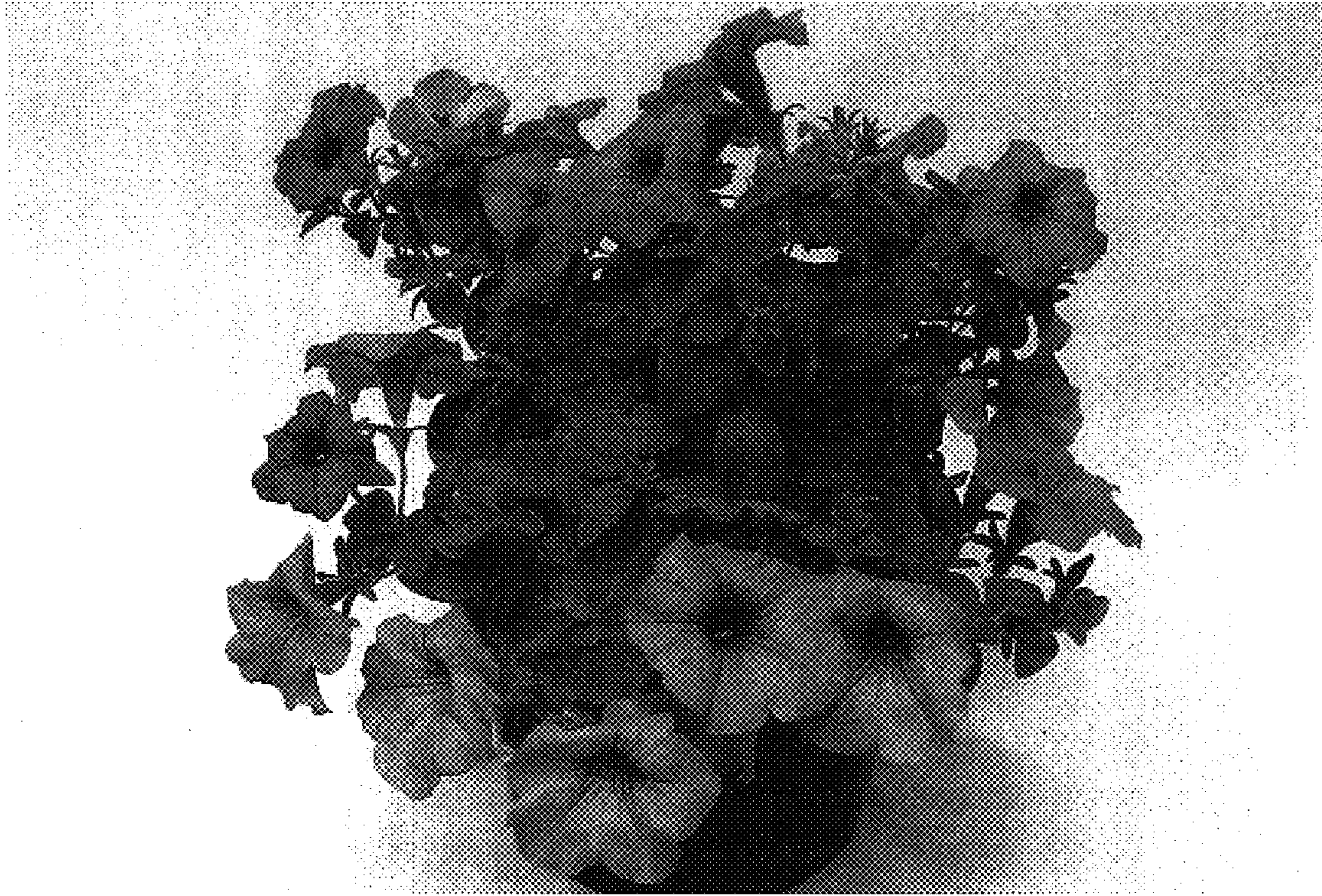


FIG. 1

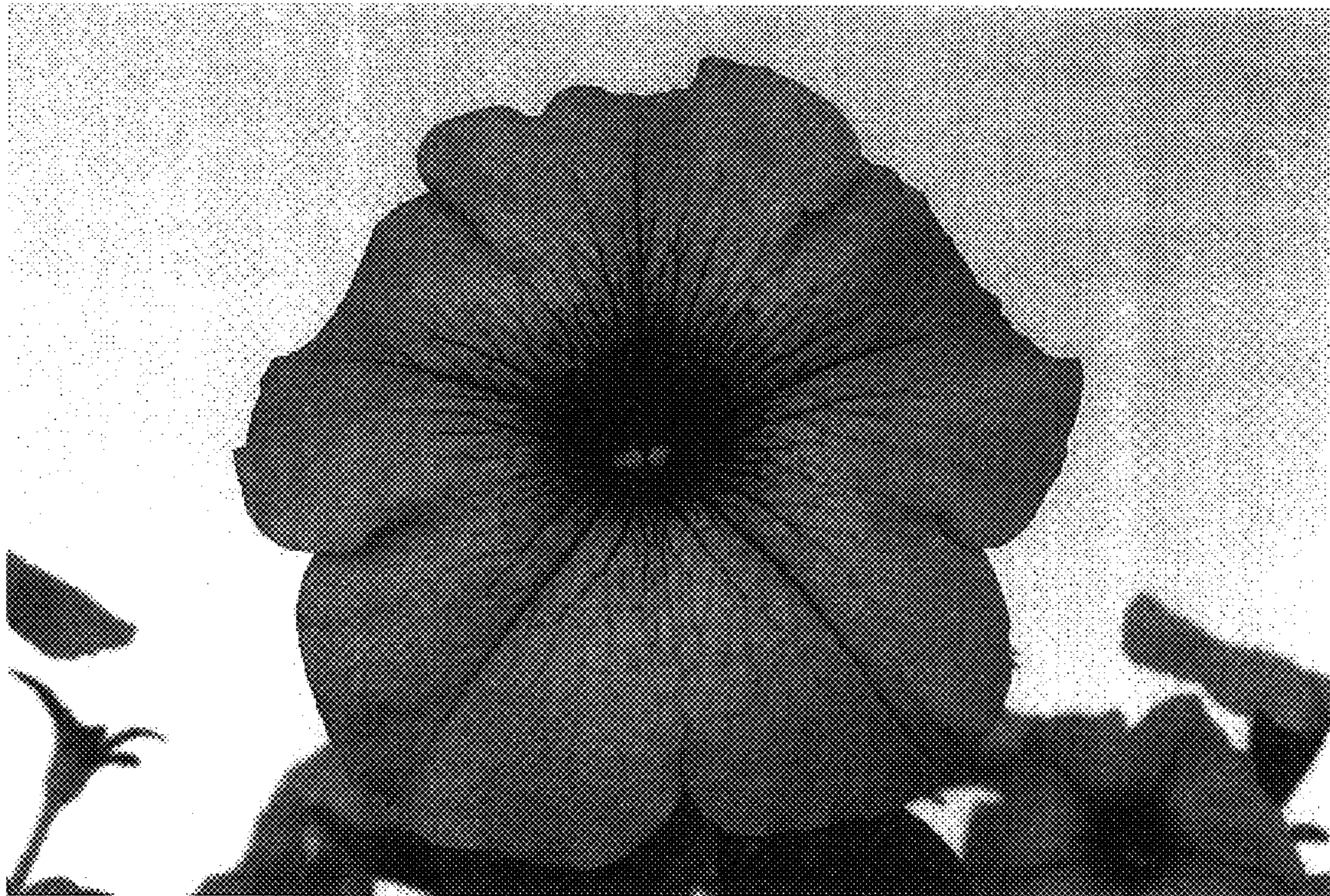


FIG. 2