

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

(10) **Patent No.:** **US PP17,269 P2**
(45) **Date of Patent:** **Dec. 12, 2006**

(54) **CALIBRACHOA PLANT NAMED
'BALCABROSE'**

(50) Latin Name: *Calibrachoa*×*hybrida*
Varietal Denomination: **Balcabrose**

(75) Inventor: **Jianping Ren**, Geneva, IL (US)

(73) Assignee: **Ball Horticultural Company**, West
Chicago, IL (US)

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 44 days.

(21) Appl. No.: **11/299,509**

(22) Filed: **Dec. 12, 2005**

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

(52) **U.S. Cl.** **Plt./263**
(58) **Field of Classification Search** **Plt./263**
See application file for complete search history.

Primary Examiner—Anne Marie Grunberg

Assistant Examiner—Annette H Para

(74) *Attorney, Agent, or Firm*—Audrey Charles

(57) **ABSTRACT**

A new and distinct cultivar of *Calibrachoa* plant named
'Balcabrose' characterized by its rose colored flowers,
medium green-colored foliage, good basal branching char-
acter; and moderately vigorous, mounded-trailing growth
habit.

1 Drawing Sheet

1

Latin name of genus and species of plant claimed: *Cali-
brachoa*×*hybrida*.

Variety denomination: 'Balcabrose'.

BACKGROUND OF THE INVENTION

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

The new cultivar originated in a controlled breeding pro-
gram in Elburn, Ill. during July 2002. The objective of the
breeding program was the development of *Calibrachoa*
cultivars with attractive flower coloration, medium green-
colored foliage, and moderately vigorous, mounded-trailing
growth habit.

The female (seed) parent of the new cultivar was the
proprietary *Calibrachoa*×*hybrida* breeding selection desig-
nated 1030-2, not patented, characterized by its rose-colored
flowers, dark green-colored foliage, and semi-prostrate
growth habit. The male (pollen) parent of the new cultivar
was the proprietary *Calibrachoa*×*hybrida* breeding selection
designated 1025-2, not patented, characterized by its large
pink-colored flowers and semi-prostrate growth habit. The
new *Calibrachoa* was discovered and selected by the inven-
tor as a single flowering plant within the progeny of the
above stated cross-pollination during April 2003 in a con-
trolled environment at Elburn, Ill.

Asexual reproduction of the new cultivar by terminal stem
cuttings since April 2003 at Elburn, Ill. and West Chicago,
Ill. has demonstrated that the new cultivar reproduces true to
type with all 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
'Balcabrose' as a new and distinct cultivar of *Calibrachoa*
plant:

1. Rose colored flowers;
2. Medium green-colored foliage;

2

3. Good basal branching character; and

4. Moderately vigorous, mounded-trailing growth habit.

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

Of the many commercially available *Calibrachoa* culti-
vars known to the inventor, the most similar in comparison
to the new cultivar is 'Kakegawa S54', U.S. Plant Pat. No.
14,840. However, in side by side comparisons, plants of the
new cultivar differ from plants of 'Kakegawa S54' in the
following characteristics:

1. Plants of the new cultivar have larger leaves than plants
of 'Kakegawa S54'; and

2. Plants of the new cultivar have lighter green foliage
color than plants of 'Kakegawa S54'.

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 'Balcabrose'. The plants
were grown in 10 cm pots for 9 weeks in a greenhouse at
West Chicago, Ill.

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

FIG. 2 illustrates a close-up view of three individual
flowers of 'Balcabrose' showing changes in color from a first
opened flower (on left), fully opened flower (in center) to
fully mature flower (on right).

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 variance in genotype.

The chart used in the identification of colors described
herein is The R.H.S. Colour Chart of The Royal Horticul-

tural Society, London, England, 2001 edition, except where general color terms of ordinary significance are used. The color values were determined on Jul. 25, 2005 between 3:00 p.m. and 4:00 p.m. under natural light conditions, in West Chicago, Ill.

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 at West Chicago, Ill. in 10 cm pots for 9 weeks utilizing a soilless growth medium. Greenhouse temperatures were maintained at approximately 70° F. to 75° F. (21° C. to 24° C.) during the day and approximately 50° F. to 58° F. (10° C. to 14° C.) during the night. Greenhouse light levels of 5,000 to 8,000 footcandles were maintained during the day.

Botanical classification: *Calibrachoa*×*hybrida* cultivar Balcabrose.

Parentage:

Female parent.—Proprietary *Calibrachoa*×*hybrida* breeding selection designated 1030-2, not patented.

Male parent.—Proprietary *Calibrachoa*×*hybrida* breeding selection designated 1025-2, not patented.

Propagation:

Type cutting.—Terminal stem.

Time to initiate roots.—Approximately 6 to 8 days.

Time to produce a rooted cutting.—Approximately 21 to 28 days.

Root description.—Fibrous.

Rooting habit.—Freely branching.

Plant description:

Crop time.—Approximately 6 to 9 weeks from a rooted cutting.

Growth habit and general appearance.—Moderately vigorous, mounded-trailing.

Size.—Height from soil level to top of plant plane: Approximately 12.8 cm. Width: Approximately 45.4 cm.

Branching habit.—Freely basal branching. Approximately 8 main branches per plant, with lateral branches forming at very node.

Branch.—Strength: Moderate. Length: Approximately 20.5 cm. Diameter: Approximately 2.2 mm. Texture: Densely pubescent with short hairs. Color: 144A. Internode length at center of branch: Approximately 1.2 cm.

Foliage.—Number of leaves per main branch: Approximately 32. Fragrance: None. Form: Simple. Arrangement on flowering stem: Opposite. Aspect: Petiole is at acute angle to stem, leaf blade is downward turning. Shape: Elliptic. Margin: Entire. Apex: Broadly acute. Base: Attenuate. Venation pattern: Pinnate. Length of mature leaf: Approximately 3.1 cm. Width of mature leaf: Approximately 8.1 mm. Texture of upper surface: Moderately pubescent. Texture of lower surface: Densely pubescent. Color of upper surface of mature foliage: 138A with venation of 145A. Color of lower surface of mature foliage: 138B with venation of 145A. Petiole length: Approximately 5.7 mm. Petiole diameter: Approximately 1.6 mm. Petiole texture: Densely pubescent with short hairs. Petiole color: 145A.

Flowering description:

Flowering habit.—‘Balcabrose’ is freely flowering under outdoor growing conditions with substantially

continuous blooming from spring through autumn and year round in greenhouse environment.

Time to first flower.—Approximately 10 weeks from sticking of unrooted cutting.

Lastingness of individual bloom.—Approximately 5 days.

Flower description:

Type.—Simple, salverform. Quantity per plant: Approximately 162.

Bud rate of opening.—Generally takes 4 to 6 days for bud to progress from first color to fully open flower.

Bud just before opening.—Shape: Oblong. Length: Approximately 1.8 cm. Diameter: Approximately 4.0 mm. Texture: Pubescent. Color: Petals N187B, corolla tube 151D with venation of 187A.

Corolla.—Diameter: Approximately 2.9 cm.

Petals.—Quantity: 5, fused to form a tube. Shape: Obovate. Apex: Truncate. Margin: Entire. Texture of upper surface: Glabrous. Texture of lower surface: Densely pubescent with short hairs, denser along veins. Petal length from tube: Approximately 1.1 cm. Petal length of free portion: Approximately 4.3 mm. Petal width: Approximately 1.1 cm. Color of upper surface when fully open: Closest to N81A. Color of lower surface when fully open: 186C with midvein of N199B.

Corolla tube.—Length: Approximately 1.3 cm. Diameter at distal end: Approximately 6.3 mm. Diameter at proximal end: Approximately 1.9 mm. Tube texture inner surface: Glabrous. Tube texture outer surface: Densely pubescent with short hairs. Color inner surface: 13B with venation of N79C. Color of outer surface: 11B with venation of N79C.

Peduncle.—Strength: Strong. Aspect: At acute angle to stem. Length: Approximately 2.5 cm. Diameter: Approximately 0.8 mm. Texture: Densely pubescent with short hairs. Color: 144C.

Sepals.—Quantity per flower: 5 fused along lower half. Shape: Lanceolate. Apex: Acute. Margin: Entire. Sepal length: Approximately 1.2 cm. Sepal width: Approximately 2.9 mm. Texture of upper and lower surfaces: Densely pubescent with short hairs. Color of upper surface: 137C. Color of lower surface: 144A.

Reproductive organs.—Androecium: Stamen quantity: 5 fused to inside of corolla tube. Stamen length: Approximately 8.0 mm. Filament length of free portion: Approximately 6.0 mm. Filament color: 150D. Anther shape: Oval. Anther length: Approximately 0.8 mm. Anther color: 15C. Pollen amount: Abundant. Pollen color: 9C. Gynoecium: Pistil quantity: One per flower. Pistil length: Approximately 7.5 mm. Stigma shape: Funnel. Stigma length: Approximately 1.0 mm. Stigma color: 143B. Style length: Approximately 5.0 mm. Style color: 145C. Ovary diameter: Approximately 1.5 mm. Ovary color: 144A.

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

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

What is claimed is:

1. A new and distinct cultivar of *Calibrachoa* plant named ‘Balcabrose’, substantially as herein shown and described.

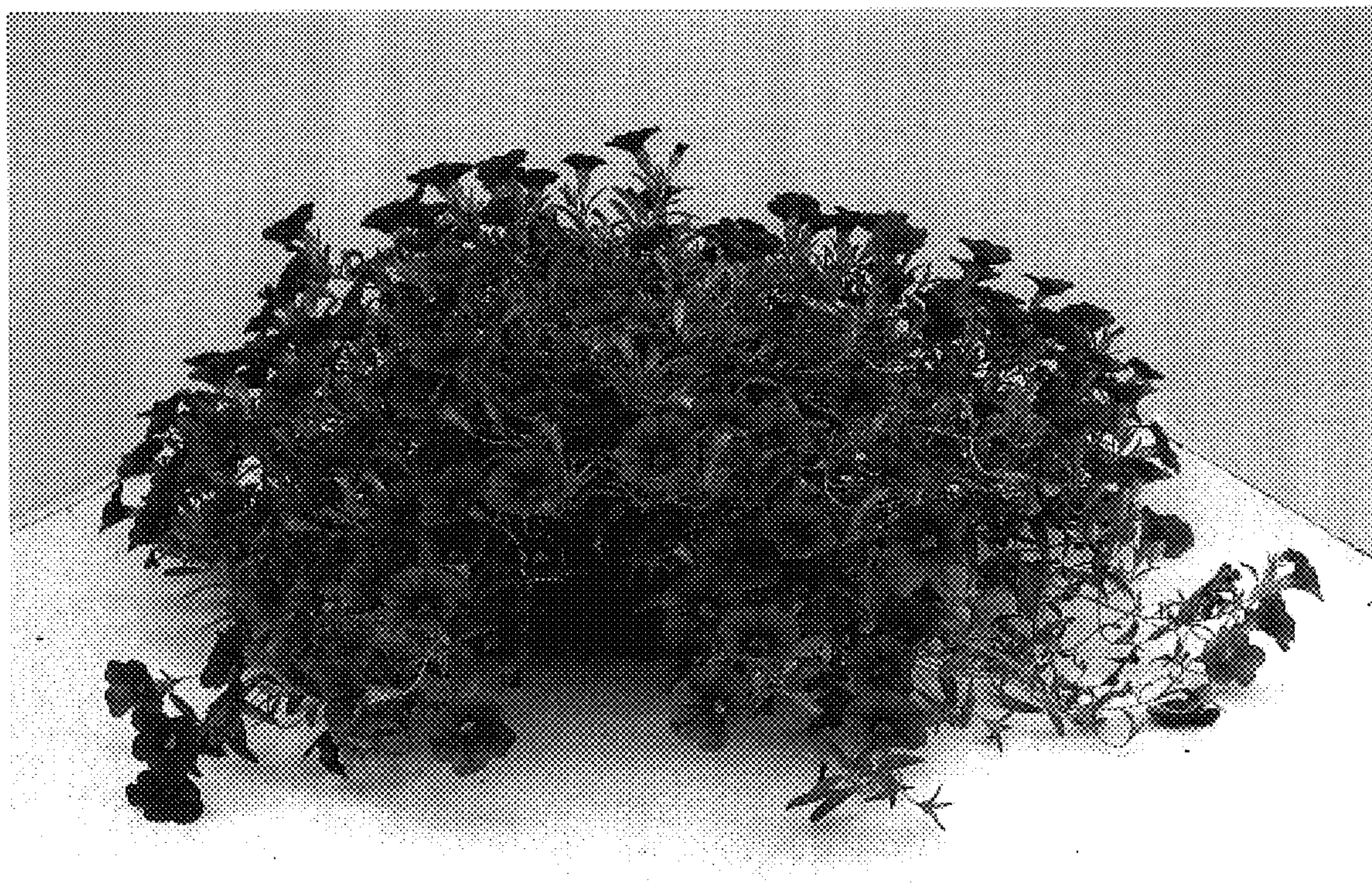


FIG. 1

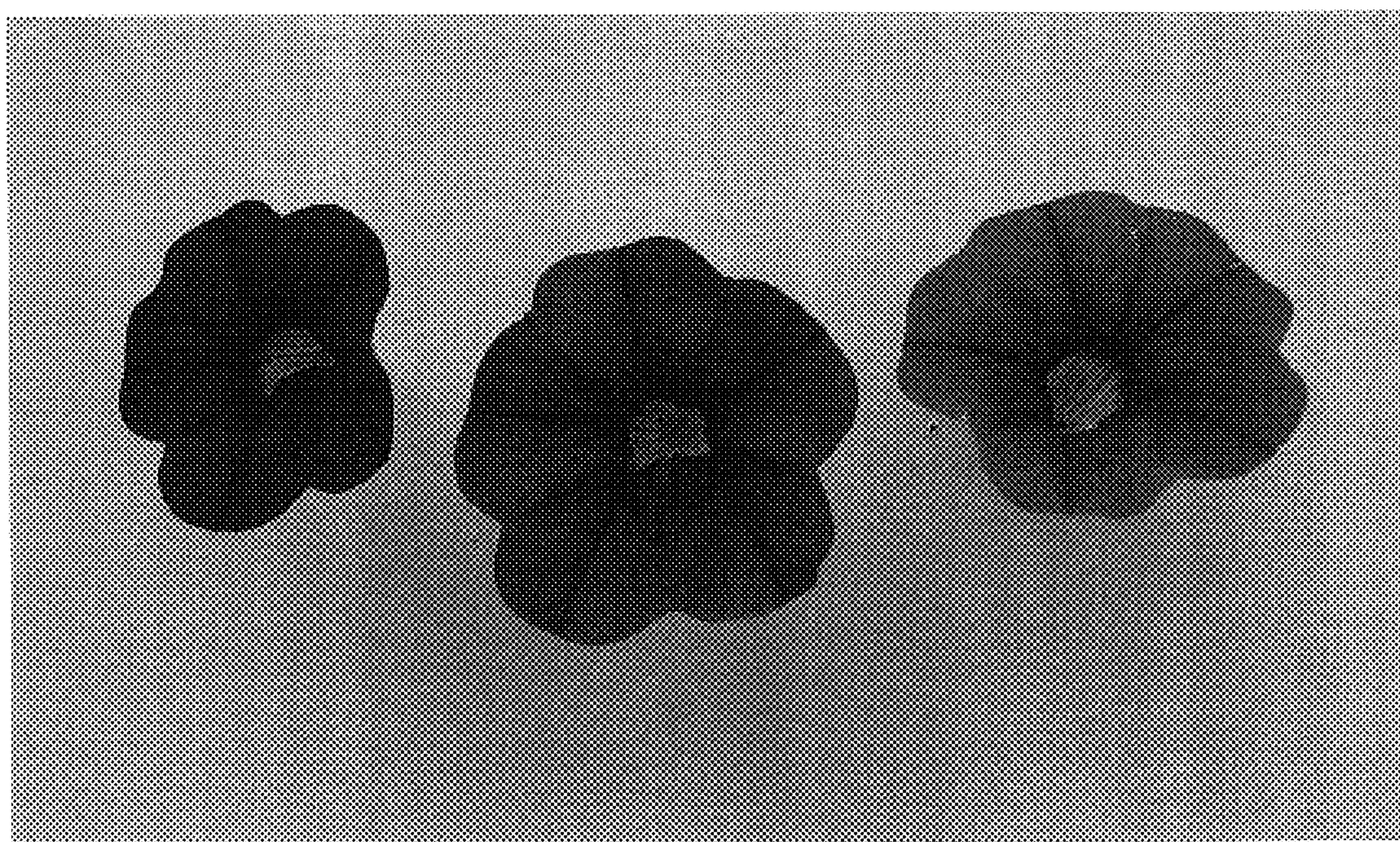


FIG. 2