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

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(54) **GERANIUM PLANT NAMED**
'BALGALBRISE'

(50) Latin Name: *Pelargonium*×*hortorum*×*Pelargonium*
peltatum
Varietal Denomination: **Balgalbrise**

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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 12 days.

(21) Appl. No.: **11/272,115**

(22) Filed: **Nov. 10, 2005**

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

(52) **U.S. Cl.** **Plt./324**

(58) **Field of Classification Search** **Plt./324**
See application file for complete search history.

(56) **References Cited**

PUBLICATIONS

European Plant Breeders' Rights application No. 2005/1964
filed Oct. 24, 2005.

Primary Examiner—Kent Bell

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

(57) **ABSTRACT**

A new and distinct cultivar of *Geranium* plant named
'Balgalbrise' characterized by its semi-double red-colored
flowers, medium green-colored foliage with a slightly darker
green-colored zone, and moderately vigorous and semi-
trailing growth habit.

2 Drawing Sheets

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Latin name of genus and species of plant claimed: *Pel-*
argonium×*hortorum*×*Pelargonium peltatum*.
Variety denomination: 'Balgalbrise'.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar
of *Geranium* plant botanically known as *Pelargonium*×
hortorum×*Pelargonium peltatum* and hereinafter referred to
by the cultivar name 'Balgalbrise'.

The new cultivar originated in a controlled breeding
program in California during January 2000. The object of
the breeding program is to develop new interspecific *Gera-*
nium cultivars with outwardly spreading growth habit, uni-
form flowering, and interesting flower and foliage colors.

The new cultivar is an irradiation induced sport of
'Sunrise', U.S. Plant Pat. No. 10,139, characterized by its
single coral red-colored flowers, medium green-colored
foliage with slight zonation, excellent basal branching, and
medium vigorous and trailing growth habit. The irradiation
occurred on Jan. 15, 2000. The new cultivar was discovered
and selected by the inventor on Nov. 11, 2000 in a controlled
environment at Arroyo Grande, Calif.

Asexual reproduction of the new cultivar by terminal stem
cuttings since November 2000 at Arroyo Grande, Calif. 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
'Balgalbrise' as a new and distinct cultivar of *Geranium*
plant:

1. Semi-double red-colored flowers;
2. Medium green-colored foliage with a slightly darker
green-colored zone; and
3. Moderately vigorous and semi-trailing growth habit.

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Plants of the new cultivar differ from plants of the parent
primarily in flower form and flower color.

Of the many commercially available *Geranium* cultivars
known to the inventor, the most similar in comparison to the
new cultivar is 'Balgalsusi', U.S. Plant Pat. No. 12,457.
However, in side by side comparisons, plants of the new
cultivar differ from plants of 'Balgalsusi' in the following
characteristic: Plants of the new cultivar have a different
flower color from plants of 'Balgalsusi'.

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 'Balgalbrise'. 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 'Balgalbrise'.

FIG. 2 illustrates a close-up view of a single umbel of
'Balgalbrise'.

FIG. 3 illustrates a close-up view of a single flower of
'Balgalbrise'.

FIG. 4 illustrates a close-up view of a single leaf of
'Balgalbrise'.

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 May 16, 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 65° F. to 75° F. (18° C. to 24° C.) during the day and approximately 62° F. to 68° F. (17° C. to 20° C.) during the night. Greenhouse light levels of 3,500 to 5,000 footcandles were maintained during the day.

Botanical classification: *Pelargonium* × *hortorum* × *Pelargonium peltatum* cultivar Balgalbrise.

Parentage:

Parent.—‘Sunrise’, U.S. Plant Pat. No. 10,139.

Propagation:

Type cutting.—Terminal stem.

Time to initiate roots.—Approximately 10 to 14 days.

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

Root description.—Fibrous.

Rooting habit.—Freely branching.

Plant description:

Crop time.—Approximately 8 to 9 weeks from a rooted cutting.

Growth habit and general appearance.—Moderately vigorous and semi-trailing.

Size.—Height from soil level to top of plant plane: Approximately 25.6 cm. Height from soil level to top of foliage: Approximately 10.7 cm. Width: Approximately 23.6 cm.

Branching habit.—Freely basal branching. Approximately 2 branches per plant.

Branch.—Strength: Strong. Length: Approximately 9.6 cm. Diameter: Approximately 4.9 mm. Texture: Densely pubescent with short, soft hairs. Color: Closest to 144A. Internode length at center of branch: Approximately 1.9 cm.

Foliage.—Number of leaves per lateral branch: Approximately 10. Fragrance: None. Form: Simple. Arrangement: Opposite. Aspect: Petiole is at acute angle to stem and blade is perpendicular to stem. Shape: Reniform. Margin: Crenate, palmately lobed. Apex: Obtuse. Base: Cordate. Venation pattern: Palmate. Length of mature leaf: Approximately 4.7 cm. Width of mature leaf: Approximately 8.0 cm. Texture of upper surface: Glabrous. Texture of lower surface: Moderately pubescent with short, stiff hairs and densely pubescent along venation. Color of mature foliage upper surface: 137B with venation of 143C and with narrow, circular zone of 137A in middle of leaf. Color of mature foliage lower surface: 137C with venation of 137C. Petiole length: Approximately 4.1 cm. Petiole diameter: Approximately 2.2 mm. Petiole texture: Densely pubescent with short, soft hairs on both upper and lower surface. Petiole color: Closest to 144A.

Flowering description:

Flowering habit.—‘Balgalbrise’ 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 11 weeks from sticking of unrooted cutting.

Lastingness of individual floret.—Approximately 5 to 7 days.

Inflorescence description:

Type.—Umbel. Position: Above foliage. Number of open umbels at nine weeks: Approximately 2. Number of developing umbels at nine weeks: Approximately 3. Umbel diameter: Approximately 10.5 cm. Umbel height/depth: Approximately 7.3 cm. Number of flowers per umbel: Approximately 13. Fragrance: None.

Peduncle.—Strong, erect. Length: Approximately 18.1 cm. Diameter: Approximately 3.0 mm. Texture: Densely pubescent with moderately stiff hairs. Color: Closest to 144A.

Flower description:

Bud rate of opening.—Generally takes 3 to 5 days for bud to progress from first color to fully open floret.

Bud just before opening.—Shape: Elliptic. Length: Approximately 1.8 cm. Diameter: Approximately 7.4 mm. Petal color: 44B. Sepal texture: Densely pubescent. Petal texture: Glabrous.

Corolla.—Form: Semi-double. Shape: Round. Diameter: Approximately 5.2 cm. Depth: Approximately 2.0 cm.

Petals/petaloids.—Quantity: Approximately 6 petals and 1 to 3 irregular shaped petaloids per flower. Appearance: Dull, velvety. Aspect: Upper petals turn backward and lower petals are slightly cupped. Arrangement: Upper petals overlap and lower petals overlap but upper petals do not overlap lower petals. Shape: Obovate. Apex: Obtuse. Base: Attenuate. Margin: Entire. Texture of upper and lower surface: Glabrous. Upper petal length: Approximately 3.4 cm. Upper petal width: Approximately 2.2 cm. Lower petal length: 3.0 cm. Lower petal width: 2.2 cm. Color of upper surface of upper petal: Closest to but brighter than 42A with strong venation in lower half of 59C. Color of lower surface of upper petal: Closest to 43A with venation at base of 64B. Color of upper surface of lower petal: Closest to but brighter than 42A with slight venation at base of 59C. Color of lower surface of lower petal: Closest to 43A with venation at base of 64B.

*Pedice*l.—Strength: Strong, knobs observed at base. Angle: Acute. Length: Approximately 2.7 cm. Diameter: Approximately 1.2 mm. Texture: Densely pubescent with long, soft hairs. Color: 144A with overlay of 187B.

Calyx.—Shape: Five-pointed star. Width: Approximately 2.5 cm.

Sepals.—Quantity per floret: 5. Shape: Lanceolate. Apex: Acuminate. Margin: Entire. Upper sepal length: Approximately 1.6 cm. Upper sepal width: Approximately 4.7 mm. Lower sepal length: Approximately 1.5 cm. Lower sepal width: Approximately 2.9 mm. Texture of upper surface: Glabrous. Texture of lower surface: Densely pubescent with long, soft hairs. Color of upper and lower surfaces: 144B with overlay of 187B.

Reproductive organs.—Androecium: Quantity of mature anthers: Approximately 4 per flower. Anther

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shape: Oblong. Anther length: Approximately 2.3 mm. Anther color: 59A. Pollen amount: Moderate. Pollen color N163A. Gynoecium: Pistil quantity: One per floret. Pistil length: Approximately 1.3 cm. Stigma shape: Five branched. Stigma length: Approximately 4.0 mm. Stigma color: 53C. Style length: Approximately 4.0 mm. Style color: 67B. Ovary length: Approximately 5.0 mm. Ovary texture: Sericeous. Ovary color: 144C.

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

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

What is claimed is:

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

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FIG. 1

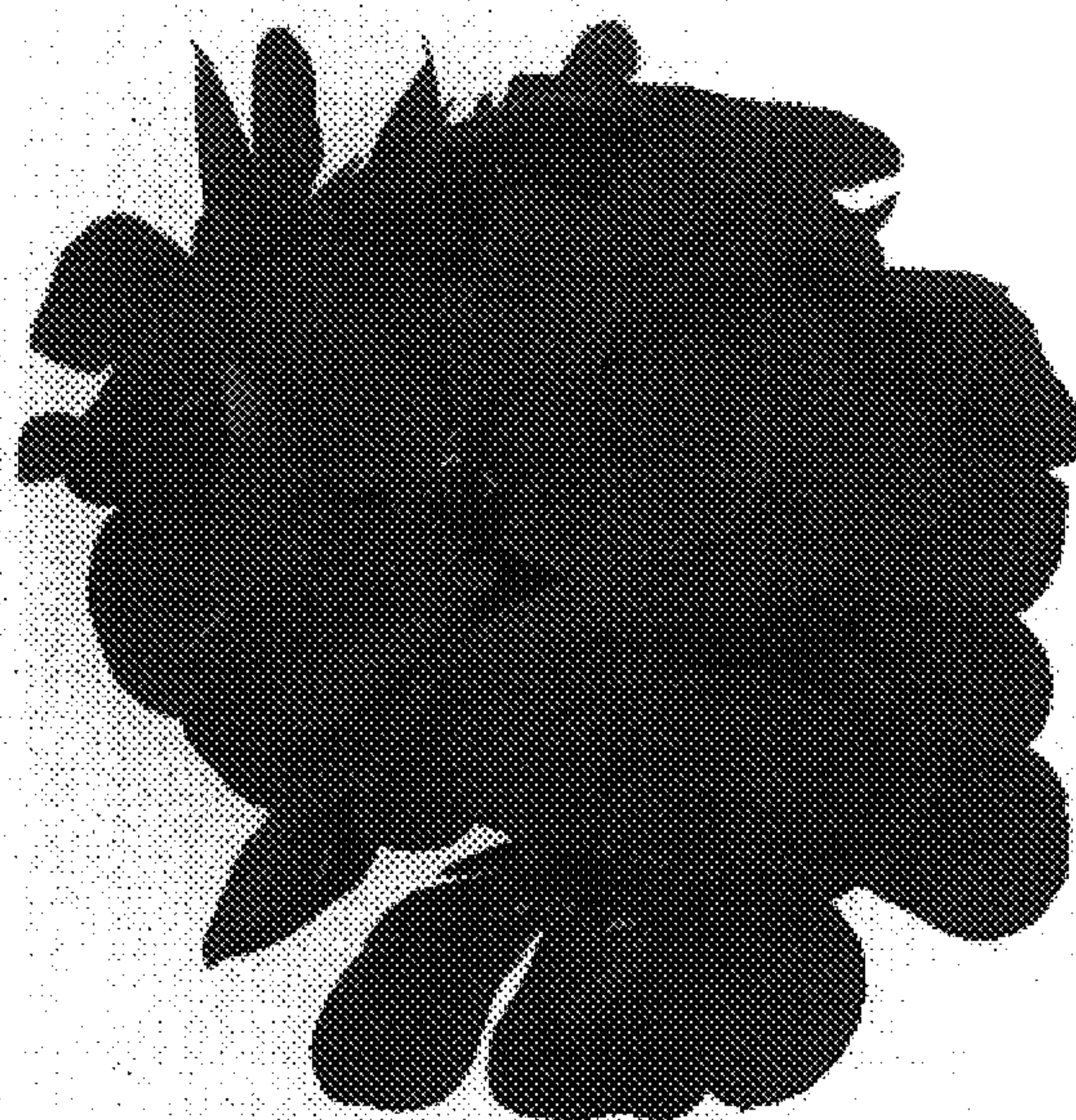


FIG. 2

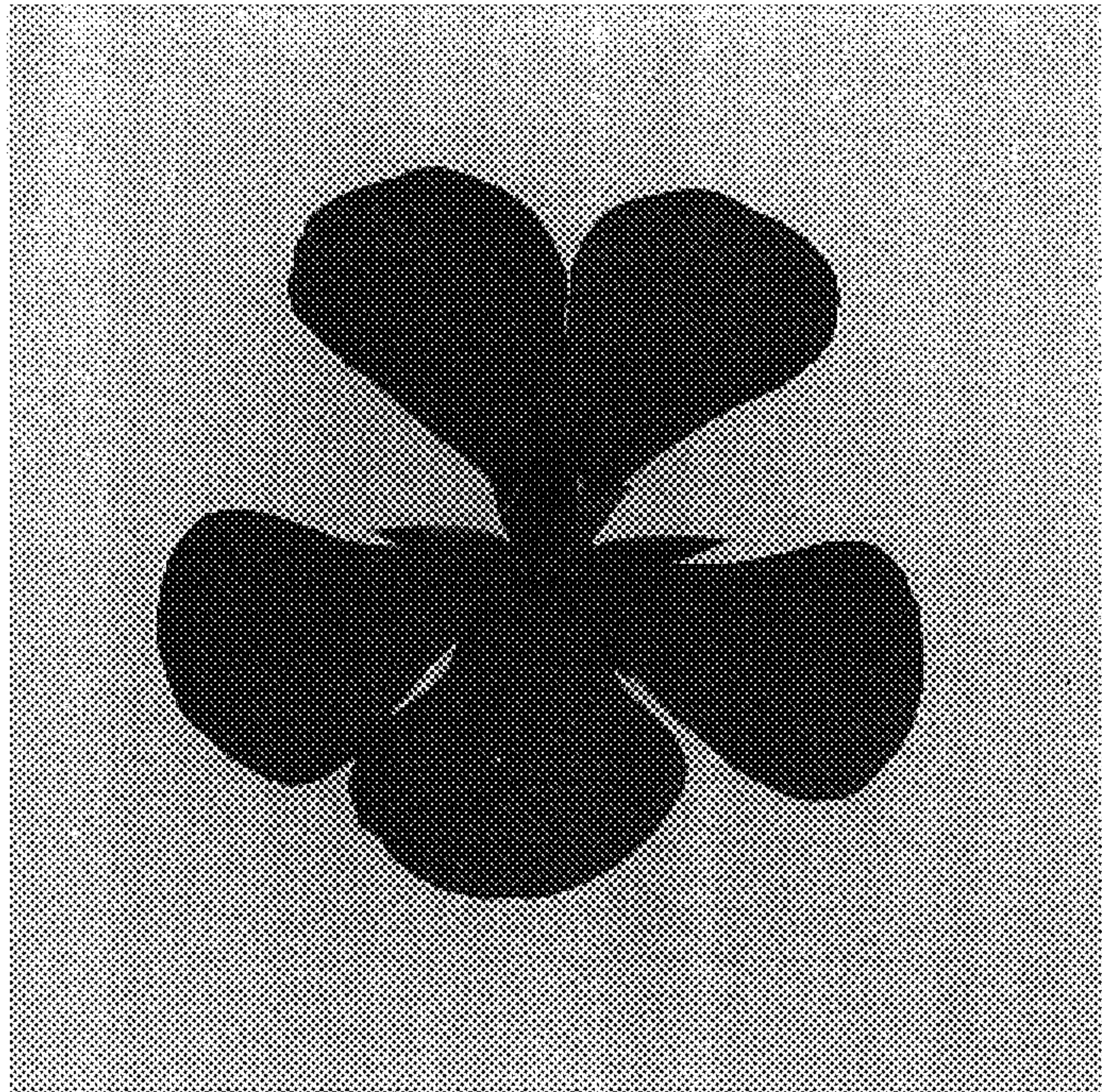


FIG. 3

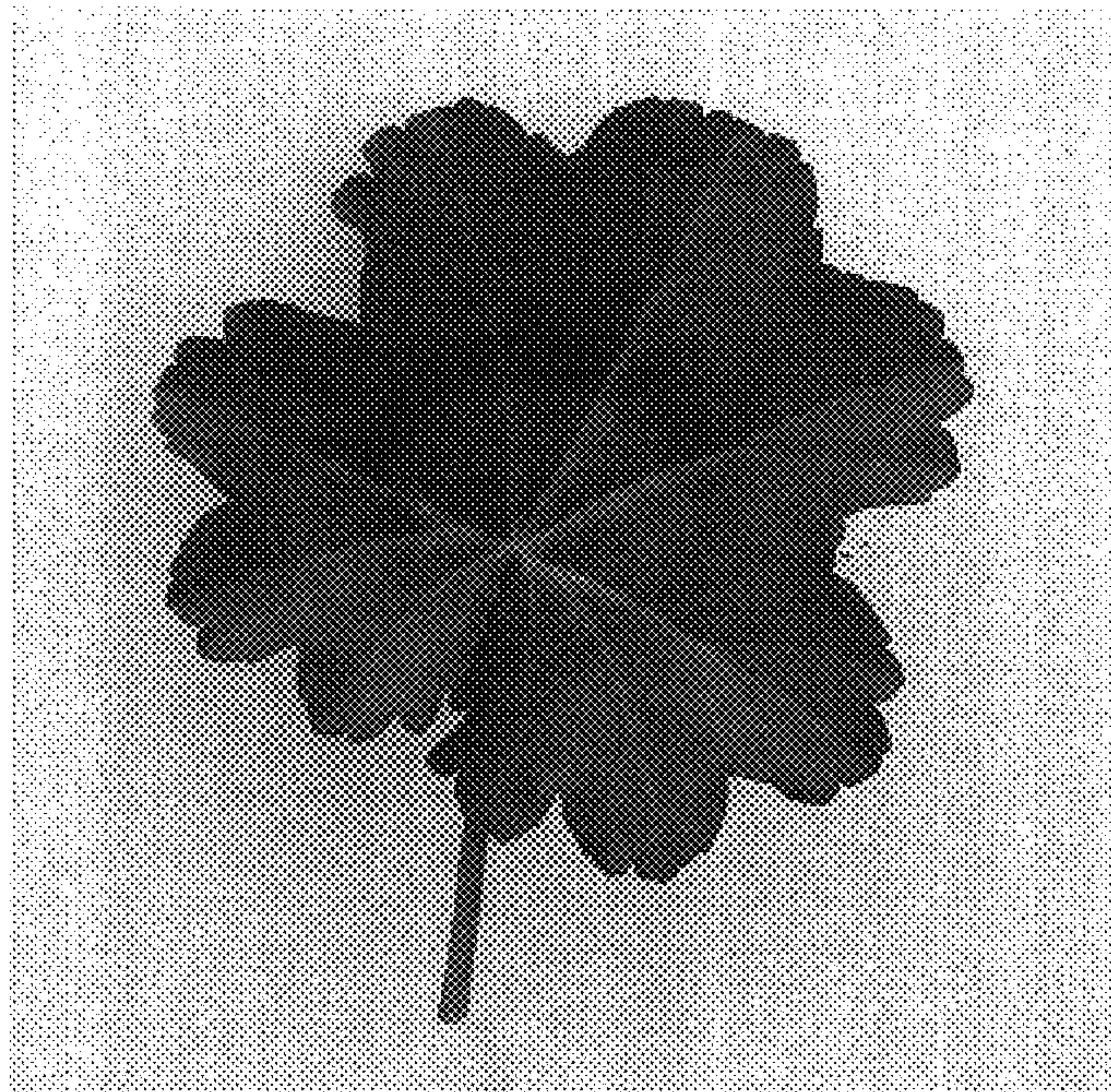


FIG. 4