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

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(54) **ANGELONIA PLANT NAMED**
'BALANGPIKIM'

(50) Latin Name: *Angelonia angustifolia*
Varietal Denomination: **Balangpikim**

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(73) Assignee: **Ball Horticultural Company**, West
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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 82 days.

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(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.

(56) **References Cited**

PUBLICATIONS

European Plant Breeders' Rights application No. 2005/2331
filed Nov. 16, 2005.

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(57) **ABSTRACT**

A new and distinct cultivar of *Angelonia* plant named
'Balangpikim' characterized by its pink and white bi-colored
flowers, medium-sized flowers, and moderately vigorous,
upright growth habit.

1 Drawing Sheet

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Latin name of genus and species of plant claimed: *Ange-*
lonia angustifolia.

Variety denomination: 'Balangpikim'.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar
of *Angelonia* plant botanically known as *Angelonia angus-*
tifolia and hereinafter referred to by the cultivar name
'Balangpikim'.

The new cultivar was developed by the inventor in a
controlled breeding program during May 2003 at Arroyo
Grande, Calif. The objective of the breeding program was
the development of *Angelonia* cultivars with unique flower
colors, continuous flowering, and freely branching, upright,
and moderately vigorous growth habit.

The female (seed) parent of the new cultivar was the
proprietary *Angelonia angustifolia* breeding selection des-
ignated BFP-895, not patented, characterized by its large
dark purple-colored flowers, dark green-colored foliage,
medium vigor, and upright growth habit. The male (pollen)
parent of the new cultivar was the proprietary *Angelonia*
angustifolia breeding selection designated BFP-873, not
patented, characterized by its large dark purple-colored
flowers, dark green-colored foliage, medium vigor, and tall
upright growth habit. The new cultivar was discovered and
selected by the inventor as a single flowering plant within
the progeny of the above stated cross-pollination on Sep-
tember 2003 in a controlled environment at Arroyo Grande,
Calif.

Asexual reproduction of the new cultivar by terminal stem
cuttings since September 2003 at 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.

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SUMMARY OF THE INVENTION

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

1. Pink and white bi-colored flowers;
2. Medium-sized flowers; and
- 10 3. Moderately vigorous, upright growth habit.

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

15 Of the *Angelonia* cultivars known to the inventor, the
most similar to 'Balangpikim' is the *Angelonia* cultivar
'Balangroki', not patented. However, in side-by-side
comparisons, plants of the new cultivar differ from plants of
'Balangroki' in flower color.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

25 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 describe the colors of 'Balangpikim'. The plants
were grown in 10 cm pots for 11 weeks in a greenhouse at
West Chicago, Ill.

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

35 FIG. 2 illustrates a close-up view of the inflorescence of
'Balangpikim'.

FIG. 3 illustrates a close-up view of an individual flower
of 'Balangpikim'.

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 Horticultural Society, London, England, 2001 edition, except where color terms of ordinary significance are used. The color values were determined on Apr. 13, 2005. The readings were taken between 1:00 p.m. and 3:00 p.m. under natural light 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 11 weeks while utilizing a soilless growth medium. Greenhouse temperatures were maintained at approximately 75° F. to 85° F. (24° C. to 29° C.) during the day and approximately 62° F. to 70° F. (17° C. to 21° C.) during the night. Greenhouse light levels were maintained at approximately 6,000 to 10,000 footcandles during the day.

Botanical classification: *Angelonia angustifolia*, cultivar Balangpikim.

Parentage:

Female (seed) parent.—Proprietary *Angelonia angustifolia* breeding selection designated BFP-895, not patented.

Male (pollen) parent.—Proprietary *Angelonia angustifolia* breeding selection BFP-873, not patented.

Propagation:

Type cutting.—Terminal stem.

Time to initiate roots.—Approximately 7 to 9 days.

Time to develop roots.—Approximately 21 to 28 days.

Root description.—Fine and fibrous.

Rooting habit.—Freely branching.

Plant description:

Crop time.—Approximately 6 to 7 weeks from a rooted cutting.

Habit of growth.—Moderately vigorous, upright.

Form.—Upright.

Size.—Height (from soil level to top of plant plane): Approximately 25.3 cm. Diameter (area of spread): Approximately 38.0 cm.

Main branch.—Quantity per plant: Approximately 4. Shape: Square in cross section. Strength: Strong. Length from soil level to base of raceme: Approximately 31.5 cm. Diameter: Approximately 3.1 mm. Texture: Glabrous. Color: 144B. Internode length at center of branch: Approximately 2.7 cm.

Foliage.—Quantity of leaf per main branch: Approximately 10. Type: Simple. Fragrance: None. Arrangement: Opposite. Orientation to stem: Slight right angle to stem. Shape: Elliptic. Margin: Broadly dentate. Apex: Acute. Base: Sessile. Length of leaf at center of branch: Approximately 6.1 cm. Width of leaf at center of branch: Approximately 9.8 mm. Texture of upper and lower surfaces: Glabrous. Venation pattern: Pinnate. Color of upper surface of young and mature foliage: Darker than 137A with venation of 144D. Color of lower surface of young and mature foliage: 137C with venation of 144D.

Flowering description:

Flowering habit.—‘Balangpikim’ 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 13 weeks from sticking of unrooted cutting.

Lastingness of individual bloom on the plant.—Approximately 7 to 10 days.

Inflorescence type/description.—Terminal racemes. Length: Approximately 8.3 cm. Width: Approximately 3.9 cm. Number per plant: Approximately 6 open racemes per plant at 11 weeks. Number of fully open flowers per raceme at any one time. Approximately 10.

Flower description:

Type/fragrance.—Bilabiate. No fragrance.

Bud.—Rate of opening: 3 to 4 days from first color to fully open. Shape: Globular. Length: Approximately 8.0 mm. Diameter: Approximately 5.8 mm. Color of upper surface: 2D with N78C at base. Color of lower surface: 2D with overlay of N78C and spots of N77A.

Flowering size/aspect.—Length: Approximately 2.2 cm. Width: Approximately 1.8 cm. Depth: Approximately 9.4 mm. Aspect: Facing outward.

Petals.—Quantity: 5 per flower, fused at base forming a throat, an upper lip with two petals, and a lower lip with three petals—one central and one lateral on each side. Petal shape of upper lip and lower lip petals: Obvate.

Upper lip.—Petal apex: Obtuse. Petal margin: Entire. Length of petals from throat: Approximately 6.6 mm. Width of petal: Approximately 1.2 cm. Color of upper and lower surfaces: Lighter than 73A. Texture of upper surface of petal: Glabrous with moderate glandular pubescence at base and along margin. Texture of lower surface petal: Glabrous.

Lower lip, lateral petals.—Petal apex: Obtuse. Petal margin: Entire. Length of petals from throat: Approximately 8.6 mm. Width of each petal: Approximately 8.1 mm. Color of upper surface: Lighter than 73A with varying amounts of N155B at apex. Color of lower surface: Lighter than 73A with N155B at center and apex. Texture of upper surface: Glabrous with some pubescent glandular hairs at base and along margin. Texture of lower surface: Pubescent with very short glandular hairs.

Lower lip, central petal.—Petal apex: Obtuse. Petal margin: Entire. Length of petal from palate: Approximately 7.6 mm. Width of petal: Approximately 8.3 mm. Color of upper surface: N155B in center of petal and 73B along margin. Color of lower surface: N155B. Texture of upper surface: Sparsely glandular pubescent with more pubescence along margin. Texture of lower surface: Glabrous. Gland color: 13B, translucent.

Throat.—Length: Approximately 6.4 mm. Width: Approximately 5.4 mm. Texture of inner surface: Mostly glabrous with some glands at base. Texture of outer surface: Glabrous. Color of inner and outer surfaces: N155B with spots of 70B. Palate color: N155B. Palate texture: Densely glandular pubescent. Gland color: 13B, translucent. Teeth color: 155B.

Pedicel.—Strength: Good. Length: Approximately 1.2 cm. Diameter: Approximately 0.9 mm. Angle to stem: At a slight right angle. Texture: Very sparsely

glandular pubescent. Color: 144D with overlay of 183D.

Calyx.—Shape: Five-pointed star, cupped. Width: Approximately 5.0 mm.

Sepal.—Quantity per flower: 5. Shape: Lanceolate. Margin: Entire. Base: Fused. Apex: Acuminate. Length: Approximately 3.8 mm. Width: Approximately 1.0 mm. Texture of upper or inner surface: Glabrous. Texture of lower or outer surface: Glandular-pubescent. Color (both upper and lower surfaces): Closest to 137B.

Reproductive organs.—Androecium: Stamen quantity: 4 per flower. Stamen length: Approximately 4.5 mm. Filament color: N155B. Anther shape: Bilobed. Anther length: Approximately 0.7 mm. Anther color:

70C. Amount of pollen: Abundant. Pollen color: 92D. Gynoecium: Pistil quantity: One per flower. Pistil length: Approximately 4.0 mm. Stigma length: Approximately 0.7 mm. Stigma color: 145D. Style length: Approximately 2.3 mm. Style color: N155B. Ovary diameter: Approximately 1.1 mm. Ovary texture: Puberulent. Ovary color: 144C.

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

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

What is claimed is:

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

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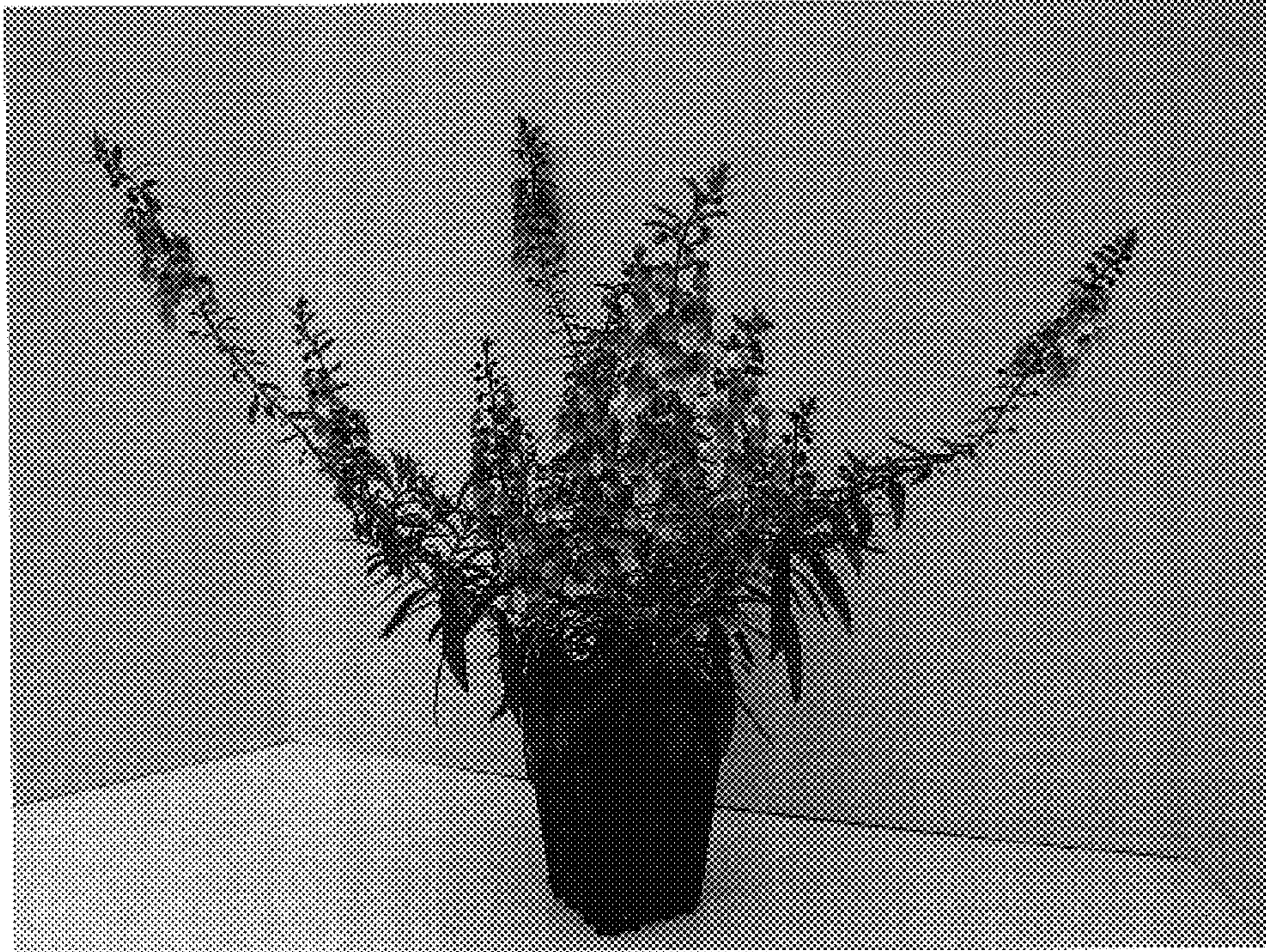


FIG. 1



FIG. 2

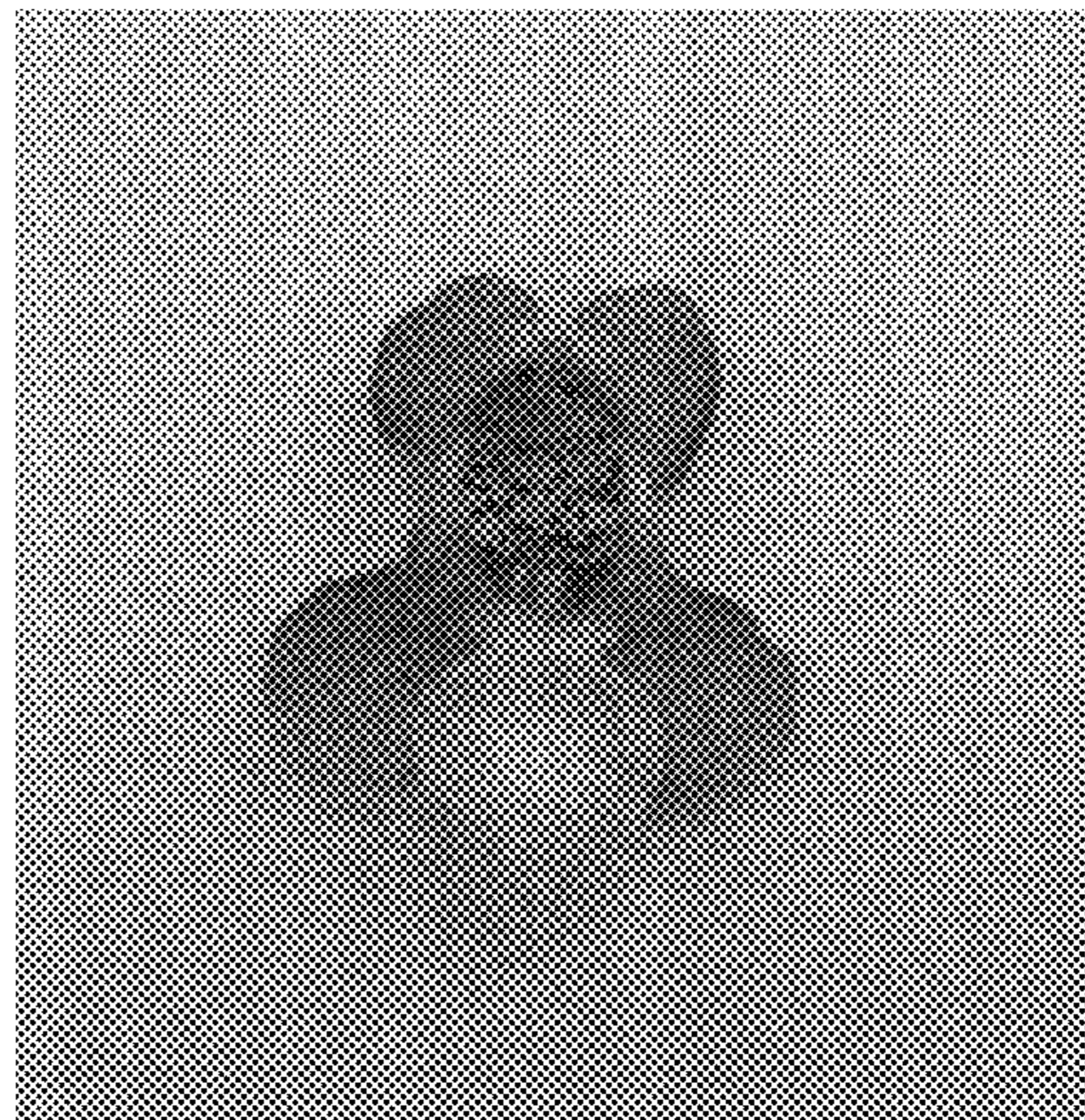


FIG. 3