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

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(54) **SEDUM PLANT NAMED ‘PEACE AND JOY’**

(50) Latin Name: *Sedum* hybrid
Varietal Denomination: **Peace and Joy**

(71) Applicant: **Brent Arpad Horvath**, Fontana, WI
(US)

(72) Inventor: **Brent Arpad Horvath**, Fontana, WI
(US)

(*) 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 5/02 (2018.01)

(52) **U.S. Cl.**
USPC **Plt./479**

(58) **Field of Classification Search**
USPC **Plt./479**
See application file for complete search history.

Primary Examiner — Keith O. Robinson

(57) **ABSTRACT**

A new, distinct *Sedum* plant as illustrated and described, characterized by larger grey green foliage, deep pink bi-color flowers, taller height, extra number of flowers per stem, and a compact mounding habit.

2 Drawing Sheets

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Latin name: *Sedum* hybrid.
Cultivar name: ‘Peace and Joy’.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct hybrid of *Sedum* plant named ‘Peace and Joy’ characterized by larger grey green foliage, deeper pink bi-color flowers, taller height, extra number of flowers per stem, and a compact mounding habit compared to the seed parent. The new *Sedum* was raised as a seedling from hand pollinated seed, with the male parent of *Sedum spectabile* ‘Neon’ and female parent of an unnamed *Sedum tatarinowii*, in Hebron, Ill. in 2013. The selection of the new plant was due to its’ larger grey green foliage, deeper pink bi-color flowers, taller height, extra number of flowers per stem, and a compact mounding habit compared to the seed parent. Initial asexual reproduction has taken place at a nursery in Hebron, Ill. since 2014 by means of division, and vegetative cuttings. The new *Sedum* has shown to be stable and identical in reproduction to the originally discovered plant after rooting over 1600 plants from 2014 to 2016. No plants of the new *Sedum* have been sold in this country, or anywhere in the world, prior to the filing of this application, nor has any disclosure of the new plant been made prior to the filing of this application with the exception of that which was disclosed within one year of filing of this application and was either derived directly or indirectly for the inventor.

SUMMARY OF THE INVENTION

The new *Sedum* plant named ‘Peace and Joy’ characterized by larger grey green foliage, deep pink bi-color flowers, taller height, extra number of flowers per stem, and a compact mounding habit compared to the seed parent have been observed to be unique and stable.

Plants of the new *Sedum* can be compared to the male parent plant of *Sedum spectabile* ‘Neon’ not patented. 1. The new *Sedum* plant is a hybrid and does not produce seed while *Sedum spectabile* ‘Neon’ is fertile and produces seed. 2. The new *Sedum* plant has a mature size measuring 22-25 cm high and up to 45 cm wide while *Sedum spectabile*

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‘Neon’ measures 45 cm high and 60 cm wide. 3. The new *Sedum* has deep pink bi-color flowers while *Sedum spectabile* ‘Neon’ is entirely pink.

Plants of the new *Sedum* can also be compared to the seed parent plant *Sedum tatarinowii*, not patented. 1. The new plant is a hybrid and does not produce seed while the seed parent plant is fertile and produces viable seed. 2. The new *Sedum* has a mature size of 22-25 cm high and 45 cm wide while the seed parent has a mature size of 12 cm high and 30 cm wide. 3. The new *Sedum* has larger foliage measuring on average up to 7 cm long by 2 cm wide while the seed parent has foliage measuring 6 mm across by 2 cm long. 4. The new *Sedum* has a stem diameter of 7 mm while the seed parent has stem diameter of 3 mm. 5. The new *Sedum* has deep pink bi-color flowers, compared to the mostly white flowers of the seed parent.

Plants of the new *Sedum* can also be compared to *Sedum* ‘Pure Joy’ U.S. Plant Pat. No. 24,194. The main difference being the flower color on the new *Sedum* has deep pink bi-color flowers with an overall appearance of N74 A, compared to the light pink flowers with overall flower color 62 C of the *Sedum* ‘Pure Joy’.

DESCRIPTION OF PHOTOGRAPHS

Plants pictured in the drawing were grown for two years. FIG. 1. Close up of the foliage. FIG. 2. Close up of the flower. FIG. 3. A single plant in August.

DETAILED BOTANICAL DESCRIPTION

In the following description, color references are made to The Royal Horticultural Society Colour Chart (2001). Plants used for the description were grown for two years at a nursery in Hebron, Ill. USA. Measurements and numerical values represent averages of typical plants.

Botanical classification: *Sedum* hybrid cultivar ‘Peace and Joy’.

Parentage: Male or pollen parent is *Sedum spectabile* ‘Neon’ and the female or seed parent is an unnamed *Sedum tatarinowii*.

Propagation: Vegetative division and cutting propagation.

Roots initiate in about 15 days.

Rooting habit: Round, fibrous and shallow. Root Color—163 D.

Plant description: Overall habit of the new *Sedum* is basal clumps, with upright stems topped by deep pink bi-color flowers in August and September. Growth of the new *Sedum* is moderately vigorous.

Plant type.—Herbaceous perennial.

Plant height.—Average 22-25 cm.

Plant width.—Up to 45 cm.

Stem color.—146 D.

Stem shape.—Both typical and observed — round.

Stem texture.—Glabrous.

Stem length.—22-25 cm.

Stem diameter.—7 mm.

Internode length.—7 cm.

Foliage:

Type.—Deciduous.

Branching habit.—Numerous, basal.

Shape.—Obovate.

Leaf division.—Simple.

Petiole.—None.

Length.—7 cm.

Width.—3 cm.

Thickness.—2 mm.

Margin.—Dentate.

Leaf apex.—Typical and observed — obtuse.

Leaf bases.—Typical and observed — cuneate.

Texture.—Smooth, glabrous on both Adaxial and Abaxial surface.

Leaf arrangement.—Alternate, crowded except at the base of the stems.

Leaf venation pattern.—None noticed.

Leaf vein color.—None noticed.

Adaxial leaf description.—Color is 137 C.

Abaxial leaf description.—Color is 146 B.

Fall foliage color.—None noticed.

Flower:

Petal count.—5.

Petal shape.—Lanceolate.

Individual flower.—Shape — stellate. Individual size — 12 mm wide and 6 mm length.

Adaxial petal color.—N74 A.

Abaxial petal color.—65 D.

Petal apex shape.—Acuminate.

Petal base.—2-3 mm wide.

Petal texture.—Glabrous on both Adaxial and Abaxial surface.

Petal length.—5 mm and width — 2 mm.

Petal margin.—Typical and observed — entire.

Petal bases.—Typical and observed — obtuse.

Inflorescence type.—Panicle on basal flowering stems.

Panicle color.—As a whole the color is close to N74 A.

Inflorescence size.—15 cm across, 5 mm tall.

Inflorescence length.—5 mm and width — 15 cm.

Flower number.—Approximately 1000 per panicle.

Bloom period and duration.—Mid August to mid September, lasting 3-5 weeks.

Bud shape.—Typical and observed — Elliptical.

Bud length.—Typical and observed — 6 mm.

Bud diameter.—Typical and observed — 3 mm.

Bud color.—Typical and observed — close to N74 C.

Bud texture.—Glabrous.

Sepal size.—1 mm across, 3 mm tall.

Sepal number.—5.

Sepal shape.—Typical and observed — narrow ovate.

Sepal base.—Typical and observed — cordate, Texture — glabrous.

Sepal apex.—Typical and observed — acute.

Sepal margin.—Typical and observed — entire.

Sepal color.—Abaxial and adaxial typical and observed — tip color 137 A, base color 150 C.

Peduncle length.—Typical and observed — 12 mm.

Peduncle shape.—Round, Texture — glabrous.

Peduncle diameter.—Typical and observed — 3 mm.

Peduncle color.—Typical and observed — close to 139 A.

Pedicel length.—Typical and observed — 6 mm.

Pedicel diameter.—Typical and observed — 2 mm.

Pedicel color.—Typical and observed — close to 183 D.

Pedicel shape.—Round, Texture — glabrous.

Carpel color.—N74 A at the tips fading to N74 D at the base.

Carpel surfaces.—Glabrous.

Stigma shape.—Capitate.

Stigma size.—2 mm.

Style length.—1 mm and shape — slender.

Ovary size.—1-2 mm and shape — cordate.

Fertility.—Sterile, 10 anthers with moderate pollen, 10 stamens at 6 mm long.

Anther color.—Close to N187 C, Pollen color — close to 21 B.

Blooming habit.—Domed, terminal panicle on up to 35 cm stems.

Scent.—No scent noticed.

Fruit.—None.

Hardiness.—U.S.D.A. hardiness zones 4-9.

Disease resistance.—Resistance to diseases common to *Sedum* has not been observed on plants grown under nursery conditions. Pest Resistance — Resistance to pests common to *Sedum* has not been observed on plants grown under nursery conditions.

I claim:

1. A new, distinct *Sedum* plant as illustrated and described, characterized by larger grey green foliage, deep pink bi-color flowers, taller height, extra number of flowers per stem, and a compact mounding habit compared to the seed parent.

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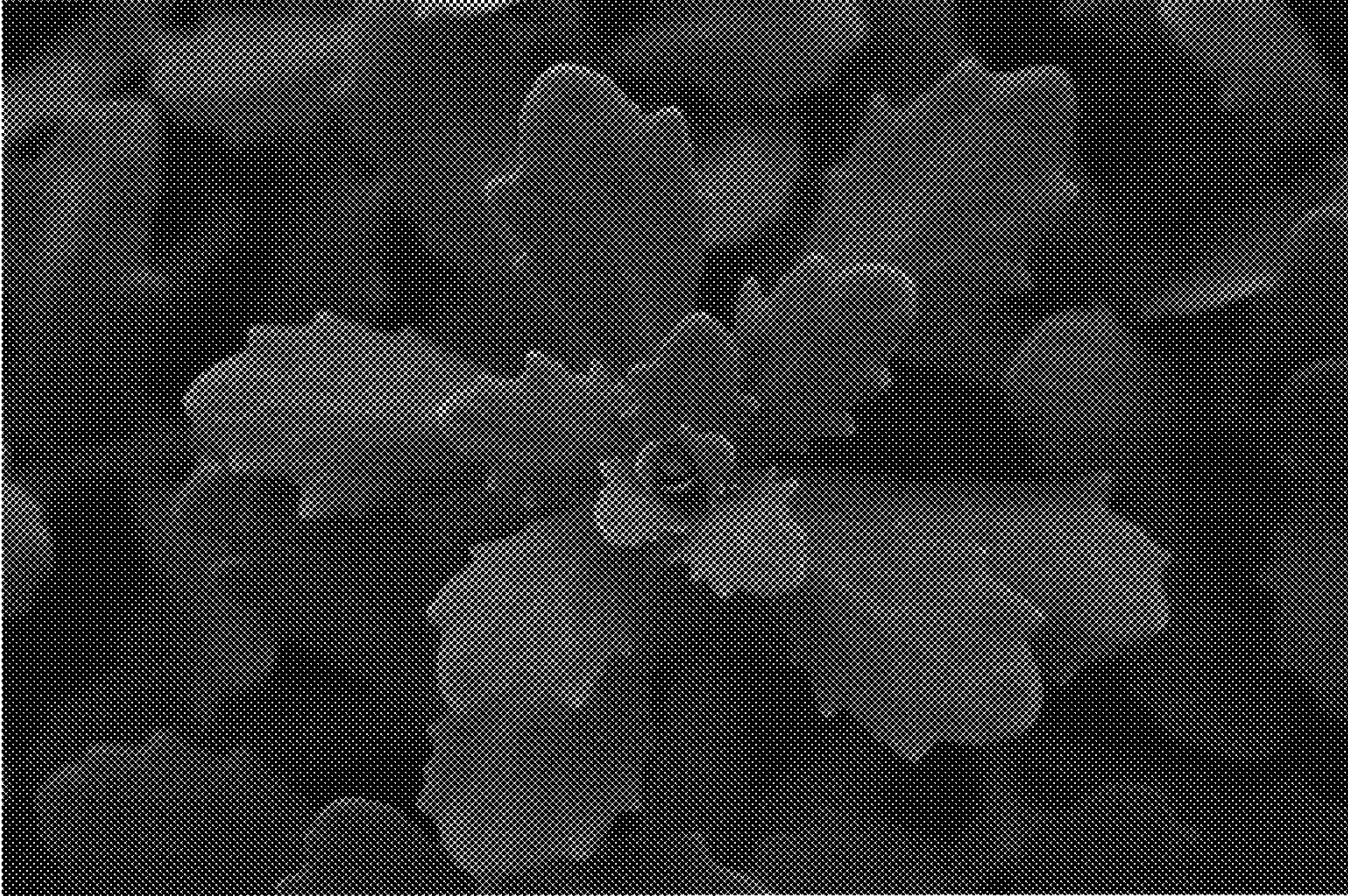


Fig. 1.

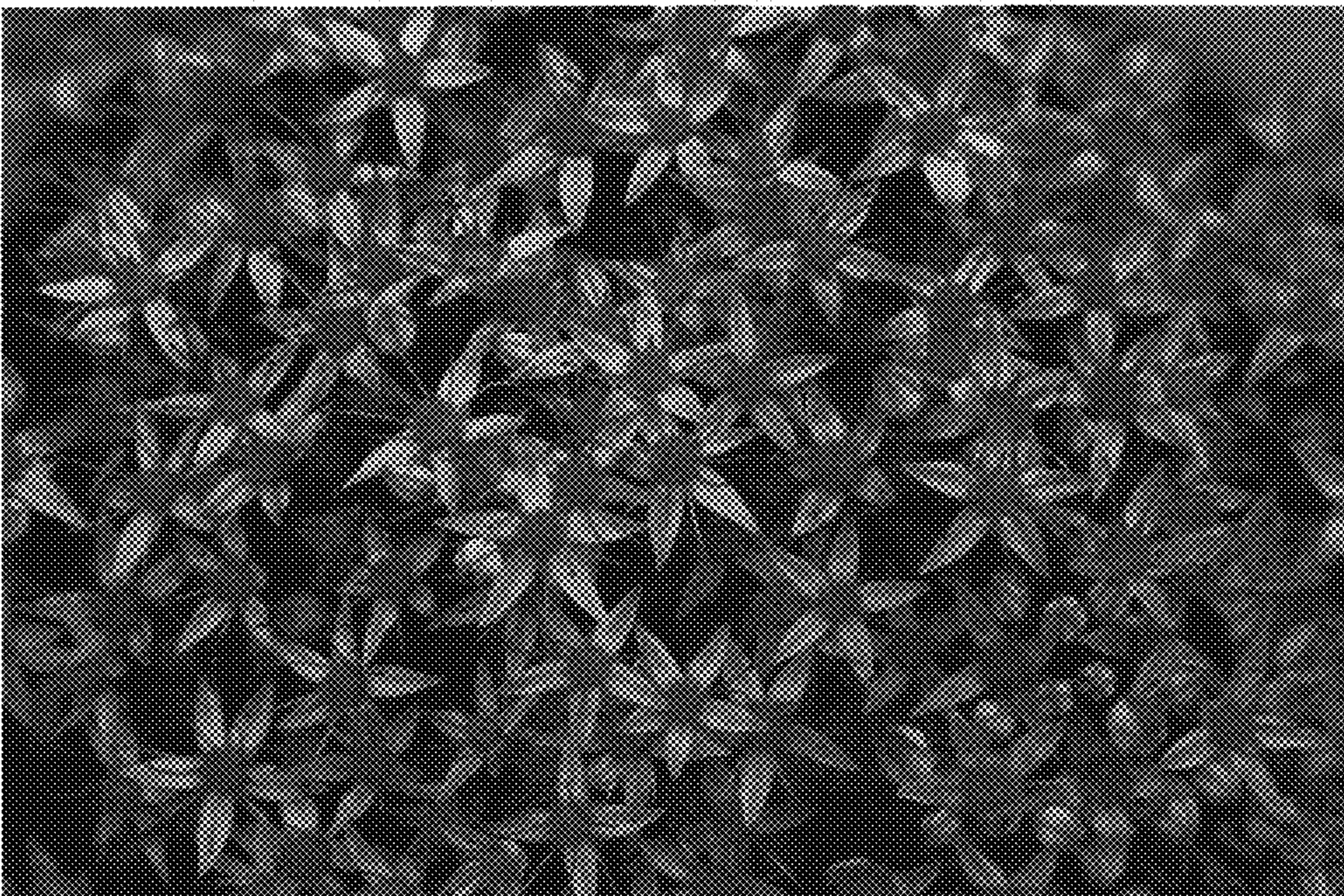


Fig. 2.

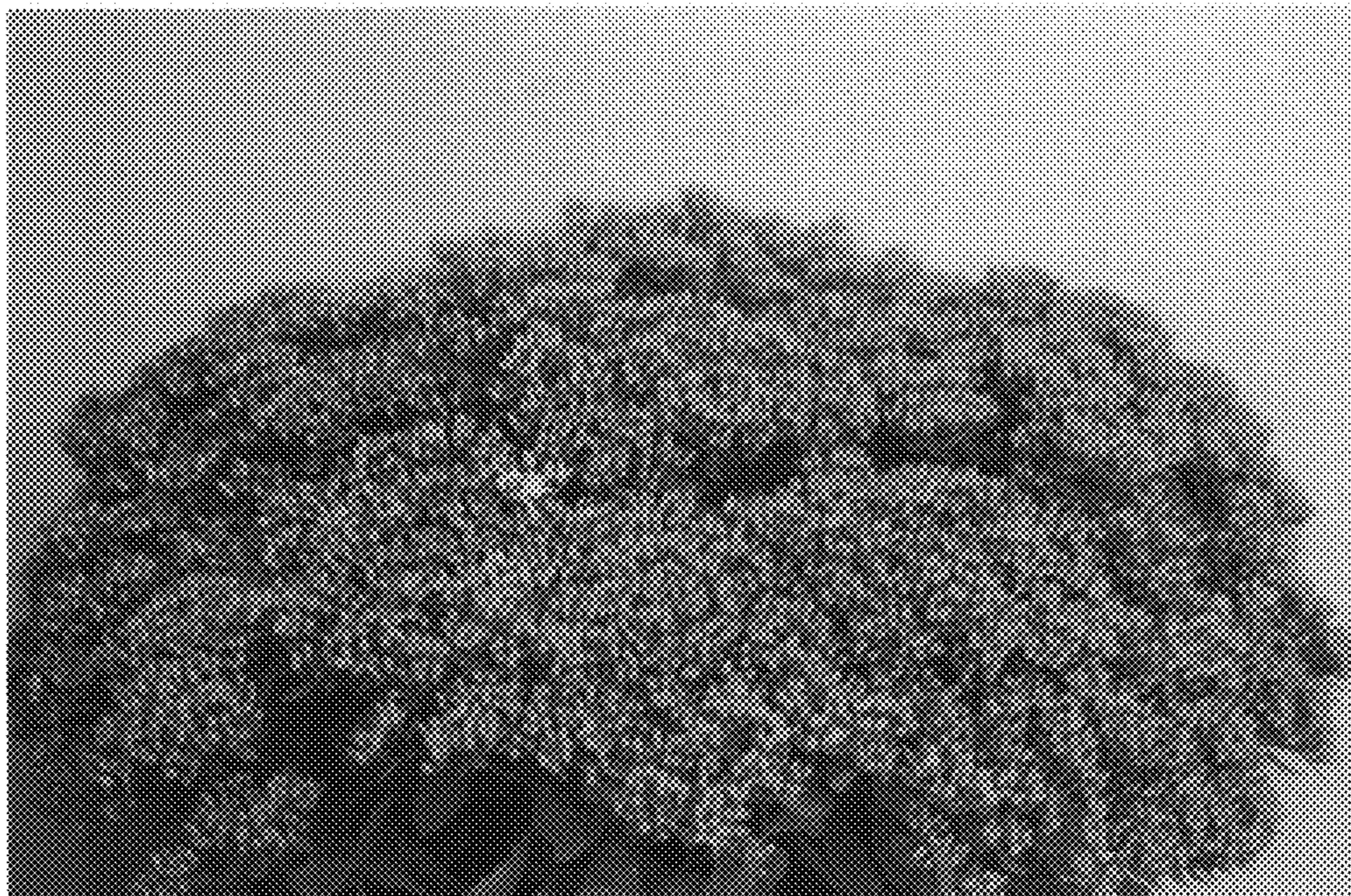


Fig. 3.