

US00PP27447P3

**(12) United States Plant Patent
Stemkens****(10) Patent No.: US PP27,447 P3
(45) Date of Patent: Dec. 6, 2016****(54) LAVANDULA PLANT NAMED 'LAAZ0005'****(50) Latin Name: *Lavandula angustifolia*
Varietal Denomination: LAAZ0005****(71) Applicant: SYNGENTA PARTICIPATIONS AG,
Basel (CH)****(72) Inventor: Henricus Godefridus Wilhelmus
Stemkens, Enkhuizen (NL)****(73) Assignee: Syngenta Participations AG, Basel
(CH)****(*) Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.**(21) Appl. No.: 14/756,614****(22) Filed: Sep. 24, 2015****(65) Prior Publication Data**
US 2016/0174449 P1 Jun. 16, 2016**Related U.S. Application Data****(60) Provisional application No. 62/090,543, filed on Dec. 11, 2014.****(51) Int. Cl.**
A01H 5/02 (2006.01)**(52) U.S. Cl.**
USPC **Plt./445****(58) Field of Classification Search**
USPC Plt./445
See application file for complete search history.**(56) References Cited**

PUBLICATIONS

PLUTO Plant Variety Database Sep. 2, 2016. p. 1.*

* cited by examiner

Primary Examiner — Annette Para

(74) Attorney, Agent, or Firm — Joshua L. Price**(57) ABSTRACT**A new *Lavandula* plant named 'LAAZ0005' particularly distinguished by violet-blue flowers, medium green foliage with hardly any greyish hue, about medium sized plants with a well-branched, relatively tight and upright habit. The flowering season is very long.**1 Drawing Sheet****1**Latin name of the genus and species of the plant claimed:
Lavandula angustifolia.

Varietal denomination: 'LAAZ0005'.

BACKGROUND OF THE NEW PLANTThe present invention comprises a new *Lavandula*, botanically known as *Lavandula angustifolia*, and hereinafter referred to by the variety name 'LAAZ0005'.

'LAAZ0005' is a product of a planned breeding program. The new cultivar has violet-blue flowers, a very long flowering season, medium green foliage with hardly any greyish hue, about medium sized plants with a well-branched, relatively tight and upright habit.

'LAAZ0005' originated from a pollination made in July 2008 in a greenhouse in Enkhuizen, Netherlands.

The female parent was the unpatented, proprietary plant designated 'L5071-4', with blue violet flowers, a more mounding habit, and flowering 18 days later when compared to 'LAAZ0005'.

The male parent of 'LAAZ0005' is unknown.

The resultant seed was sown in January 2010 and grown outdoors in Enkhuizen, Netherlands. 'LAAZ0005' was selected as a single flowering plant within the progeny of the stated cross on July 23 in Enkhuizen, Netherlands.

The first act of asexual reproduction of 'LAAZ0005' was accomplished when vegetative cuttings were propagated from the initial selection July 2011 in a greenhouse in Enkhuizen, Netherlands.

BRIEF SUMMARY OF INVENTION

Horticultural examination of plants grown from cuttings of the plant initiated in July 2011, and continuing thereafter,

2

has demonstrated that the combination of characteristics as herein disclosed for 'LAAZ0005' are firmly fixed and are retained through successive generations of asexual reproduction.

'LAAZ0005' has not been observed under all possible environmental conditions. The phenotype may vary significantly with variations in environment such as temperature, light intensity and day length.

A Plant Breeder's Right for this cultivar was applied for in the European Union Community Office (CPVO) on Oct. 17, 2013, No. 2013/2674. 'LAAZ0005' has not been made publicly available more than one year prior to the filing of this application.

The following traits have been repeatedly observed and are determined to be basic characteristics of the new variety. The combination of these characteristics distinguishes this *Lavandula* as a new and distinct variety.**BRIEF DESCRIPTION OF THE PHOTOGRAPHS**

The accompanying photographic drawings show typical flower and foliage characteristics of 'LAAZ0005' with colors being as true as possible with an illustration of this type.

The photographic drawings show in FIG. 1 a close view of an inflorescence and in FIG. 2 a whole flowering plant from an outdoor trial.

DETAILED BOTANICAL DESCRIPTION

The plant descriptions and measurements were taken outdoors in Enkhuizen, Netherlands on Jul. 25, 2015 on about 13 week old plants. Rooted cuttings had been planted, one plant per pot, in 13 cm pots in week 15, 2015. The plants were not pinched.

The aforementioned photographs: FIGS. 1 and 2 were taken in Enkhuizen, Netherlands Aug. 20, 2013, and using an about 20 week old plant in a 13-cm pot from an outdoor trial.

Color references are made to The Royal Horticultural Society Colour Chart (R.H.S.) 2001.

TABLE 1

DIFFERENCES BETWEEN THE NEW VARIETY 'LAAZ0005'
AND A MOST SIMILAR VARIETY

	'LAAZ0005'	'LAAZ0001', also known as 'Sentivia Blue' (U.S. Plant Pat. No. 23,528)
Flowering response:	Earlier by about 2 weeks	Start of flowering later
Plant size:	Smaller	Taller
Length of inflorescence (spike), without peduncle:	Up to 7 cm	Up to 8 cm

Plant:

Form, growth and habit.—Compact, upright, freely branching.

Plant height.—18.0-23.0 cm.

Plant height (inflorescence included).—About 28.5 cm.

Plant width.—About 37.0 cm.

Roots:

Number of days to initiate roots.—About 11 days at about 20 degrees C.

Number of days to produce a rooted cutting.—3-4 weeks at 18 degrees C.

Type.—Fine, fibrous, free branching.

Color.—Closest RHS 155D.

Foliage:

Type.—Opposite; decussate, sessile.

Fragrance.—Strong.

Immature, leaf color, upper surface.—RHS 137B.

Immature, leaf color, lower surface.—RHS 137C.

Mature, leaf color, upper surface.—RHS 138A.

Mature, leaf color, lower surface.—RHS 139C.

Length.—5.0-6.4 cm.

Width.—0.9 cm.

Shape.—Ligulate.

Base shape.—Sessile.

Apex shape.—Acute.

Margin.—Entire.

Texture, upper surface.—Pubescent.

Texture, lower surface.—Pubescent.

Color of veins, upper surface.—RHS 143B.

Color of veins, lower surface.—RHS 143C.

Stem:

Number of main stems per plant.—About 12-23.

Color of stem.—RHS N138B.

Length of stem.—About 16.0-19.0 cm.

Diameter.—0.25 cm.

Length of internodes.—2.5-4.5 cm.

Shape of stem.—Square.

Strength.—Good.

Texture.—Pubescent.

Peduncle color.—RHS N138C.

Peduncle length.—About 12.0 cm.

Peduncle diameter.—0.2 cm.

Peduncle strength.—Strong.

Peduncle texture.—Pubescent.

Inflorescence:

Flowering season.—From June until October.

Type.—Flowers in compact spikes, terminal on stems; flowers stay open all day.

Number of open flowers per inflorescence.—About 125 in various stages of development.

Quantity of inflorescences per plant.—About 25-35.

Lastingness of individual blooms on the plant.—About 4 days.

Bud (when first showing color):

Color.—RHS 90B.

Length.—0.4 cm.

Width.—0.3 cm.

Shape.—Oval.

Corolla:

Immature, color of petals, upper surface.—RHS 90B.

Immature, color of petals, lower surface.—RHS 90B.

Spike horizontal diameter.—2.9 cm.

Spike height.—7 cm.

Mature, color of petals, upper surface.—RHS 93B.

Mature, color of petals, lower surface.—RHS 93B.

Petal length.—0.2 cm.

Petal diameter.—0.2 cm.

Apex.—Obtuse.

Margin.—Entire.

Shape.—Rounded.

Base.—Fused.

Degree of lobation.—Moderate.

Texture, upper surface.—Glabrous.

Texture, lower surface.—Glabrous.

Corolla tube, color, outer surface.—RHS 84A and RHS N155B.

Corolla tube, color, inner surface.—RHS 84A and RHS N155B.

Corolla tube length.—0.3 cm.

Diameter (at opening).—0.2 cm.

Corolla tube texture, outer surface.—Glabrous.

Corolla tube texture, inner surface.—Glabrous.

Calyx:

Form.—All sepals fused to form tube around the corolla.

Color.—RHS N88B.

Length of tube.—0.3 cm.

Width of tube.—0.2 cm.

Texture, outer surface.—Pubescent.

Texture, inner surface.—Glabrous.

Reproductive organs:

Number of stamens.—4.

Filament color.—RHS 155C.

Filament length.—0.2 cm.

Filament diameter.—0.05 cm.

Anther color.—RHS N167A.

Anther length.—0.05 cm.

Anther shape.—Reniform.

Pollen color.—RHS 163B.

Pollen amount.—Sparse.

Pistil.—1 per flower.

Pistil length.—0.4 cm.

Style color.—RHS 150D.

Style length.—0.2 cm.

Stigma color.—RHS N199C.

Fertility/seed set: Has not been observed.

Disease/pest resistance: Has not been observed.

What is claimed is:

1. A new and distinct cultivar of *Lavandula* plant named 'LAAZ0005', as substantially illustrated and described herein.

* * * * *

5

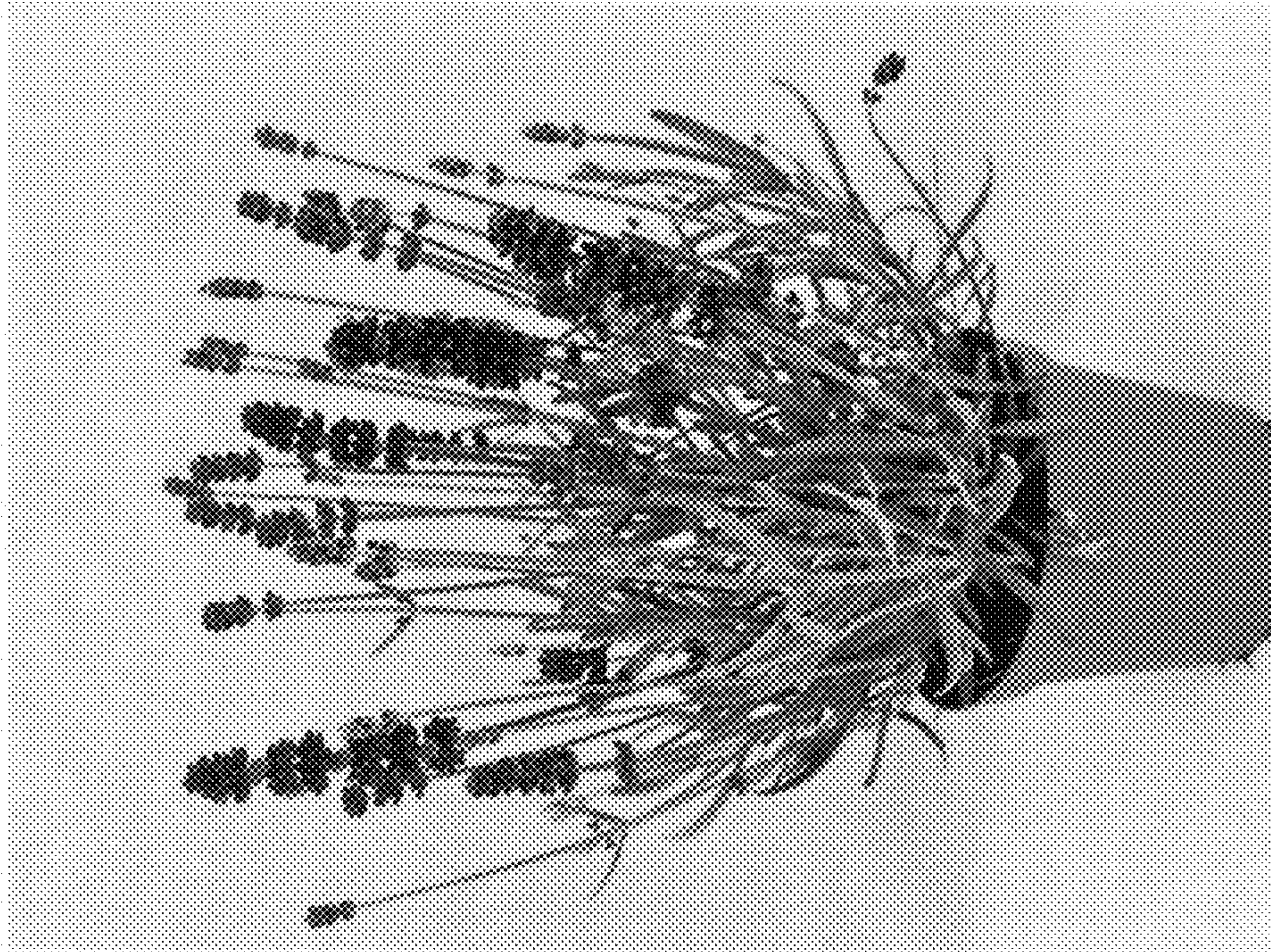


Figure 2

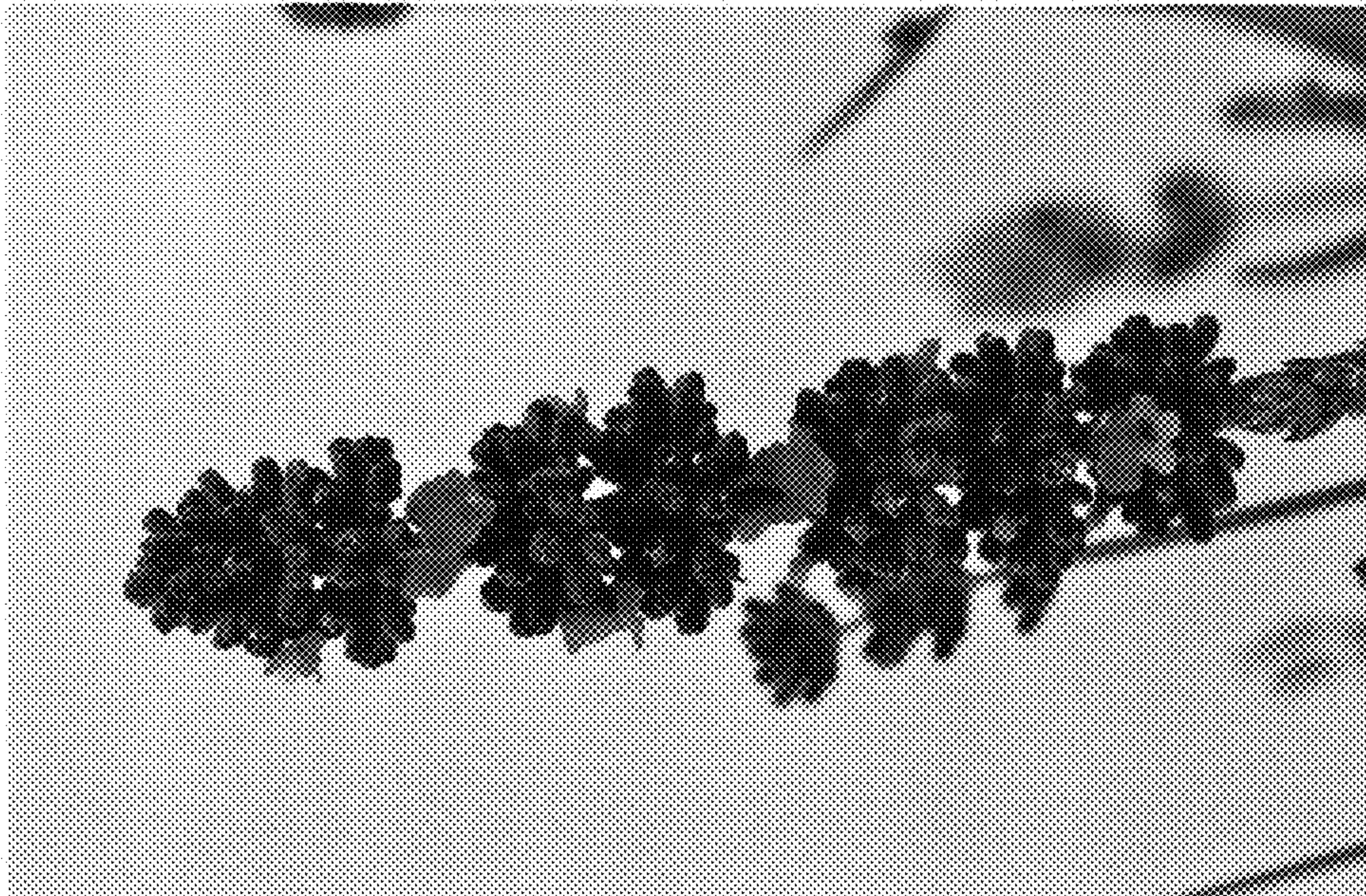


Figure 1