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

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- (54) **CARYOPTERIS ‘DCARBHEYBAR’**
(50) Latin Name: *Caryopteris incana*
Varietal Denomination: **DCARBHEYBAR**
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patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.
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- (52) **U.S. Cl.**
USPC **Plt./226**
(58) **Field of Classification Search**
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See application file for complete search history.

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(57) **ABSTRACT**
A new and distinct variety of *Caryopteris* plant named
‘DCARBHEYBAR’ is disclosed, characterized by tight, dense
growth and rich pink flowers. Plants are well suited to
container culture. The new variety is a *Caryopteris*, nor-
mally used for ornamental horticulture purposes.

3 Drawing Sheets

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Latin name of the genus and species: *Caryopteris incana*.
Variety denomination: ‘DCARBHEYBAR’.

BACKGROUND OF THE INVENTION

The new *Caryopteris* cultivar is a product of chance
discovery. The new variety was discovered as a naturally
occurring whole plant mutation at a research greenhouse in
Moshav Mishmar Hashiva, Israel. The interesting whole
plant mutation was discovered during the Fall of 2015.

The parent variety is the unpatented, proprietary variety
referred to as *Caryopteris* ‘CT-13-163’.

Asexual reproduction of the new cultivar has been per-
formed by terminal vegetative cuttings. This was first per-
formed at a research greenhouse in Moshav Mishmar
Hashiva, Israel during 2016 and has shown that the unique
features of this cultivar are stable and reproduced true to
type in more successive generations.

SUMMARY OF THE INVENTION

The cultivar ‘DCARBHEYBAR’ has not been observed
under all possible environmental conditions. The phenotype
may vary somewhat with variations in environment such as
temperature, day length, and light intensity, without, how-
ever, any variance in genotype.

The following traits have been repeatedly observed and
are determined to be the unique characteristics of ‘DCAR-
BEYBAR’ These characteristics in combination distinguish
‘DCARBHEYBAR’ as a new and distinct *Caryopteris* culti-
var:

1. Rich pink flower color.
2. Attractive, tight, dense plant habit.
3. Very good performance as a container plant.

Plants of the new cultivar ‘DCARBHEYBAR’ are similar
to plants of the parent, *Caryopteris* ‘CT-13-163’ in most
horticultural characteristics, however, plants of the new
cultivar ‘DCARBHEYBAR’ differ in the following;

1. The new variety has a darker immature petal color near
Red-Purple 62A, the parent has an immature petal color
close to 65B.

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2. The new variety has a darker mature petal color near
Red-Purple 65C, the parent has an immature petal color
close to White N155B.
3. The new variety has longer petals then the parent.

COMMERCIAL COMPARISON

Plants of the new cultivar ‘DCARBHEYBAR’ are compa-
rable to the unpatented commercial variety *Caryopteris*
‘Pavillion Pink’. The two *Caryopteris* varieties are similar in
most horticultural characteristics; however, the new variety
‘DCARBHEYBAR’ differs in the following:

1. The new variety has darker pink flowers than this com-
parator.
2. The new variety has single flowers; this comparator has
semi-double flowers.

Plants of the new cultivar ‘DCARBHEYBAR’ can also be
compared to the unpatented commercial variety *Caryopteris*
‘Pink Perfection’. The two *Caryopteris* varieties are similar
in most horticultural characteristics; however, the new vari-
ety ‘DCARBHEYBAR’ differs in the following:

1. Plants of the new variety are denser, with more branches.
2. Inflorescences of the new variety are denser, with more
flowers per inflorescence.
3. Foliage of the new variety is green; foliage of this
comparator is grey-green.
4. Foliage of the new variety is much wider than foliage of
this comparator.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

The accompanying photograph in FIG. 1 illustrates in full
color a typical flowering plant of ‘DCARBHEYBAR’ grown
in a polyhouse in Grand Haven, Mich. Age of the plant
photographed is approximately 2 years old from a rooted
cutting.

FIG. 2 illustrates a field grown flowering plant of the new
variety in Grand Haven, Mich. at about 2 years of age.

FIG. 3 illustrates a close up of flowers and flower buds.
The photographs were taken using conventional tech-
niques and although colors may appear different from actual

colors due to light reflectance it is as accurate as possible by conventional photographic techniques.

DETAILED BOTANICAL DESCRIPTION

In the following description, color references are made to The Royal Horticultural Society Colour Chart 2015 except where general terms of ordinary dictionary significance are used. The following observations and measurements describe 'DCARBEBYBAR' plants grown in a poly house during July of 2017 in Grand Haven, Mich. The growing temperature ranged from approximately 18° C. to 27° C. during the day and from approximately 5° C. to 10° C. during the night. General light conditions are normal sunlight and numerical values represent averages of typical plant types. Measurements were taken during the Summer of 2020.

Botanical classification: *Caryopteris incana* 'DCARBEBYBAR'.

PROPAGATION

Type of propagation typically used: Vegetative terminal cuttings.

Time to initiate roots: About 7 days at 20-25° C.

Time to produce a rooted cutting or liner: About 15-20 days at 20-25° C.

Root description: Fibrous system.

PLANT

Type: Flowering perennial shrub.

Age of plant described: Approximately 2 years from rooted cutting, planted in a 3 gallon pot.

Overall plant shape or growth habit: Upright and somewhat outwardly growing.

Plant spread: About 39 cm.

Plant height: Approximately 42 cm.

Growth rate: Moderate.

Length of primary lateral branches: Approximately 35 cm.

Diameter of lateral branches: About 5 mm.

Angle: Acute angle, less than 45 degrees from center of plant.

Quantity of lateral branches: About 15 branches.

Color.—Near Green 143C.

Texture.—Pubescent.

Shape.—Oval to rectangular.

Internode length: Approximately 1.5 cm to 1.75 cm.

FOLIAGE

Leaf:

Arrangement.—Opposite, single.

Quantity.—Approximately 22 per main branch.

Average length.—Approximately 4 cm.

Average width.—Approximately 2.5 cm.

Shape of blade.—Deltoid.

Apex.—Acute.

Base.—Obtuse.

Attachment.—Petiolate.

Margin.—Crenate.

Texture of top surface.—Soft, velvety.

Texture of bottom surface.—Soft, velvety.

Color.—Young foliage upper side: Near Green N137A.

Young foliage under side: Near Yellow-Green 147B.

Mature foliage upper side: Near Green N137A.

Mature foliage under side: Near Yellow-Green 147B.

Venation.—Type: Pinnate. Venation color upper side: Near Yellow-Green 148B. Venation color under side: Near Yellow-Green 145B.

Petiole.—Average Length: Approximately 7.5 mm. Diameter: Approximately 2 mm. Texture: Softly pubescent. Color: Upper: Near Brown 200D. Under: Near Greyed-Green 194A lightly flushed Brown 200D.

FLOWER

Natural flowering season: Late Summer.

Inflorescence type and habit: Axillary cymes composed of single flowers.

Flower longevity on plant: Approximately 7 days.

Quantity of flowers: About 6-12 blooming spikes per each stem at the same time.

Inflorescence size:

Height.—Approximately 3.4 cm.

Diameter.—Approximately 2.5 cm.

Flowers and buds per inflorescence.—About 100 flowers and 100 buds.

Individual flowers:

Petal arrangement.—Zygomorphic with bilabiate petal.

Arrangement.—Simple.

Size.—Diameter: Approximately 0.4 cm. Length: Approximately 0.4 cm.

Persistence.—Self-Cleaning.

Fragrance.—None.

Petals:

Quantity.—5.

Shape.—Obovate, with deep dentations/spurs at apex.

Margin.—Entire.

Apex shape.—Emarginate and spurred/deeply dentate.

Length.—About 4 mm. Tube: About 2 mm. Lower lip: 0.2 cm. Tube: About 1 mm.

Texture.—Glabrous. Tube: Glabrous.

Color: Upper Lip:

When opening.—Inner surface: Near Red-Purple 62A. Outer surface: Near Purple 75C.

Fully opened.—Inner surface: Near Red-Purple 65C. Outer surface: Near Purple 75C.

Fading.—Inner surface: Near Purple 75C. Outer surface: Near Purple 75C.

Color: Lower Lip:

When opening.—Inner surface: Near Red-Purple 62A. Outer surface: Near Purple 75C.

Fully opened.—Inner surface: Near Red-Purple 65C. Outer surface: Near Purple 75C.

Fading.—Inner surface: Near Purple 75C. Outer surface: Near Purple 75C.

Color: Tube:

When opening.—Inner surface: Near Red-Purple 62A. Outer surface: Near Red-Purple 62A.

Fully opened.—Inner surface: Near Red-Purple 62C. Outer surface: Near Red-Purple 62C.

Fading.—Inner surface: Near Purple 75C. Outer surface: Near Purple 75C.

Bud:

Shape.—Spherical.

Length.—Approx. 0.2 cm.

Diameter.—Approx. 0.2 cm.

Color.—Near Red-Purple 62A.

Sepals:

Shape.—Linear.
Quantity per flower.—5.
Length.—Approximately 0.2 cm.
Width.—Approximately 0.1 cm.
Margin.—Entire.
Texture.—Pubescent.
Color.—Near Yellow-Green 144C.

Peduncle:

Length.—1.5 cm.
Diameter.—0.2 cm.
Texture.—Softly pubescent.
Color.—Near Yellow-Green 144D heavily flushed
Greyed-Purple 186A and 186B.
Angle.—Upright, about 30 degrees from center.
Strength.—Very elastic and strong.

Pedice:

Length.—3 mm.
Diameter.—1 mm.
Texture.—Softly pubescent.
Color.—Near Yellow-Green 144D heavily flushed
186B.
Angle.—About 45 degrees.
Strength.—Strong, not easily broken.

REPRODUCTIVE ORGANS

Stamens:

Number.—5 per flower.
Filament length.—Approximately 0.6 cm.

Anthers:

Shape.—Round.
Length.—About 1 mm.
Color.—Near Greyed-Purple 186D.
Pollen.—Color: Near White N155B. Quantity: Scant.

Pistil:

Number.—1 per flower.
Length.—Approximately 1 cm.
Style.—Length: Approximately 0.9 cm. Color: Near
White N155B.
Stigma.—Shape: Linear. Color: Near White N155B.
Ovary color: Near Yellow-Green 144B.

OTHER CHARACTERISTICS

Fruits and seeds: Not observed to date.
Disease/pest resistance: Neither resistance nor susceptibility
to normal diseases of *Caryopteris*. Typical pathogens
include *Prodenia* and *Botrytis*. Typical pests include vari-
ous Aphid and mite species.
Temperature tolerance: -26° C. lowest temperature tolerant,
likely to tolerate colder. Highest temperature tolerant to
35° to 40° C.
Garden performance: Low maintenance, needs well drained
soil.

What is claimed is:

1. A new and distinct cultivar of *Caryopteris* plant named
'DCARBEYBAR' as herein illustrated and described.

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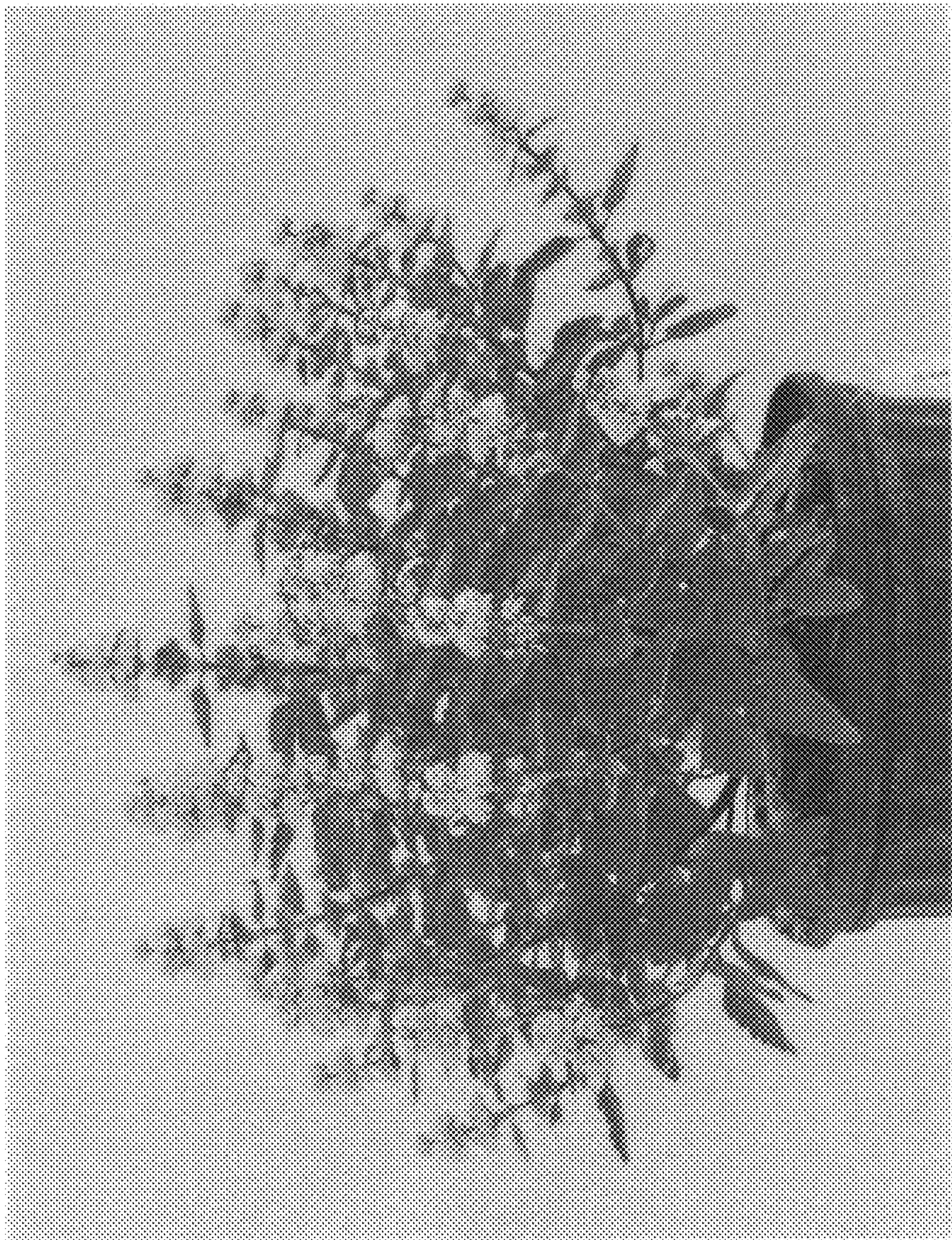


FIG. 1

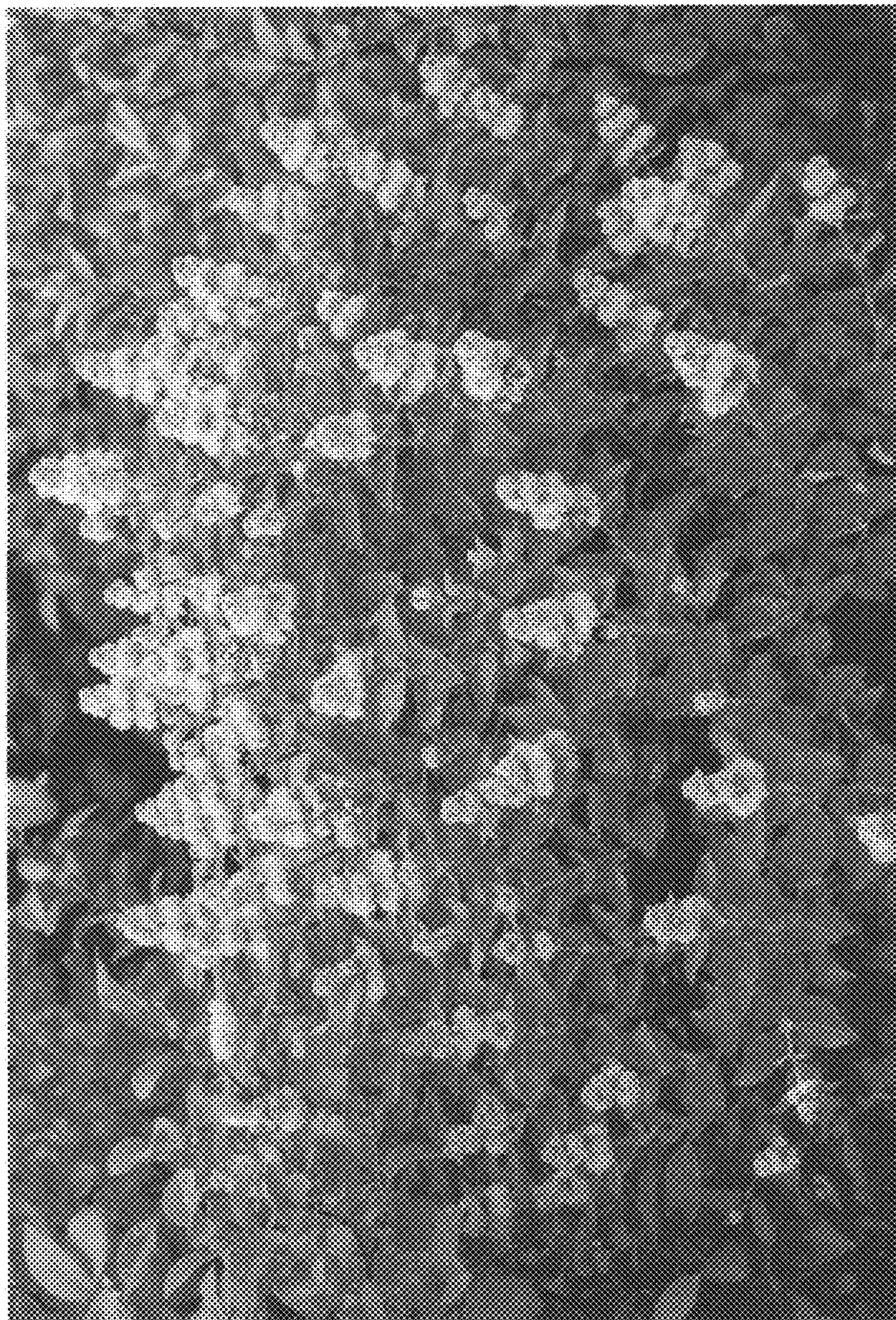


FIG. 2

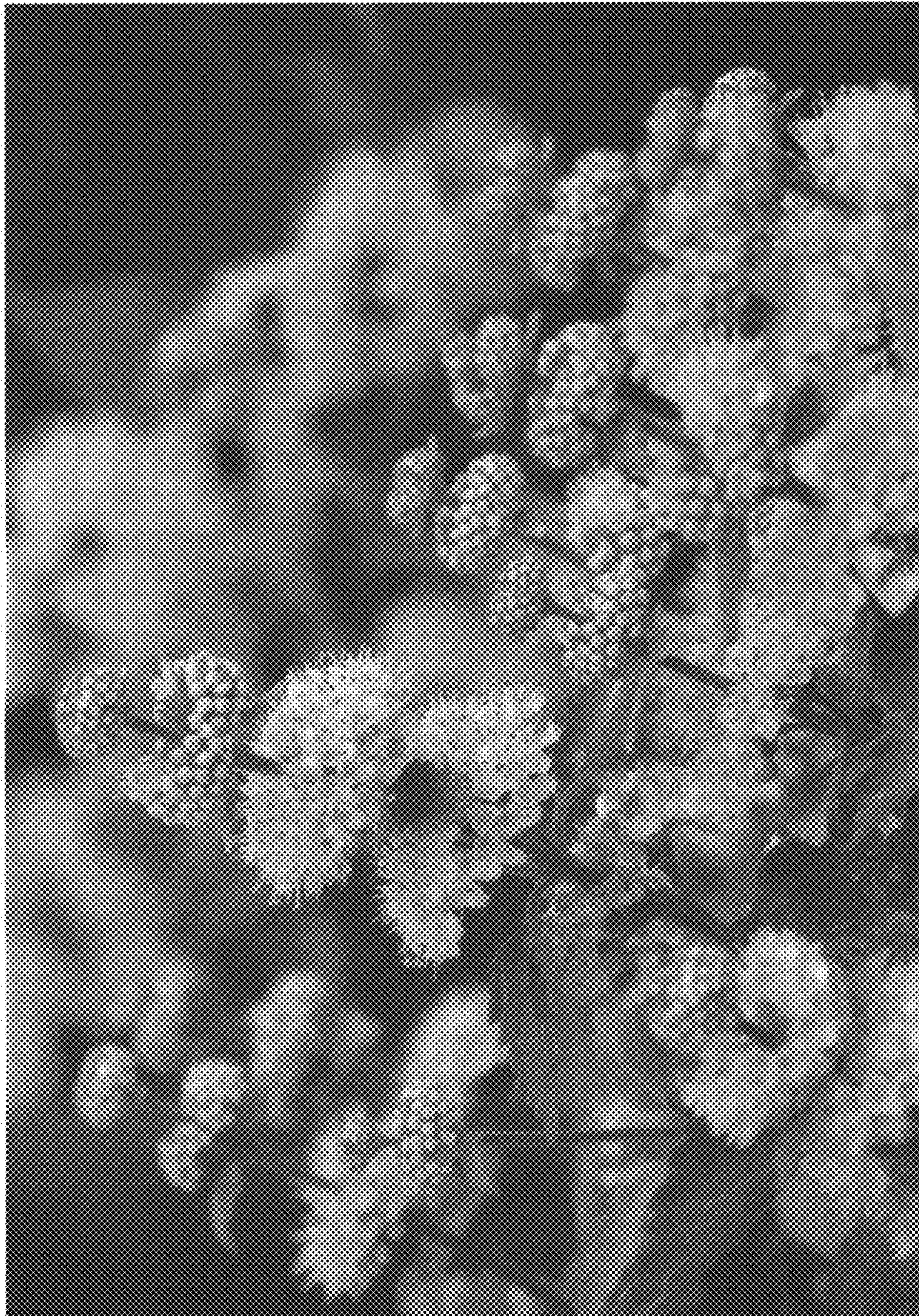


FIG. 3