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

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(54) **INTERSPECIFIC *DIASCIA* PLANT NAMED
'BALWINCOR'**

(50) Latin Name: *Diascia barbara* × *Diascia
integerimma* × *Diascia mollis*
Varietal Denomination: **Balwincor**

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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 0 days.

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(51) **Int. Cl.**⁷ **A01H 5/00**

(52) **U.S. Cl.** **Plt./263**

(58) **Field of Search** **Plt./263**

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(57) **ABSTRACT**

A new and distinct *Diascia* plant named 'Balwincor', char-
acterized by its coral-colored flowers, medium green-
colored foliage, and spreading and trailing growth habit.

1 Drawing Sheet

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Latin name of genus and species of plant claimed: *Diascia
barbara* × *Diascia integerimma* × *Diascia mollis*.
Variety denomination: 'Balwincor'.

BACKGROUND OF INVENTION

The present invention relates to a new and distinct Inter-
specific *Diascia* plant hereinafter referred to by the cultivar
name 'Balwincor'.

The new cultivar was developed by the inventor in a
controlled breeding program during June 2000, at
Guadalupe, Calif. The objective of the breeding program
was the development of *Diascia* cultivars with a well-
branched, spreading growth habit, continuous flowering and
medium green foliage.

The female (seed) parent of 'Balwincor' was the propri-
etary Interspecific *Diascia* selection designated '316-2m-1'
(not patented) characterized by its coral-colored flowers,
dark green foliage and bushy growth habit. The male
(pollen) parent of 'Balwincor' was the proprietary Interspe-
cific *Diascia* selection designated '400-2' (not patented),
characterized by its light lavender-colored flowers, dark
green foliage and prostrate growth habit. 'Balwincor' was
discovered and selected in December, 2000 as a single
flowering plant from within the progeny of the above stated
cross-pollination and was initially designated '593-3m-2-1-
1'.

Asexual reproduction of the new cultivar by terminal stem
cuttings since December 2000 at Guadalupe, Calif. and West
Chicago, Ill., has demonstrated that the new cultivar repro-
duces true to type with all the characteristics, as herein
described, firmly fixed and retained through successive
generations of such asexual propagation.

SUMMARY OF INVENTION

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.

It was repeatedly found that the cultivar of the present
invention:

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1. Exhibits coral-colored flowers,
2. Forms foliage of a medium green color, and
3. Exhibits a spreading and trailing growth habit.

Plants of the new cultivar differ from plants of the female
parent primarily in foliage color and from plants of the male
parent primarily in flower and foliage color.

The new cultivar can be compared to the commercially
available *Diascia* variety Sun Chimes Peach(not patented).
However, in side by side comparisons, plants of the new
cultivar differ from plants of Sun Chimes Peach in the
following characteristics:

1. The flowers of the new cultivar are larger,
2. The flowers of the new cultivar are lighter in color, and
3. The leaves of the new cultivar are larger.

BRIEF DESCRIPTION OF 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 'Balwincor'. The plants
were grown for 10 weeks in a greenhouse at West Chicago,
Ill.

FIG. 1 illustrates a side view of the overall growth and
flowering habit of the new cultivar.

FIG. 2 illustrates a close up view of individual flowers of
the new cultivar.

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.

The chart used in the identification of colors described
herein is the R.H.S. Colour Chart of The Royal Horticultural
Society, London, England, 1995 edition except where gener-
al color terms of ordinary dictionary significance are used.
The color values were determined on Jul. 23, 2003. The
readings were taken between 1:00 and 3:00 p.m. under

natural daylight conditions. The plants were produced from cuttings taken from stock plants and were 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 10 weeks while utilizing a soilless growth medium. Greenhouse temperatures were maintained at approximately 62° to 75° F. (17° to 24° C.) during the day and approximately 52° to 60° F. (11° to 15° C.) during the night. Greenhouse light levels were maintained at approximately 5,000–8,000 footcandles during the day.

Botanical classification: Interspecific *Diascia* cultivar 'Balwincor'.

Parentage:

Female parent.—Proprietary Interspecific *Diascia* selection designated '316-2m-1' (not patented).

Male parent.—Proprietary Interspecific *Diascia* selection designated '400-2' (not patented).

Propagation:

Type cutting.—Terminal stem.

Time to initiate roots.—Approximately 14 to 21 days.

Root description.—Fibrous, branching.

Plant description:

Crop time.—Approximately 5 to 7 weeks from planting of rooted cuttings in a 10 cm pot.

Habit of growth.—Vigorous. Forms lateral branches at every node. A mature plant, 10 weeks after the planting of a rooted cutting, measures approximately 19.2 cm in height and approximately 63.4 cm in width with approximately 55 lateral flowering branches.

Form.—Spreading, trailing.

Lateral branch.—Shape: Square. Length: Approximately 34 cm. Diameter: Approximately 1.6 mm. Texture: Glabrous. Internode length at middle of branch length: 4.4 cm. Color: 144B.

Foliage.—Type: Simple. Arrangement: Opposite. Shape: Ovate. Margin: Dentate. Apex: Acute. Base: Cordate. Texture: Glabrous to Puberulent. Quantity of leaves per lateral branch: Approximately 10.8. Leaf length: Approximately 3 cm. Leaf width: Approximately 2.3 cm. Leaf orientation to stem: Obtuse to parallel. Leaf fragrance: None. Venation pattern: Pinnate. Color of mature foliage: Upper surface: 137A with venation of 138B. Color of mature foliage: Lower surface: 137B with venation of 138B. Petiole length: Approximately 6 mm. Petiole diameter: Approximately 1.8 mm. Petiole texture: Upper and lower surfaces: Glabrous. Petiole color: Closest to 144B.

Flowering description:

Flowering habit.—Freely flowering.

Natural flowering season.—Year round in greenhouse environment and spring through autumn in outdoor garden.

Flower arrangement.—Terminal racemes.

Raceme description.—Length: 4.1 cm. Width: 3.9 cm.

Number of flowers per raceme: Approximately 3.

Flower description:

Type.—Solitary, five lobed and zygomorphic with double nectar spurs.

Fragrance.—None.

Aspect.—Concave.

Lastingness of individual bloom.—Approximately 5 days.

Flower.—Shape: Oblong. Width: Approximately 1.9 cm. Length: Approximately 2.1 cm. Depth: Approximately 1 cm.

Petals.—Number: Five, non-imbricate and fused at base. Shape: Obovate. Margin: Entire. Apex: Obtuse. Aspect: Cupped.

Two upper (banner) petals.—Length: Approximately 5 mm. Width: Approximately 6 mm. Texture of upper surface: Glabrous. Texture of lower surface: Moderately glandular. Gland color: 83B. Color of upper surface: 48B with indentation of 7A. Color of lower surface: 48C.

Lateral petals.—Length: Approximately 6 mm. Width: Approximately 8 mm. Texture of upper and lower surface: Glabrous. Color of upper surface: 48B. Color of lower surface: 48C. Sharply curved nectar spurs form at base of each of the lateral petals.

Nectar spurs.—Length: 8.3 mm. Diameter at base: 2 mm. Diameter at tip: 1 mm. Color: 48D with tip of 187A.

Lower petal.—Length: Approximately 1 cm. Width: Approximately 1.3 cm. Texture of upper and lower surface: Glabrous. Color: Upper of surface: 48C. Color of lower surface: 48D.

Sepals.—Quantity: 5. Shape: Lanceolate. Length: Approximately 4 mm. Width: Approximately 1 mm. Apex: Acute. Margin: Entire. Texture: Upper surface: Moderately glandular pubescent. Glands: 71A. Lower surface: Glabrous. Color: Upper and lower surfaces: 137A–146A. Calyx shape: Star. Calyx length: Approximately 4 mm. Calyx diameter: Approximately 6 mm.

Peduncle.—Length: Approximately 5.1 cm. Diameter: Approximately 1 mm. Aspect: At acute angle to branch. Texture: Moderately pubescent. Color: 143C.

Bud.—Shape: Oval, flat. Length: Approximately 8.5 mm. Diameter: Approximately 7.5 mm. Color: 38D.

Reproductive organs.—Androecium: Stamen quantity: Four per flower. Filament length: Approximately 3 mm. Filament color: Anther shape: Oval. Anther length: 1 mm. Anther color: 12B. Amount of pollen: Abundant. Pollen color: 13A. Gynoecium: Pistil quantity: One per flower. Pistil length: 4.3 mm. Stigma shape: Round. Stigma length: 0.3 mm. Stigma color: 154C. Style length: Approximately 2 mm. Style color: 150C. Ovary length: Approximately 2 mm. Ovary color: 144B.

Seed and fruit production: Neither seed nor fruit production has not been observed.

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

Hardiness zone: 'Balwincor' is hardy in zones nine (9) and above.

What is claimed is:

1. A new and distinct cultivar of Interspecific *Diascia* plant named 'Balwincor' substantially, as herein shown and described, which:

1. Exhibits coral-colored flowers,
2. Forms medium green-colored foliage, and
3. Exhibits a spreading and trailing growth habit.

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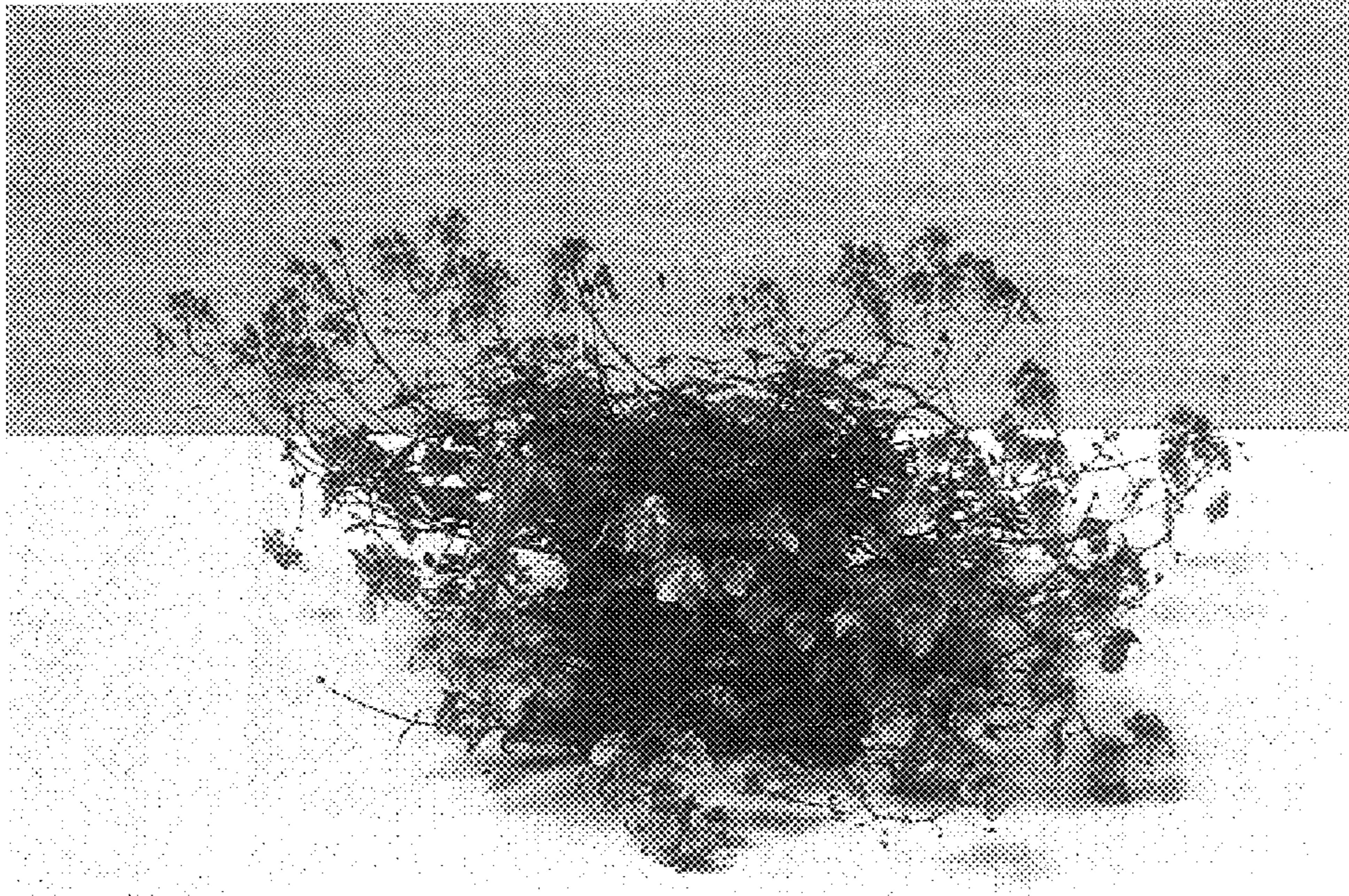


Fig. 1

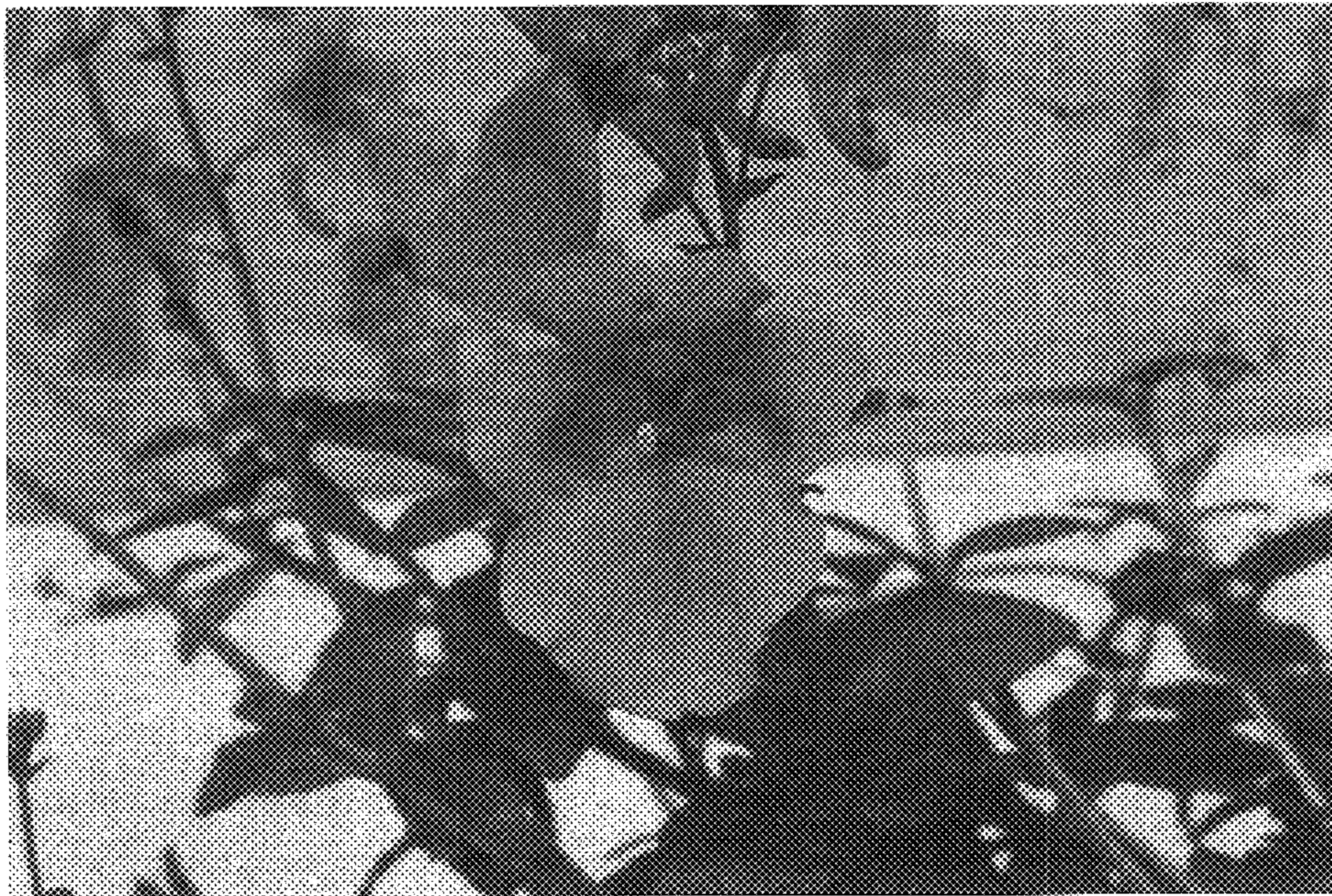


Fig. 2