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United States Patent [19]
Noodelijk

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[54] CHRYSANTHEMUM PLANT NAMED
‘XANTHUS’
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[52] U.S. Cl. Plt./295
[58] Field of Search Plt./295

[56] References Cited
U.S. PATENT DOCUMENTS
P.P. 4,244 4/1978 Greinke Plt./295
P.P. 6,591 2/1989 Sueptitz Plt./295
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Attorney, Agent, or Firm—Parkhurst & Wendel, L.L.P.

[57] ABSTRACT
A chrysanthemum plant named Xanthus characterized by its medium sized blooms with yellow ray and disc florets and mounding prolific branching; early natural season flower date of August 1–4; blooming for a period of 5 weeks.

2 Drawing Sheets

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BACKGROUND OF THE INVENTION

The new plant of the present invention comprises a new and distinct cultivar of chrysanthemum plant that is a cross of unknown *Dendranthema grandiflora* parents. The new and distinct cultivar was a seedling resulting from the open pollination among groups of chrysanthemum cultivars maintained under the control of the inventor for breeding purposes. The new and distinct cultivar was discovered and selected as one flowering plant by Rob Noodelijk on a cultivated field in Rijsenhout, Holland in August, 1996. The plant has been asexually reproduced by cuttings in greenhouses at Rijsenhout, Holland. The new cultivar has been found to retain its distinctive characteristics through successive propagations.

SUMMARY OF THE INVENTION

The present invention is a new and distinct variety of chrysanthemum of a medium sized bloom and yellow color.

BRIEF DESCRIPTION OF THE DRAWINGS

The present invention of a new and distinct variety of chrysanthemum is shown in the accompanying drawings, the color being as nearly true as possible with color photographs of this type.

FIG. 1 shows a plant of the cultivar in various stages of bloom.

FIG. 2 shows the various stages of bloom of the new cultivar.

FIG. 3 shows foliage of the new cultivar.

DESCRIPTION OF THE INVENTION

This new variety of chrysanthemum is of the botanical classification *Dendranthema grandiflora*. The observations and measurements were gathered from plants grown outdoors in Rijsenhout, Holland under natural day length and temperature and planted week 22 in 1997 and 1998. The natural blooming date for this crop was August 1–4 (week 31). The average height of the plants was 20 cms. This new variety produces medium sized blooms with yellow ray and disc florets blooming for a period of 5 weeks.

The following is a description of the plant and characteristics that distinguish Xanthus as a new and distinct variety. The color designations (color designations are from the R.H.S. Colour Chart) are taken from the plant itself.

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Accordingly, any discrepancies between the color designations and the colors depicted in the photographs are due to photographic tolerances.

Botanical Classification CULTIVAR Xanthus	
5	
10	<u>Bud</u>
	Size MEDIUM CROSS SECTION ± 1.3 CM HEIGHT ± 1.5 CM
15	<u>Outside Color</u>
	Bloom YELLOW 3 C
20	Size MEDIUM
	Fully Expanded 5–6 CM
25	Borne (number of blooms per branch) UPPER AND LOWER PORTION
	PLURAL BLOOMS PER BRANCH (APPROX. 6 BLOOMS) FROM TOP TILL BOTTOM APPROX. 11 CM
30	-Length of lateral branch MEDIUM
	-Lateral branch, Attachment Mounding and prolific with 8–10 breaks after pinching
35	-Branching SINGLE(DAISY)
	Form 5 WEEKS
40	Performance (on the plant)
	<u>Color</u>
45	Disc florets At an early stage of inflorescence Yellow 3 A
	Color of the upper surface of the majority of the ray-florets YELLOW 3 A
50	Color of the lower surface of the majority of the ray-florets YELLOW 3 A
	Tonality from Distance A COMPACT GARDENMUM WITH YELLOW SINGLE FLO- WERS
55	Discoloration of the ray florets NONE
	Discoloration of the disc florets To Yellow 13 A
60	Pollen YELLOW-ORANGE 14 A
	<u>Ray florets</u>
65	Texture UPPERSIDE SMOOTH
	UNDERSIDE SMOOTH
70	Number ±23–26
	Cross-section FLAT
75	Longitudinal axis of the majority STRAIGHT
	Shape of tip DENTATE
80	Fragrance TYPICAL CHRYSANTHEMUM
	Disc Diameter SMALL, 1 ½CM

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Botanical Classification	
CULTIVAR Xanthus	
Reproductive Organs	
Stamen (present in disc florets)	YELLOW, THIN, ±4 MM IN LENGTH
Pollen	Present, abundant
Styles (present in both ray and disc florets)	YELLOW, TRIN
Style Length	±4 MM
Stigmas	YELLOW
Stigma Width	±1 MM
Ovaries	ENCLOSED IN CALYX
Plant	
Form	A GARDENMUM (POT MUM) MEANT FOR OUTDOOR USE
Growth	SHORT
Height (from soil level)	±20 CM
Stem Color	NEAR GREEN 144 A
Stem Strength	STRONG
Stem Brittleness	PRESENT
Stem Anthocyanin Coloration	NONE
Natural blooming date	BEGINNING OF AUGUST (WEEK 31)

-continued	
Botanical Classification	
CULTIVAR Xanthus	
Foliage	
Color	UPPERSIDE GREEN 137 A UNDERSIDE GREEN 147 B
Size	SMALL: LENGTH ± 7 CM WIDTH ± 5 CM
Quantity (number per lateral branch)	14–16
Shape	INCURVED
Texture	FLESHY
Ribs and Veins	RIBS AND VEINS NOT SO WELL DEVELOPED
Edge	LOBED
Shape of Base of Sinus Between Lateral Lobes	ROUND
Margin of Sinus Between Lateral Lobes	DIVERGING
Shape of Base Apex	ASYMMETRIC MUCRONATE

I claim:

1. A new and distinct variety of chrysanthemum plant as described and illustrated.

* * * * *

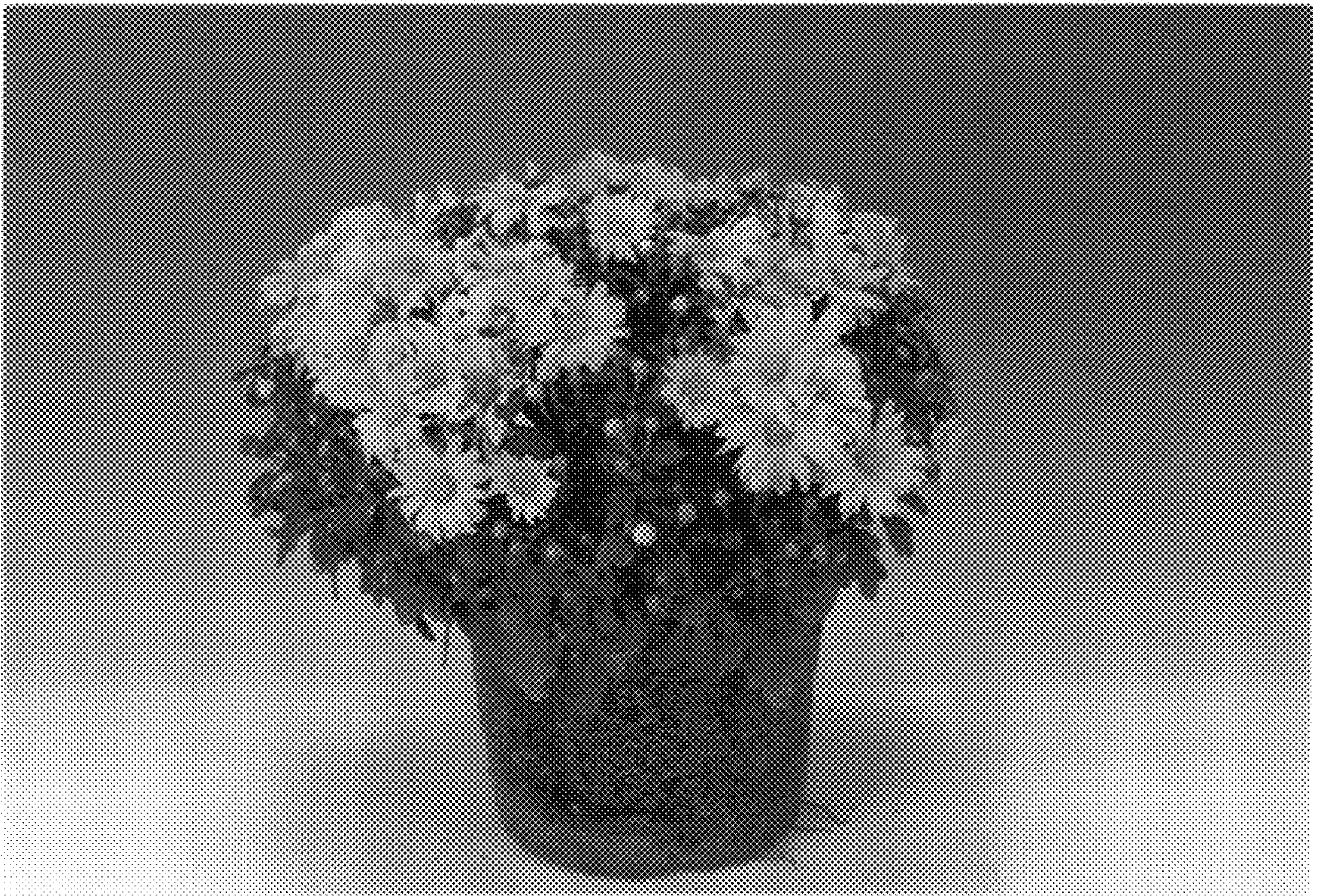


FIG. 1

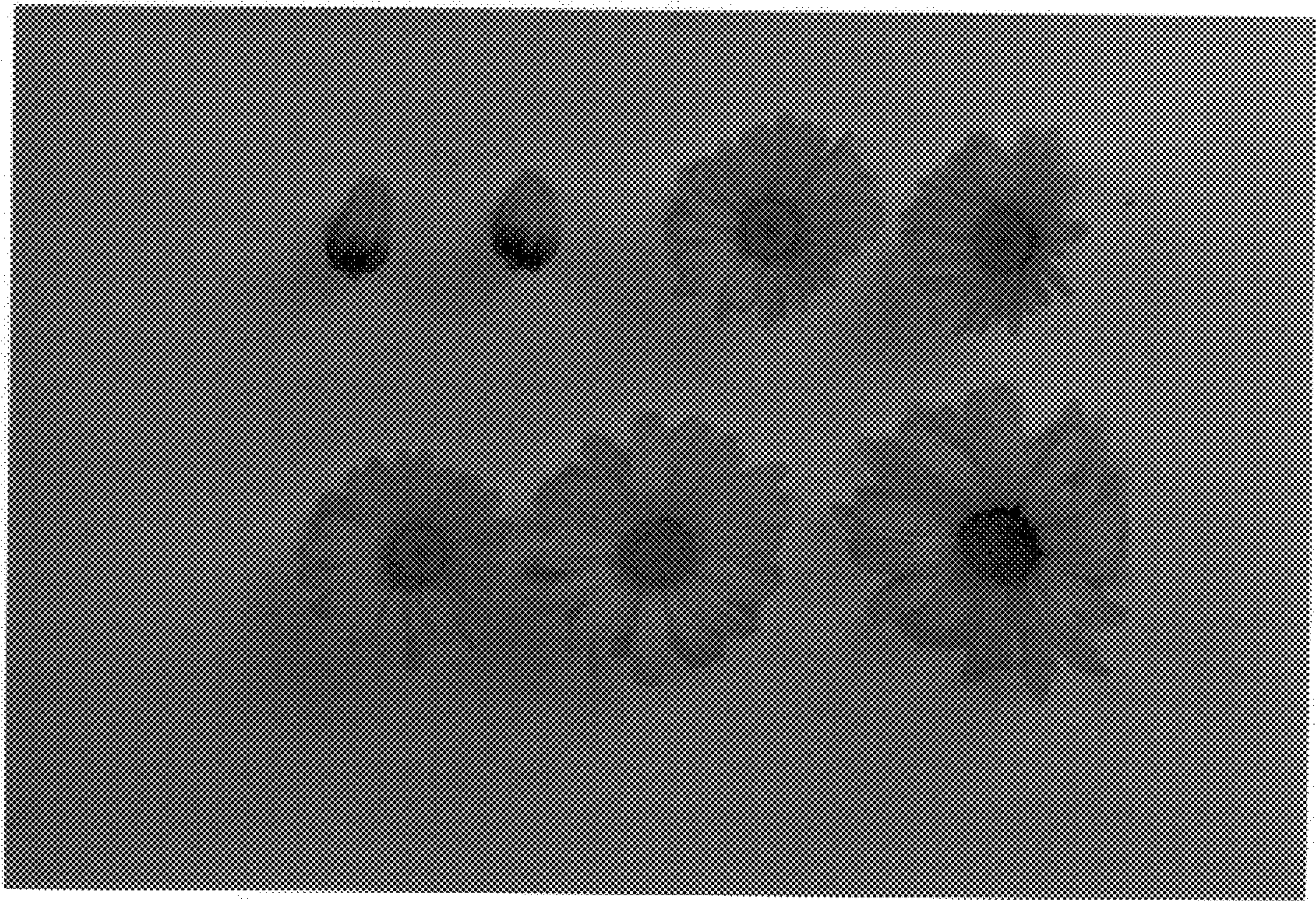


FIG. 2

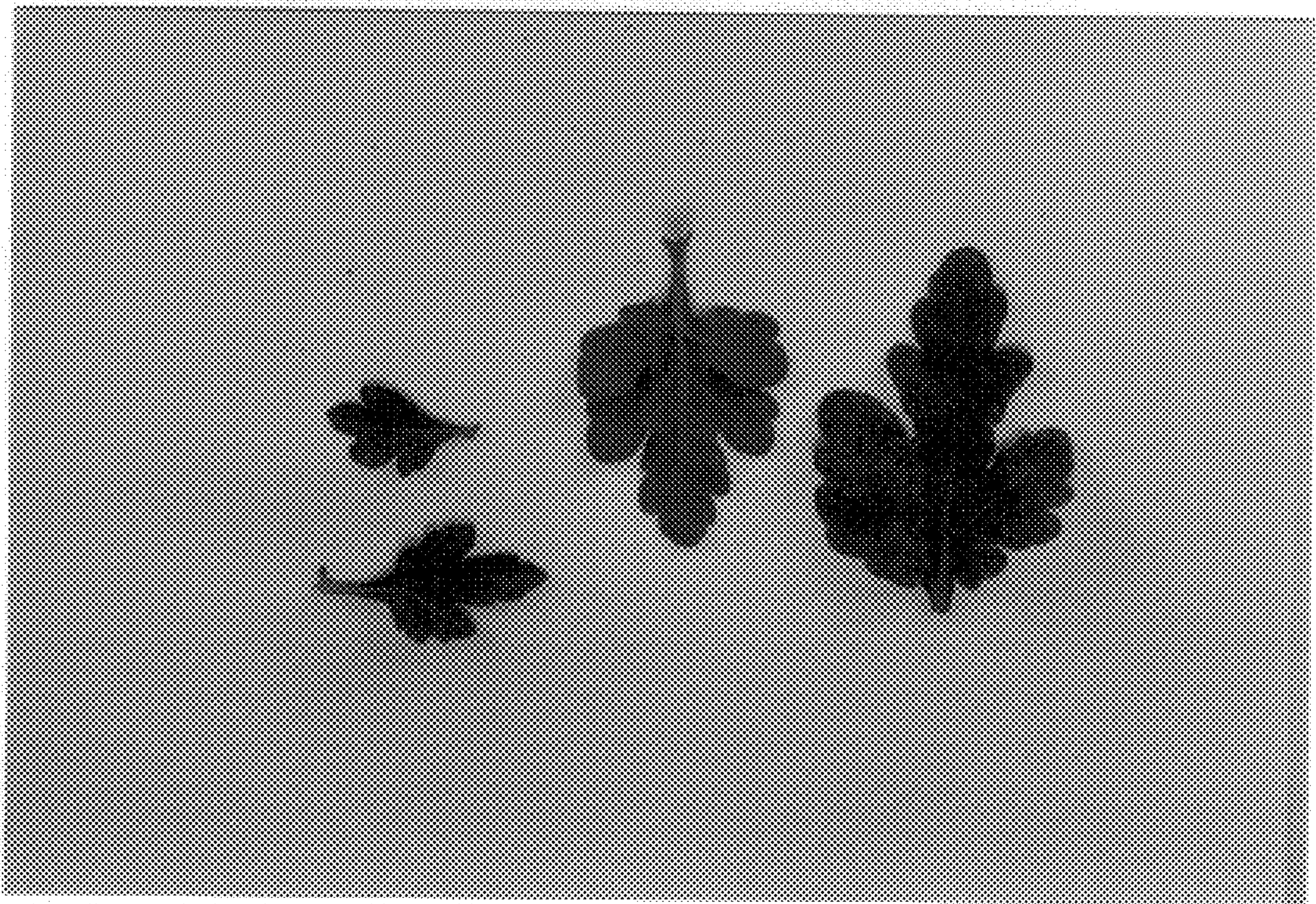


FIG. 3