

US00PP26511P3

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

(10) **Patent No.:** **US PP26,511 P3**
(45) **Date of Patent:** **Mar. 15, 2016**

(54) **CHRYSANTHEMUM PLANT NAMED**
‘ZANMUPIZZA’

(50) Latin Name: *Chrysanthemum*×*morifolium* Ramat.
Varietal Denomination: **Zanmupizza**

(71) Applicant: **Chrysanthemum Breeders Association**
Research B.V., Valkenburg ZH (NL)

(72) Inventor: **Henricus Cornelius Maria Jacobs**,
Valkenburg (NL)

(73) Assignee: **Chrysanthemum Breeders Association**
Research B.V., Valkenburg (NL)

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 187 days.

(21) Appl. No.: **13/998,970**

(22) Filed: **Dec. 30, 2013**

(65) **Prior Publication Data**
US 2015/0189810 P1 Jul. 2, 2015

(51) **Int. Cl.**
A01H 5/00 (2006.01)

(52) **U.S. Cl.**
USPC **Plt./287**

(58) **Field of Classification Search**
USPC Plt./287
See application file for complete search history.

Primary Examiner — Keith Robinson
(74) Attorney, Agent, or Firm — Steptoe & Johnson LLP

(57) **ABSTRACT**
A *chrysanthemum* plant named ‘Zanmupizza’ characterized
by its medium sized blooms with purple ray florets and pro-
lific branching; natural season flowering date September 9-13
(week 37); blooming for a period of 5 weeks.

3 Drawing Sheets

1

Botanical designation: *Chrysanthemum*×*morifolium*
Ramat.
Cultivar denomination: ‘Zanmupizza’.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar
of *chrysanthemum* plant, botanically known as *Chrysante-*
mum×*morifolium* Ramat., commercially known as a garden
mum, and hereinafter referred to by the cultivar denomination
‘Zanmupizza’. ‘Zanmupizza’ is a product of a breeding and
selection program for outdoor pot mums (garden mums)
which had the objective of creating new cultivars with a
double type inflorescence, a natural season flower date
around week 37, blooming for a period of 5 weeks. ‘Zan-
mupizza’ is a seedling resulting from a cross of the female
parent id 30608 (not patented) with the male parent id 22173
(not patented). Plants of the new cultivar ‘Zanmupizza’ differ
from plants of its parent in ray floret color. The ray florets of
the seedling are purple, while they are red in the female parent
and light pink in the male parent.

The new and distinct cultivar was discovered and selected
as a flowering plant by Henricus Cornelius Maria Jacobs on a
cultivated field in Rijsenhout, The Netherlands in 2008. The
first act of asexual production of ‘Zanmupizza’ was accom-
plished when vegetative cuttings from the initial selection in
2008 were propagated further in a controlled environment in
Rijsenhout, The Netherlands. In summer, about 6-8 days are
needed to initiate roots in cuttings of the new plant, after
another 5 days rooted plant are formed. The new cultivar has
been found to retain its distinctive characteristics through
successive propagations.

BRIEF DESCRIPTION OF THE DRAWINGS

The present invention of a new and distinct variety of
chrysanthemum (of about 16 weeks) is shown in the accom-
panying drawings, the color being as nearly true as possible
with color photographs of this type.

2

FIG. 1 shows a plant of the cultivar in full bloom.
FIG. 2 shows the various stages of bloom of the new cul-
tivar.
FIG. 3 shows the various stages of foliage of the new
cultivar.

DESCRIPTION OF THE INVENTION

The observations and measurements were gathered from
plants, in the period of 15 to 22 weeks of age, grown outdoor
in Rijsenhout, The Netherlands under natural day length and
temperature and planted in week 23 in 2013 (with a warm
summer), receiving drip irrigation. The natural blooming date
of this crop was September 9-13 (week 37). The average
height of the plants was 30 cm. No growth retardants were
used. No tests were done on disease or insect resistance or
susceptibility. No tests were done on cold or drought toler-
ance. This new variety produces medium sized blooms with
purple ray florets blooming for a period of 5 weeks.

From the cultivars known to the inventor the most similar
existing cultivar in comparison to ‘Zanmupizza’ are ‘Venus’
(U.S. Plant Pat. No. 14,378) and ‘Delphires’ (U.S. Plant Pat.
No. 12,478). When ‘Venus’, ‘Dephires’ and ‘Zanmupizza’ are
being compared the following differences are noticed (1).
Natural season flower date. And (2). Inflorescence size. (1).
Plants of ‘Venus’ and ‘Delphires’ flower earlier in the season
than plants of ‘Zanmupizza’. (2). Inflorescences of ‘Venus’
and ‘Delphires’ are larger than those of ‘Zanmupizza’.

The following is a description of the plant and character-
istics that distinguish ‘Zanmupizza’ as a new and distinct
variety.

The color designations are taken from the plant itself.
Accordingly, any discrepancies between the color designa-
tions and the colors depicted in the photographs are due to
photographic tolerances. The color chart used in this descrip-
tion is: The Royal Horticultural Society Colour Chart, edition
2001.

TABLE 1

Botanical Description of <i>Chrysanthemum</i> × <i>morifolium</i> Ramat. ‘Zanmupizza’	
Bud	
Size:	Small; cross-section 7 mm, height 4 mm
Shape:	Round
Texture:	Pubescent
Outside color:	Greyed-green 191A
Phyllaries	
Number:	21, arranged in 3 rows
Shape:	Elliptic
Apex:	Acute
Base:	Truncate
Margin:	Entire
Color:	Upper side: Green 141B Lower side: Green 138B
Length and width:	4-5 mm; 2 mm
Texture:	Pubescent
Inflorescences	
Type:	Double
Height:	1.8 cm
Diameter:	4.3-4.5 cm
Peduncle length:	8-12 cm
Peduncle color:	Green 138C
Peduncle diameter:	1.5-2 mm
Peduncle texture:	Pubescent
Peduncle strength:	Weak
Number per branch:	About. 5 inflorescences
Duration of flowering:	5 weeks
Seeds:	Produced in small quantities, ovate, Greyed-brown 199A, length 1.5 mm, diameter 0.5 mm; texture: rough with ribs
Fragrance:	Faint <i>chrysanthemum</i> odor
Color inflorescences	
Center of inflorescence:	Immature stage: Purple N79A; Mature stage: Purple N79A
Color of upper side of ray florets:	Red-purple 72A
Color of lower side of ray florets:	Purple N77B
Tonality from distance:	A garden mum with purple decorative blooms
Color of ray florets after aging of the plant:	Greyed Purple 186A
Ray florets	
Type:	Ligulate
Texture:	Upper and lower side smooth
Number:	160-180
Shape:	Elliptic
Apex:	Dentate
Base:	Attenuate
Cross-section:	Flat
Longitudinal axis:	Straight
Length of corolla tube:	3 mm
Diameter corolla tube:	1 mm
Ray floret margin:	Entire
Ray floret length:	1.5-2.2 cm
Ray floret width:	2-8 mm
Ratio length/width:	Medium
Disc florets	absent
Receptacle	
Color:	Yellow-green 145D
Shape:	Conical raised
Height:	4 mm
Diameter:	3 mm
Reproductive Organs	
Androecium:	Absent
Pollen:	Absent
Gynoecium:	Present on ray florets
Style color:	Yellow-green 154C

TABLE 1-continued

Botanical Description of <i>Chrysanthemum</i> × <i>morifolium</i> Ramat. ‘Zanmupizza’	
5	Style length: 4 mm Stigma color: Yellow 7A Stigma width: 1 mm Ovary: Enclosed in calyx; color: Yellow-green 149D
Plant	
10	Type: Bushy Growth habit: Spherical shape Growth rate: Medium Height: 30 cm Width: 50 cm
15	Stem color: Greyed-brown 199A Stem strength: Strong Stem brittleness: Not brittle Stem anthocyanin coloration: present, streaks of Greyed-red 178B
20	Internode length: 1-2.5 cm Length of lateral branch: From top to bottom 20-22.cm Lateral branch color: Green 137 C Lateral branch, attachment: Strong Lateral branch diameter: 3 mm Lateral branch texture: Pubescent with ribs Branching (average number of lateral branches): Dense, with 8 breaks after pinching
25	Natural season blooming date: Sep. 9-13 (week 37) in Rijsenhout, The Netherlands Roots-habits: Freely branching, fine Roots-color: White 155D
Foliage	
30	Glossiness: Leaf upper side: very weak Leaf lower side: very weak Leaf color: Upper side: Green 139 A-B Lower side: Green 138A Color midvein: Upper side: Yellow-green 147D Lower side: Yellow-green 148D
35	Size: Small; length 3-5 cm, width 1.4-2 cm Quantity (number per lateral branches): 20-22 Shape: Elliptic Texture upper side: Sparsely pubescent Texture under side: Pubescent
40	Venation arrangement: Palmate Shape of margin: Serrated Shape of base of sinus between lateral lobes: Rounded Margin of sinus between lateral lobes: Diverging Shape of base: Acute
45	Apex: Mucronulate Petiole attitude: Moderately upwards Petiole length: 1-4 cm Petiole diameter: 15-25 mm Petiole color: Yellow-green 147D Stipule: Small, about 1 mm
50	

TABLE 2

Differences with the comparison varieties, when grown under identical conditions			
	‘Zanmumipizza’	‘Venus’	‘Delphires’
Natural season flowering date	week 37	week 35	week 35
Inflorescence size	4.3-4.5 cm	5-5.5 cm	4.5-5.5 cm

I claim:
1. A new and distinct *chrysanthemum* plant named ‘Zanmupizza’ as described and illustrated.



FIG. 1

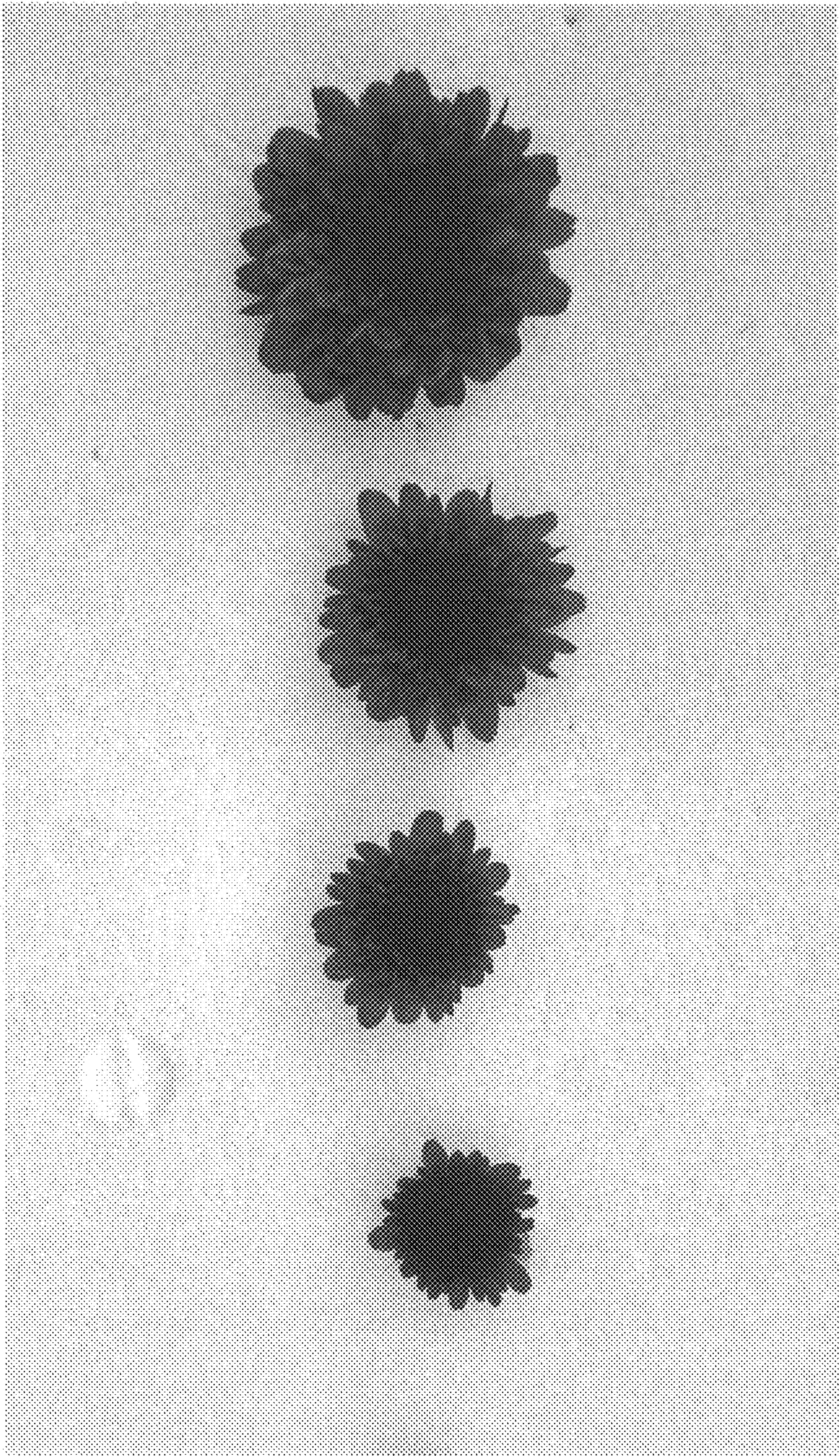


FIG. 2

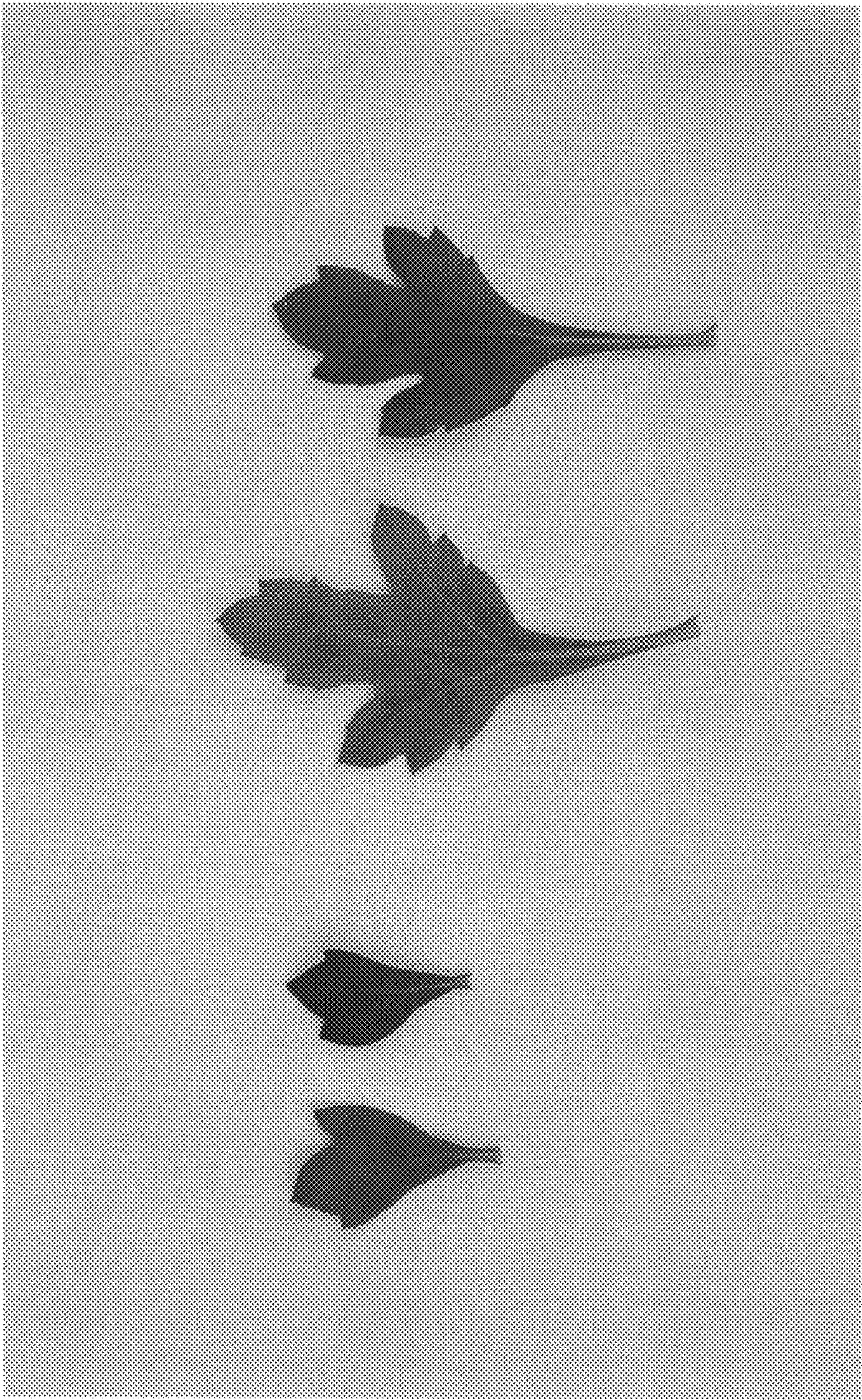


FIG. 3