

US00PP15700P2

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

(10) **Patent No.: US PP15,700 P2**  
(45) **Date of Patent: Mar. 22, 2005**

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

(50) Latin Name: *Chrysanthemum morifolium*  
Varietal Denomination: **Ida**

(75) Inventor: **Mark Roland Boeder**, The Hague  
(NL)

(73) Assignee: **Chrysanthemum Breeders**  
**Association, N.V. (NL)**

(\*) 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.: **10/756,361**

(22) Filed: **Jan. 14, 2004**

(51) **Int. Cl.<sup>7</sup>** ..... **A01H 5/00**

(52) **U.S. Cl.** ..... **Plt./291**

(58) **Field of Search** ..... **Plt./291**

*Primary Examiner*—Anne Marie Grunberg

(74) *Attorney, Agent, or Firm*—Parkhurst & Wendel, L.L.P.

(57) **ABSTRACT**

A *chrysanthemum* plant named ‘Ida’ characterized by its  
small sized blooms with pink ray florets and purple center  
and profic branching; natural season flower date September  
8–13; blooming for a period of 5 weeks.

**2 Drawing Sheets**

**1**

**BACKGROUND OF THE INVENTION**

‘Ida’ is a product of a breeding and selection program for  
outdoor pot mums (garden mums) which had the objective  
of creating new *chrysanthemum* cultivars with a decorative  
type flower, a natural season flower date around September.  
8–13; blooming for a period of 5 weeks. The new plant of  
the present invention comprises a new and distinct cultivar  
of *Chrysanthemum* plant ‘Ida’ is a seedling resulting from  
the open pollination among groups of *chrysanthemum* cul-  
tivars maintained under the control of the inventor for  
breeding purposes. The new and distinct cultivar was dis-  
covered and selected as one flowering plant by Mark Roland  
Boeder on a cultivated field in Rijsenhout Holland in Sep-  
tember. 2001. The female parent is identified by the code  
22.0724, not patented. The female parent has similar blooms  
to ‘Ida’ but differs in the color of the ray florets, which are  
more deeply pink colored than in ‘Ida’. The plant has been  
asexually reproduced by cuttings in greenhouses at Rijsen-  
hout Holland. 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* 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 full bloom.

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

**DESCRIPTION OF THE INVENTION**

This new variety of *chrysanthemum* is of the botanical  
classification *Chrysanthemum morifolium*. The observations  
and measurements were gathered from plants grown out  
door in Rijsenhout, Holland under natural day length and  
temperature and planted in week 23 in 2002. The natural  
blooming date of this crop was September. 8–13 (week 37).  
The average height of the plants was 35 cms. No growth  
retardants were used. No tests were done on disease or insect  
resistance or susceptibility. No tests were done on cold or  
drought tolerance. This new variety produces small sized  
blooms with pink ray florets and a purple center blooming

**2**

for a period of 5 weeks. From the cultivars known to  
inventor the most similar existing cultivar in comparison to  
‘Ida’ is ‘Medusa’ (U.S. Plant Pat. No. 14,610). When  
‘Medusa’ and ‘Ida’ are being compared the following dif-  
ferences are noticed: The differences of ‘Medusa’ and ‘Ida’  
are (1) Flower size. The flowers of ‘Medusa’ are larger than  
those of ‘Ida’ (2) Number of ray florets. The number of ray  
florets of ‘Medusa’ is smaller than that of ‘Ida’. (3) Color of  
center of immature flowers. The center of immature flowers  
of ‘Medusa’ light purple, while that of ‘Ida’ is deep purple.

The following is a description of the plant and character-  
istics that distinguish ‘Ida’ as a new and distinct variety. The  
color designations are taken from the plant itself. Accordingly,  
any discrepancies between the color designations and the colors  
depicted in the photographs are due to photographic tolerances.  
The color chart used in this description is: The Royal Horticultural  
Society Colour Chart, edition 1995.

**TABLE 1**

Botanical Description of cultivar ‘Ida’

| <u>Bud</u>                                   |                                                                           |
|----------------------------------------------|---------------------------------------------------------------------------|
| Size                                         | Small; cross-section 0.7 cm, height 0.8 cm                                |
| Outside Color                                | Yellow-green 146D                                                         |
| Involucral bracts                            | 2 rows, length 7 mm, width 3 mm                                           |
| Involucral bracts among<br>disc-florets      | Not present                                                               |
| Involucral bracts color                      | Green 138A                                                                |
| <u>Bloom</u>                                 |                                                                           |
| Type                                         | Decorative                                                                |
| Size                                         | Small                                                                     |
| Fully Expanded                               | 2.5 cm                                                                    |
| Peduncle length                              | 6 cm                                                                      |
| Peduncle color                               | Green 138B                                                                |
| Number or blooms per branch                  | Approx. 8 blooms per branch                                               |
| Performance on the plant                     | 5 weeks                                                                   |
| Seeds                                        | Produced in small quantities, ovate grey-<br>brown 199A, 1½ mm in length. |
| Fragrance                                    | Typical chrysanthemum, slightly                                           |
| <u>Color</u>                                 |                                                                           |
| Center of the flower                         | Immature Red-purple 71A<br>Mature Yellow-orange 13A.                      |
| Color of upper surface of the<br>ray-florets | Purple 75D                                                                |



TABLE 1-continued

| Botanical Description of cultivar ‘Ida’                       |                                                      |
|---------------------------------------------------------------|------------------------------------------------------|
| Color of the lower surface of the ray-florets                 | Purple 77B                                           |
| Tonality from Distance                                        | A garden mum with pink flowers and a purple disc     |
| Color of upper side of ray florets after aging of the flowers | Purple 75D                                           |
| <u>Ray florets</u>                                            |                                                      |
| Texture                                                       | Upper and under side smooth                          |
| Number                                                        | 180                                                  |
| Cross-section                                                 | Flat                                                 |
| Longitudinal axis of majority                                 | Straight                                             |
| Length of corolla tube                                        | Short, 0.3 cm                                        |
| Ray-floret margin                                             | Entire                                               |
| Ray-floret length                                             | 1.4 cm                                               |
| Ray-floret width                                              | 0.4 cm                                               |
| Ratio length/width                                            | Medium                                               |
| Shape of tip                                                  | Rounded                                              |
| <u>Disc florets</u>                                           |                                                      |
| Disc diameter                                                 | 0.3 cm                                               |
| Distribution of disc florets                                  | Few, visible only in mature flowers                  |
| Shape                                                         | Tubular                                              |
| Color                                                         | Yellow-green 145C                                    |
| Receptacle shape                                              | Domed flat                                           |
| <u>Reproductive Organs</u>                                    |                                                      |
| Stamen                                                        | Present in disc florets only                         |
| Stamen color                                                  | Yellow-green 144A                                    |
| Pollen                                                        | Produced in small amount                             |
| Pollen color                                                  | Yellow 7A                                            |
| Styles                                                        | Thick                                                |
| Style color                                                   | Yellow 13A                                           |
| Style Length                                                  | 4 mm                                                 |
| Stigma color                                                  | Yellow-green 144A                                    |
| Stigma Width                                                  | 1 mm                                                 |
| Ovaries                                                       | Enclosed in calyx                                    |
| <u>Plant</u>                                                  |                                                      |
| Form                                                          | A garden mum outdoor mounded and round               |
| Growth habit                                                  | Spreading                                            |
| Growth rate                                                   | High                                                 |
| Height                                                        | 35 cm                                                |
| Width                                                         | 50 cm                                                |
| Stem Color                                                    | Yellow-green 147C with streaks of greyed-purple 186B |
| Stem Strength                                                 | Strong                                               |
| Stem Brittleness                                              | Not brittle                                          |
| Stem Anthocyanin Coloration                                   | Present                                              |

TABLE 1-continued

| Botanical Description of cultivar ‘Ida’        |                                                              |
|------------------------------------------------|--------------------------------------------------------------|
| Internode length                               | 1 cm                                                         |
| Length of lateral branch                       | From top to bottom 14 cm                                     |
| Lateral branch color                           | Yellow-green 147C                                            |
| Lateral branch, attachment                     | Medium strength                                              |
| Branching (average number of lateral branches) | Good with 7 breaks after pinching                            |
| Natural season blooming date                   | September 8–13                                               |
| <u>Foliage</u>                                 |                                                              |
| Leaf color                                     | Upper side Green 138A<br>Under side Yellow-green 148C        |
| Color midvein                                  | Upper side Yellow-green 147D<br>Under side Yellow-green 148D |
| Size                                           | Small; length 3.5 cm, width 2.5 cm                           |
| Quantity (number per lateral branch)           | 16                                                           |
| Shape                                          | Cordiform                                                    |
| Texture upper side                             | Glabrous                                                     |
| Texture under side                             | Pubescent                                                    |
| Venation arrangement                           | Palmate                                                      |
| Shape of the margin                            | Serrated                                                     |
| Shape of Base of Sinus                         | Rounded                                                      |
| Between Lateral Lobes                          |                                                              |
| Margin of Sinus Between Lateral Lobes          | Diverging                                                    |
| Shape of Base                                  | Truncate                                                     |
| Apex                                           | Mucronate                                                    |
| Petiole length                                 | 1 cm                                                         |
| Petiole color                                  | Yellow-green 147D                                            |

TABLE 2

| <u>Differences with the comparison variety</u> |                |                |
|------------------------------------------------|----------------|----------------|
|                                                | ‘Ida’          | ‘Medusa’       |
| Flower size                                    | 2.5 cm         | 4.5 cm         |
| Number of ray florets                          | 180            | 130            |
| Color center of immature flower                | Red-purple 71A | Red-purple 64D |

I claim:

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

\* \* \* \* \*



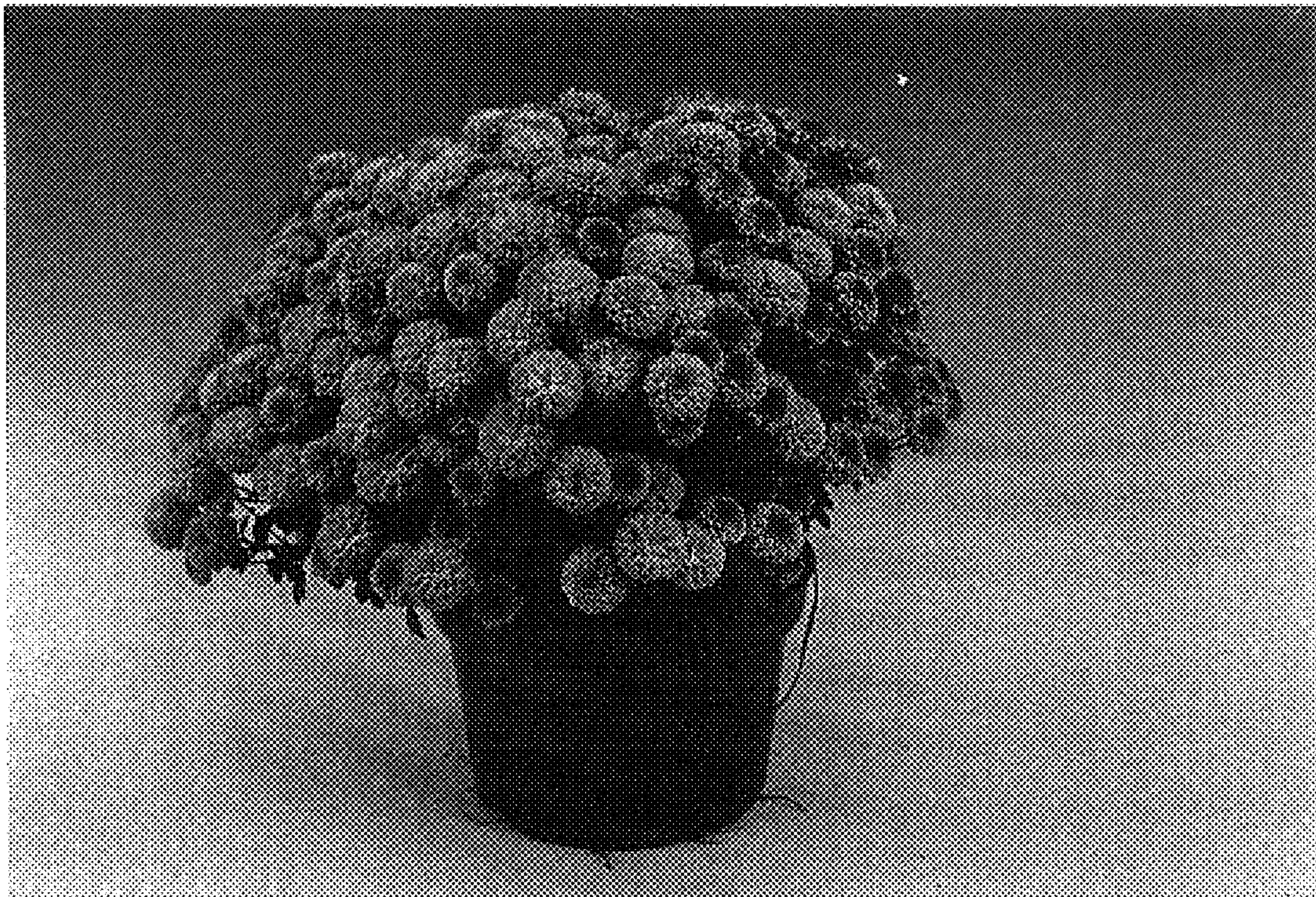


FIG. 1



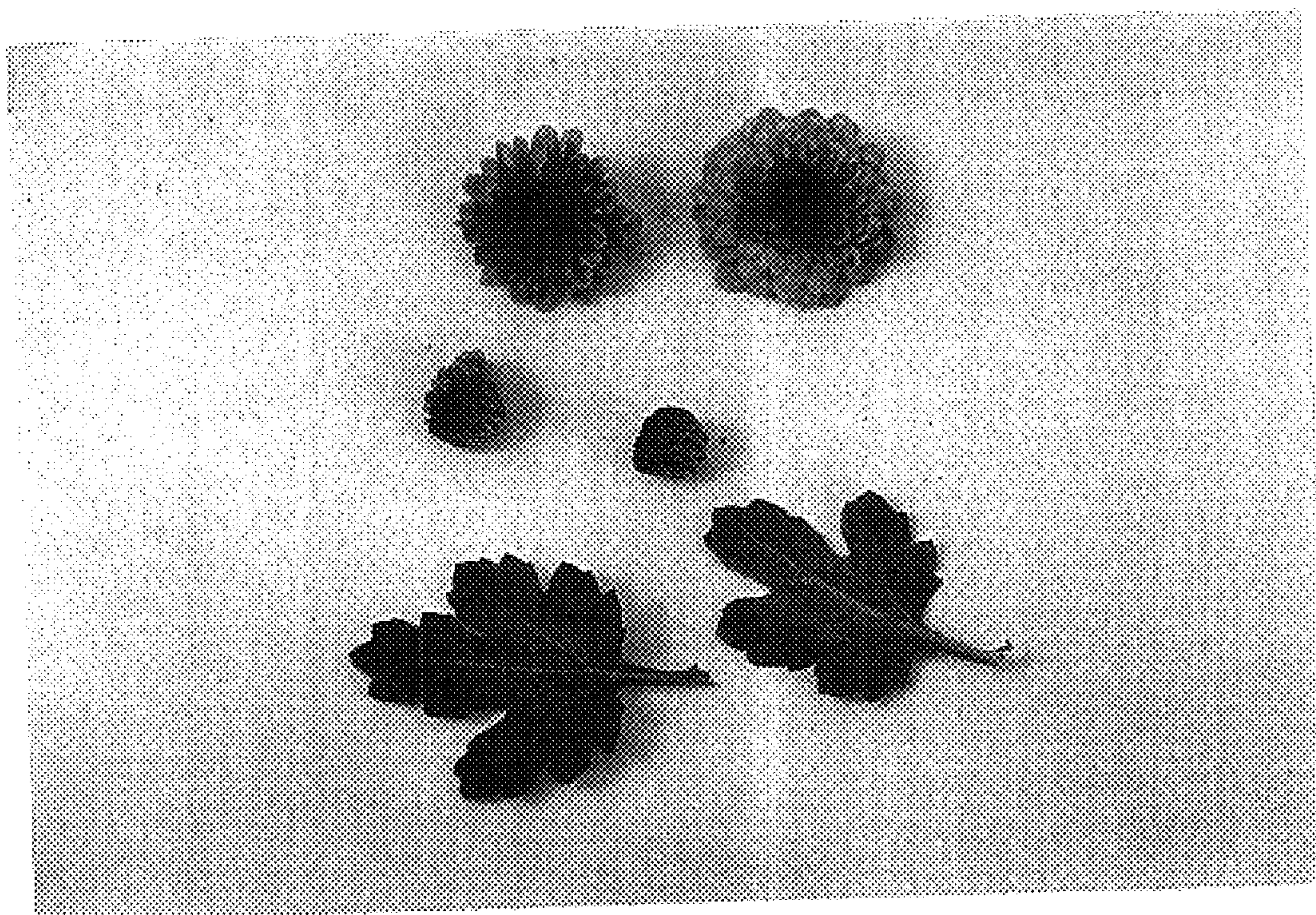


FIG. 2