

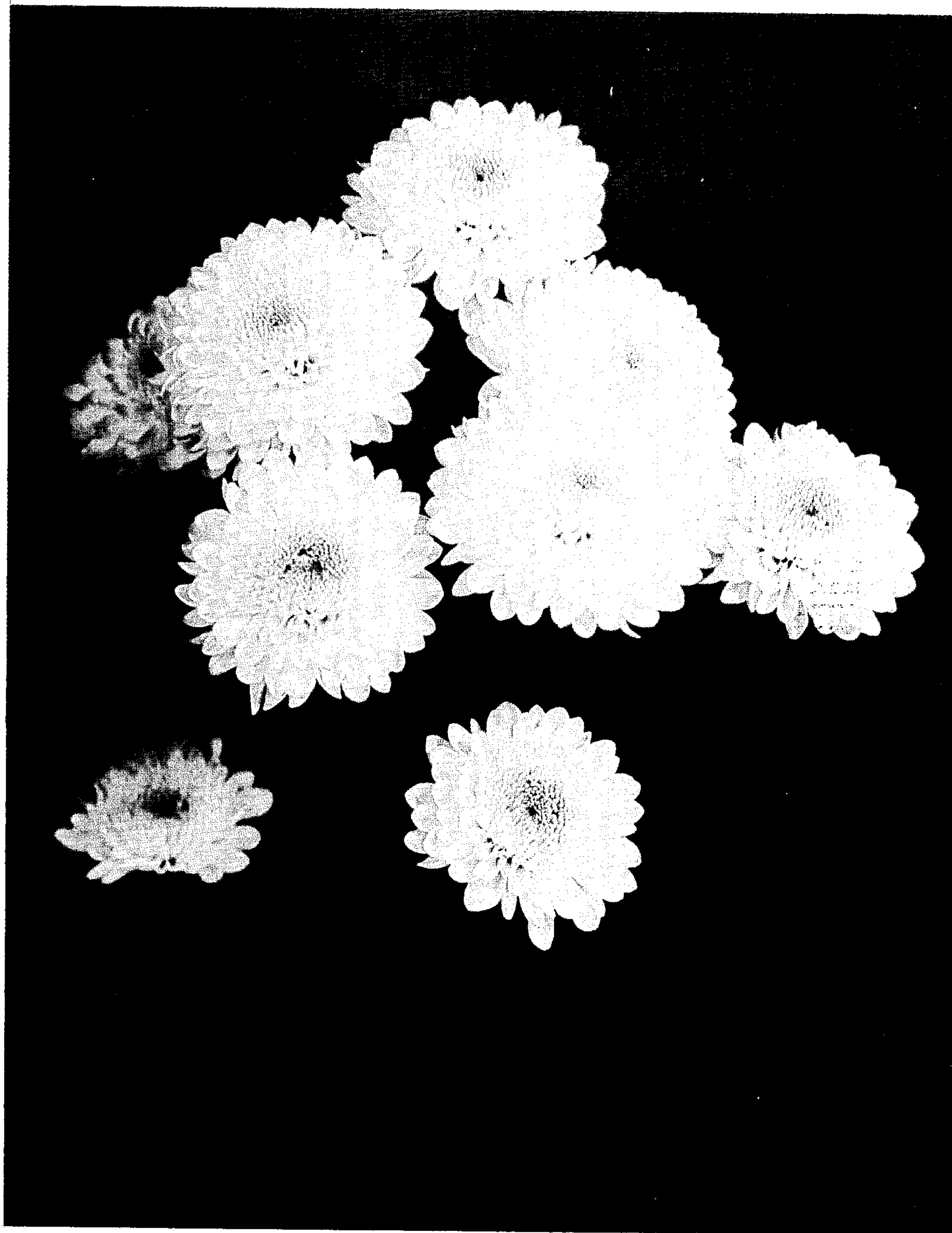
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Plant Pat. 3,506

CHRYSANTHEMUM PLANT

Filed July 7, 1972



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3,506

CHRYSANTHEMUM PLANT

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U.S. Cl. Plt.—78

1 Claim

The present invention comprises a new and distinct cul-
tivar of chrysanthemum plant which is a sport of the cul-
tivar named Symphony, disclosed and claimed in our pend-
ing application Ser. No. 264,305, filed June 19, 1972.

The new cultivar is similar in many respects to Sym-
phony, having the same characteristics of:

- (1) Recommended period of value.
- (2) Foliage size, shape and texture.
- (3) Flower form.

The new cultivar is distinguished from Symphony by

The new cultivar when grown in the vicinity of Barber-
ton, Ohio, has a response period of approximately 10
weeks, and the following detailed description is based on
observations made of the new cultivar in a greenhouse in
Barberton, Ohio. The response time, blooming period,
color, and total vigor may vary significantly with varying
environmental conditions such as temperature, day length,
and light intensity. Suggested flowering in the northern
and western United States is from November through May;
coastal California, November through May; and Florida,
December through March.

The accompanying drawing, which comprises a color
photograph, shows the unique characteristics of the new
cultivar, the color being as nearly true as possible with
color illustrations of this type.

In the following description, color references are made
to the Munsell Color Book, 1963 edition, and color com-
parisons are made with the parent cultivar Symphony.

Botanical classification: *Chrysanthemum morifolium*

	Harmony	Symphony
Bloom:		
Size.....	2 1/4"	2 1/2"
Fully expanded.....	2 1/8"	
Borne.....	Clusters of 7 on elongated pedicels.....	Clusters of 8 on elongated pedicels.
Stems.....	Strong.....	Very strong.
Form.....	Intermediate pom.....	
Permanence.....	12-14 days.....	
Color:		
Center of flower.....	Yellow-green, 2.5GY7/10.....	Yellow-green, 5GY8/6.
Base of petals.....	do.....	Yellow-green, 2.5GY8/8.
Inside of petals.....	Deep yellow, 5Y8.5/12 to yellow 7.5Y8.5/12.....	Ivory white, 7.5Y9/4 to white, N9.5/.
Reverse of petals.....	Yellow, 7.5Y8.5/12.....	White, No.5/.
Tonality from a distance.....	Yellow.....	Ivory white.
Discoloration.....	Yellow, 7.5Y8.5/12.....	White, No.5/.
Petals:		
Texture.....	Smooth.....	
Appearance & form.....	Open at base, deep rounded keel, tapering quickly to a blunt tip.....	
Arrangement.....	Composite, whorled on a single receptacle.....	
Persistence.....	Resists shatter.....	
Fragrance.....	Typical chrysanthemum.....	
Reproductive organs:		
Stamen, anthers.....	None.....	
Pollen.....	do.....	
Arrangement.....	Clustered in center of flower, if present.....	
Styles.....	Present ray florets.....	
Length.....	Short.....	
Ovaries.....	At the base of petal attached to receptacle.....	
Plant:		
Form.....	Herbaceous.....	
Growth.....	Upright.....	
Height.....	Approximately 40"-42" when grown with 3-4 long day weeks and 13-14 weeks total crop time for the various seasons of the year as defined in the timetables of Yoder Brothers, Inc.	Approximately 42"-44" when grown with 3-4 long day weeks and 13-14 weeks total crop time for the various seasons of the year as defined in the timetables of Yoder Brothers, Inc.
Spread.....	None when grown single stem to moderate when pinched...	
Foliage:		
Top side.....	Dark green, 7.5GY3/4.....	
Size.....	4 3/4" long, 3" wide.....	
Quantity.....	Numerous.....	
Shape.....	Spatulate lobed.....	
Texture.....	Coarse.....	
Ribs & veins.....	Prominent.....	
Edge.....	Deeply indented.....	
Serration.....	Coarse.....	
Under side.....	Light green, 7.5GY5/4.....	
Stipules.....	Prominent.....	

the following characteristics when grown under compara-
ble conditions:

- (1) Its lemon yellow flower color.
- (2) Approximately 2"-3" less vigor.
- (3) Approximately 2-3 days later response.
- (4) Flower approximately 1/4" smaller in diameter.
- (5) An average of one less flower per stem.
- (6) Stem strength is slightly less.

The new cultivar was selected from a flowering block
of the parent cultivar at Barberton, Ohio, and when asexu-
ally reproduced by cuttings by Yoder Brothers, Inc., at
Barberton, Ohio, has been found to retain its distinctive
characteristics through successive propagations.

We claim:

1. A new and distinct cultivar of chrysanthemum char-
acterized particularly as to its uniqueness when compared
to the parent cultivar Symphony by its lemon yellow
flower color, approximately 2"-3" less vigor, 2-3 days
later response, flowers which are approximately 1/4" smal-
ler in diameter, an average of one less flower per stem, and
by its slightly less stem strength.

No references cited.

ROBERT E. BAGWILL, Primary Examiner