

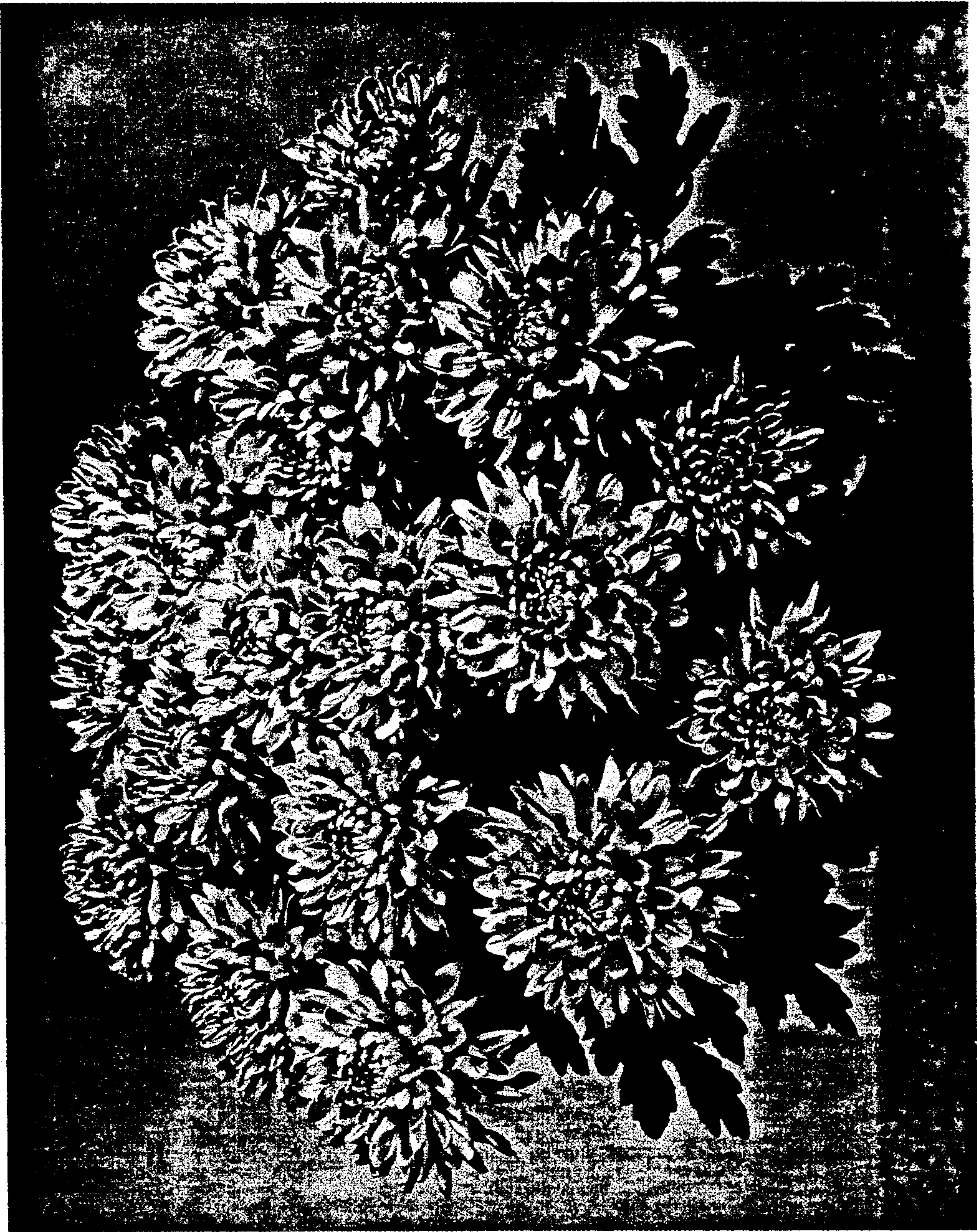
June 12, 1973

W. H. JESSEL, JR., ET AL Plant Pat. 3,359

CHRYSANTHEMUM PLANT

Filed Aug. 13, 1971

2 Sheets-Sheet 1



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2 Sheets-Sheet 2



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3,359

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 known as Wildfire, disclosed and claimed in our
copending application Ser. No. 93,922, filed Nov. 30,
1970, and now P.P. 3,236, assigned to Yoder Brothers,
Inc., Barberton, Ohio, assignee of the present invention.

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

- (1) Plant habit.
- (2) Flower size and form.
- (3) Foliage size, color and shape.
- (4) Production either as a pot mum or standard.

The new cultivar is distinguished from Wildlife by its
golden yellow color as compared to the generally bronze
color of the parent, and a response 2-3 days earlier when
grown under comparable conditions.

The new cultivar was selected from a flowering block of
the parent cultivar at Barberton, Ohio, and when asexual-
ly reproduced by cuttings at Barberton, Ohio, has been
found to retain its distinctive characteristics through suc-
cessive propagations.

The new cultivar when grown in the vicinity of Barber-
ton, Ohio, has a response period of approximately a late
8 to early 9 week response when grown as a pinched pot
mum or a single stem cut standard, and the following
detailed description is based on observations made of the

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new cultivar in a greenhouse in Barberton, Ohio. The
response time, blooming period, color, and total vigor
may vary significantly with varying environmental condi-
tions such as temperature, day length and light intensity.

Suggested flowering as a pot mum in the northern and
western United States and coastal California is from
May through October; in Florida, December through
April, and in the southern United States, March through
November.

Suggested flowering as a standard in the northern and
western United States is from June through October;
in coastal California, June through October; in Florida,
December through April; and in the southern United
States, May through November.

The accompanying photographic drawings show the
unique characteristics of the new cultivar, with the color
being as true as possible with color illustrations of this
type. Sheet 1 illustrates the new cultivar as a pot mum,
and sheet 2 comprises a comparison photograph of the
new cultivar as a cut standard, with the new cultivar
appearing at the top middle of the photograph, Wild
Wind, disclosed and claimed in our pending application
Ser. No. 153,456, on the left and the parent cultivar
Wildfire on the right.

In the following description, color references are to
the Munsell Color Book, 1963 edition, and comparisons
are made with the parent cultivar Wildlife. Where only a
single value or description appears for the new cultivar,
such value or description applies also to the comparison
cultivar Wildlife. It should be noted that difficulties were
encountered in precisely determining the exact color keys,
with those values listed comprising the closest available
color keys.

Botanical classification: *Chrysanthemum morifolium*

	Wild Honey	Wildfire
Bloom:		
Size (as a cut standard).....	5 1/4"	
Fully expanded (as a cut standard).....	5 3/4"	
Borne.....	Singly on disbudded stems.....	
Stems.....	Strong.....	
Form.....	Semi-incurved.....	
Permanence.....	10-14 days.....	
Color:		
Center of flower.....	Golden yellow, 5Y8.5/10.....	Light bronze, 5Y7/8 to golden bronze, 5Y7/10.
Base of petals.....	Golden yellow, 5Y8.5/14.....	Red bronze, 5R3/8 to light bronze, 2.5Y6/8 over yellow, 5Y8.5/10.
Inside of petals.....	do.....	Do.
Reverse of petals.....	Golden yellow, 5Y8.5/10.....	Light bronze 5Y7/8 to golden bronze, 5Y7/10.
Tonality from a distance.....	Golden yellow.....	Orange bronze.
Discoloration.....	do.....	Golden bronze.
Petals:		
Texture.....	Smooth.....	
Appearance and form.....	Open at base, broad keel, tapering to a hooded point.....	
Arrangement.....	Composite, whorled on a single receptacle.....	
Persistence.....	Resist shatter.....	
Fragrance.....	Typical chrysanthemum.....	
Reproductive organs:		
Stamen, anthers.....	None to 30.....	
Pollen.....	None to scant.....	
Arrangement.....	Clustered in center of flower, if present.....	
Styles.....	Present both ray and disc florets.....	
Length.....	Short.....	
Ovaries.....	At the base of petal attached to receptacle.....	
Plant:		
Form.....	Herbaceous.....	
Growth:		
(a) Pot mum.....	Semi-upright.....	
(b) Cut mum.....	Upright.....	
Height:		
(a) Pot mum.....	Approximately 11"-13" as a single pinched plant using 9 week Tall treatment timing as outlined in the Yoder Brothers, Inc. timetables for the various seasons of the year.	
(b) Cut mum.....	Approximately 36" when grown on 13 week crop time with 4 long day weeks as outlined in the Yoder Brothers, Inc., timetables for the various seasons of the year.	
Spread:		
(a) Pot mum.....	Approximately 8" as a single pinched plant using 9 week Tall treatment timing as outlined in the Yoder mum timetables for the various seasons of the year.	
(b) Cut mum.....	None.....	
Foliage:		
Top side.....	Dark green, 10GY3/4.....	
Size:		
(a) Pot mum.....	5 1/4" long, 2 1/4" wide.....	
(b) Cut mum.....	7 1/4" long, 3 3/4" wide.....	

Botanical classification: *Chrysanthemum morifolium*—Continued

	Wild Honey	Wildfire
Foliage—Continued:		
Quantity.....	Numerous.....	
Shape.....	Spatulate lobed.....	
Texture.....	Smooth.....	
Ribs and veins.....	Prominent.....	
Edge.....	Deeply indented.....	
Serration.....	Very slight.....	
Under side.....	Light green, 10GY5/4.....	
Stipules.....	Prominent.....	

We claim:

1. A new and distinct cultivar of chrysanthemum characterized particularly as to its uniqueness when compared to the parent cultivar Wildfire by its golden yellow

flower color and by its 2-3 day earlier response when grown under comparable conditions.

No references cited.

15 ROBERT E. BAGWILL, Primary Examiner