

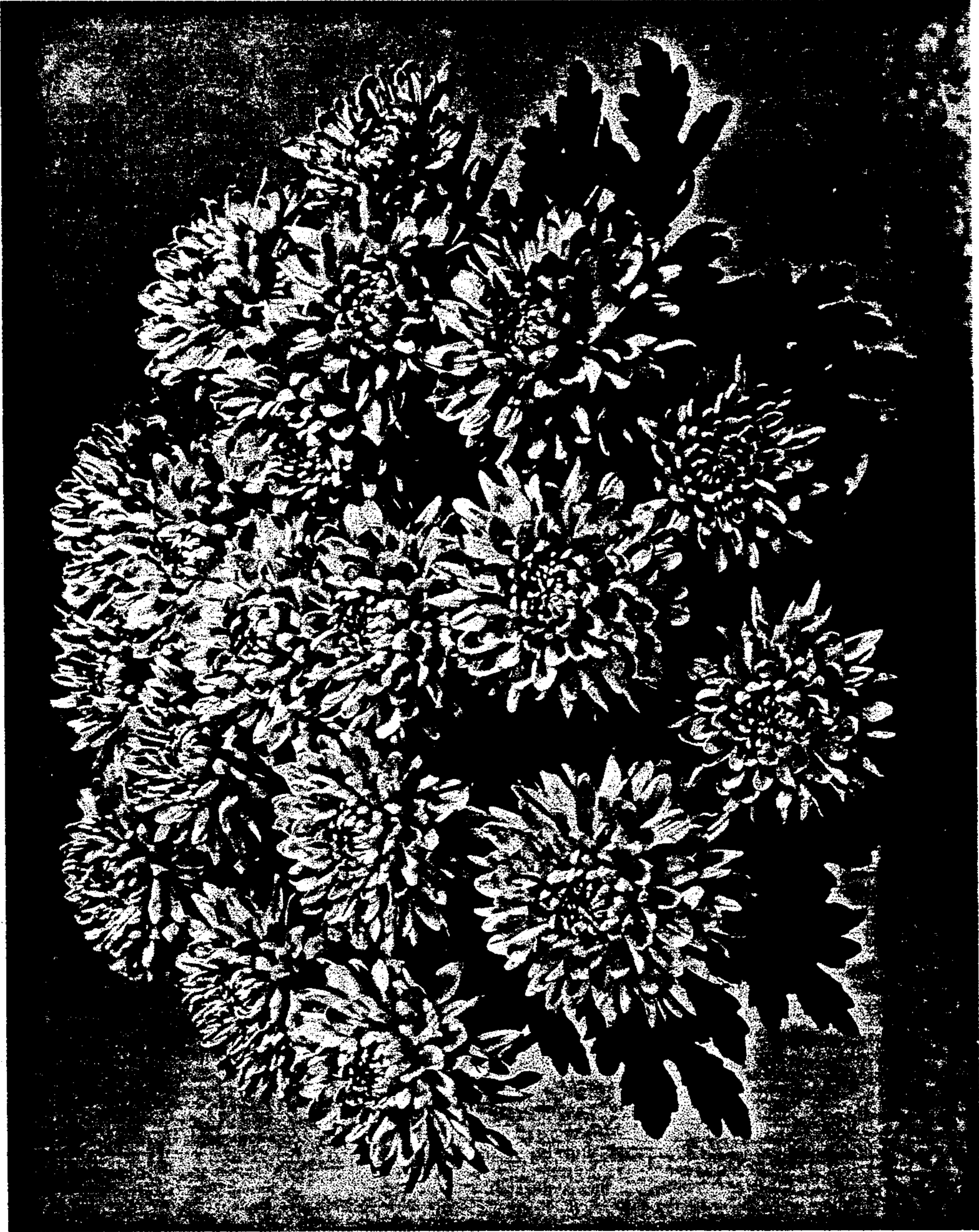
June 12, 1973

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

CHRYSANTHEMUM PLANT

Filed Aug. 13, 1971

2 Sheets-Sheet 1





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CHRYSANTHEMUM PLANT

Filed Aug. 13, 1971

2 Sheets-Sheet 2





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3,359

## CHRYSANTHEMUM PLANT

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Akron, Ohio, assignors to Yoder Brothers, Inc., Bar-  
berton Ohio

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Int. Cl. A01h 5/00

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 Wildfire 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

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.

5 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.

10 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.

15 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.

25 In the following description, color references are to  
the Munsell Color Book, 1963 edition, and comparisons  
are made with the parent cultivar Wildfire. Where only a  
single value or description appears for the new cultivar,  
such value or description applies also to the comparison  
cultivar Wildfire. 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
<b>Bloom:</b>		
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	
<b>Color:</b>		
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.
<b>Petals:</b>		
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	
<b>Reproductive organs:</b>		
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	
<b>Plant:</b>		
Form	Herbaceous	
<b>Growth:</b>		
(a) Pot mum	Semi-upright	
(b) Cut mum	Upright	
<b>Height:</b>		
(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.	
<b>Spread:</b>		
(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	
<b>Foliage:</b>		
Top side	Dark green, 10GY3/4	
<b>Size:</b>		
(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