

[54] CHRYSANTHEMUM PLANT

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[57] ABSTRACT

A chrysanthemum plant originating as a sport of Bronze Princess Anne, characterized by its reddish-bronze blossoms.

No Drawings

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The present invention comprises a new and distinct cultivar of chrysanthemum plant which to the best of its discoverer's knowledge and belief is a sport of the unpatented cultivar known in the United States as Bronze Princess Anne.

The new cultivar is similar in many respects to another cultivar, closely related in color and other characteristics, known as Gay Anne, having the same characteristics of:

1. Plant habit.
2. Flower size.
3. Flower form.
4. Flowering response.
5. Foliage size, color and shape.

The new cultivar is distinguished from Gay Anne by the following characteristics:

1. More intense flower color, with more red tones.
2. Fades more slowly.
3. Faded color more attractive.

The new cultivar differs from related varieties such as Bronze Princess Anne, Gay Anne, SR Bronze Princess Anne, Sweet Anne and Red Anne particularly by its distinctive copper red flower color.

The variety additionally differs from Red Anne in having smooth petals compared to the notched petals of the former.

The new cultivar was discovered in a cultivated area in Bend, Oreg., as a flowered plant, and when asexually reproduced by cuttings at Barberton, Ohio, has been found to retain its distinctive characteristics through successive propagations.

The new cultivar when grown in the vicinity of Barberton, Ohio, has a response period of approximately ten 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

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temperature, day length, and light intensity. Suggested flowering in the northern and western United States, including coastal California, is from mid-September through May; and in Florida, from December through April.

The accompanying photographic drawing 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, except where indicated as Maerz & Paul, "Dictionary of Color", second edition, and comparisons are made with the closely related cultivar Gay Anne shown on the right in the drawing. Where only a single value or description appears for the new cultivar, the same value of description applies as well to the parent cultivar.

BOTANICAL CLASSIFICATION: *Chrysanthemum morifolium*

	Copper Anne	Gay Anne
<u>BLOOM:</u>		
Size	5"	
Fully expanded	5½"	
Borne	singly on disbudded stems	
Stems form	strong decorative	
permanence	10-12 days	
<u>color</u>		
center of flower	yellow 10YR7/10	yellow, 2.5Y8/8
base of petals	lt. yellow 5Y8.5/8	lt. yellow 5Y8.5/8
inside of petals	bronze to copper red, Maerz & Paul, plates 9,I-7 occasionally having more red tones	orange bronze, 3.75YR5/12 to buff, 2.5Y8.5/4

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BOTANICAL CLASSIFICATION: <i>Chrysanthemum morifolium</i>		
	Copper Anne	Gay Anne
reverse of petals	slightly darker than the inside of petals	orange yellow, 2.5Y8/8 to buff 10YR8/4
tonality from a distance	copper red	dark bronze to pale buff
discoloration	copper bronze, 10YR7/10	buff, 2.5Y8.5/4
PETALS:		
texture	smooth	notched
appearance and form	tubular to open at base, broaden quickly to wide shallow keel, tapering to notched blunt point	
arrangement	composite, whorled on a single receptacle	
persistance	resist shatter	
fragrance	typical chrysanthemum	
REPRODUCTIVE ORGANS:		
stamen, anthers	none-10	
pollen	none-very 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	

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BOTANICAL CLASSIFICATION: <i>Chrysanthemum morifolium</i>		
	Copper Anne	Gay Anne
5	PLANT:	
	form	herbaceous
	growth	semi-upright
	height	12"-16"
	spread	6"-8"
	FOLIAGE:	
10	top side	dark green, 7.5GY3/4
	size	6½" long, 4½" wide
	quantity	numerous
	shape	spatulate lobed
15	texture	smooth
	ribs and veins	prominent
	edge	moderately indented
	serration	moderate serration
	under side	light green, 7.5GY5/4
20	stipules	rudimentary

We claim:

25 1. A new and distinct cultivar of chrysanthemum characterized particularly as to uniqueness when compared to the parent cultivar bronze Princess Anne and its closely related cultivar Gay Anne by its more intense flower color, with more red tones, its relatively slower fading characteristic, and its more attractive flower color when faded.

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U.S. Patent

Oct. 26, 1982

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