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

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(54) **HYBRID CARNATION PLANT NAMED**  
**'CFPC MEL'**

(65) **Prior Publication Data**

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(50) Latin Name: *Dianthus caryophyllus*  
Varietal Denomination: **CFPC Mel**

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

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(58) **Field of Search** ..... **Plt./273**

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(\*) Notice: Subject to any disclaimer, the term of this  
patent is extended or adjusted under 35  
U.S.C. 154(b) by 0 days.

(57) **ABSTRACT**

A new variety of carnation plant producing attractive orange  
picotee pink flowers.

(21) Appl. No.: **10/208,144**

(22) Filed: **Jul. 29, 2002**

**1 Drawing Sheet**

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Classification: The present invention relates to a new  
Hybrid *Dianthus carophyllus* plant.

Variety denomination: The new plant has the varietal  
denomination 'CFPC Mel'.

**BACKGROUND OF THE INVENTION**

The present invention relates to a new and distinct variety  
of carnation plant which was originated is a cross of 'CFPC  
Marmalade' (U.S. Plant Pat. No. 11,858) as a seed parent  
and an undistributed unpatented seedling identified as  
'970143' as a pollen parent. The varietal denomination of the  
new variety is 'CFPC Mel'.

**SUMMARY OF THE INVENTION**

Among the novel characteristics possessed by the new  
variety which distinguish it from other varieties of which I  
am aware, are its attractive orange picotee pink flowers  
which retain color without fading. When grown in a green-  
house in Salinas, Calif., in 4½ inch plastic pots, pinched  
plants are about 8 inches tall and about 6 inches in diameter.  
Flower diameter averages about 1⅞ inches with a crown of  
about ¾ inch (average). Foliage is about 3⅜ inches long and  
about ⅝ inch wide at its widest point.

Asexual reproduction by propagation by cuttings of the  
new variety as performed in Salinas, Calif., shows that the  
foregoing and other distinguishing characteristics come true  
to form and are established and transmitted through suc-  
ceeding propagation.

**COMPARISON WITH PARENTS**

The new variety differs from its parents in flower color.  
The seed parent has orange-colored flowers and the male  
parent has red-colored flowers.

**BRIEF DESCRIPTION OF ILLUSTRATION**

The accompanying illustration shows typical specimens  
of the vegetative growth and flowers of the new variety  
depicted in color as nearly true as it is reasonably possible  
to make the same in color illustration of this character.

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**DESCRIPTION OF THE NEW VARIETY**

The following is a detailed description of my new variety,  
with color terminology in accordance with The Royal Hor-  
ticultural Society Colour Chart (R.H.S.C.C.). The terminol-  
ogy used in color description herein refers to plate numbers  
in the aforementioned color chart. Phenotypical expression  
may vary depending upon varying environmental, seasonal  
and cultural conditions.

The information provided herein is based on observations  
of 110-day-old plants grown inside commercial greenhouses  
at Salinas, Calif. The height of plant and flower and foliage  
size are established as an average using standard commercial  
cultural practices.

**Classification:**

*Botanical.*—Hybrid *Dianthus caryophyllus*.

*Commercial.*—Carnation, standard disbud, type, suit-  
able for cut flower production and as a pot spray.

**Plant:**

*Height.*—About 8 inches.

*Form.*—Herbaceous.

*Growing habit.*—Semi-upright.

*Blooming habit.*—As a spray (pot).

*Blooming season.*—Year round.

*Rooting time/habit.*—About 18 days.

*Breaking action.*—Very vigorous and free-breaking  
plant habit with strong straight stems.

*Mutation prone.*—No.

*Disease resistance.*—Good, resistance to soil-borne  
diseases such as *Fusarium oxysporum*, and *F.*  
*graminearum* and root-rots such as damping off,  
water molds and the like as is typical of carnations.

*Temperature tolerance.*—Wide range.

**Foliage (base of plant):**

*Color.*—Upper side: Near 137A. Lower side: Near  
137C.

*Size.*—About 3⅜ inches long and about ⅝ inch wide.

*Leaf base and apex.*—Leaf base edge smooth, color  
near 145D; leaf apex edge smooth, color near 137A.

*Quantity.*—Numerous.

*Shape.*—Lanceolate.

*Texture*.—Smooth.

*Ribs*.—Central keel.

*Arrangement*.—Bi-lateral along stem.

*Stem*.—Color: Near 139A. Size: Stem diameter about  $\frac{3}{8}$  inch.

*Bud*.—Shape: Ovoid. Color: Near 143B. Length: About  $1\frac{1}{8}$  inches. Diameter: About  $\frac{7}{16}$  inch.

*Calyx*.—Sepals: About 5. Length: About  $\frac{5}{16}$  inch. Width: About  $\frac{5}{16}$  inch. Color Outside: Near 143B. Inside: Near 145C.

Bloom:

*Shape*.—Rounded.

*Size*.—Diameter: About  $1\frac{7}{8}$  inches. Depth: About  $\frac{3}{4}$  inch.

*Borne*.—As a spray.

*Color*.—General tonality: Yellow-red. Upper side: Near 20C. Lower side: Near 13D. Center: Near 20C. Outer petals: Near 55A.

*Permanence*.—Dry up on receptacle.

*Keeping quality*.—Very good.

*Fragrance*.—Moderate perfume.

Petalage:

*Quantity*.—About 30.

*Outer petal size*.—Length: About  $1\frac{13}{16}$  inches. Width: About  $1\frac{1}{8}$  inches.

*Central petal size*.—Length: About  $1\frac{5}{8}$  inches. Width: About  $\frac{7}{8}$  inch.

*Texture*.—Smooth.

*Appearance*.—Shiny, petal edge has occasional fine serrations, color near 155A in continuous picotee of  $\frac{1}{32}$  inch with occasional spots near 55A and radial lines on a background of near 20C.

*Form*.—Fan shaped.

Reproductive organs:

*Stamen*.—None.

*Anthers*.—None.

*Filaments*.—None.

*Pistil*.—1. Length: About  $\frac{7}{8}$  inch. Color: Whiter than 155D.

*Stigma*.—2. Color: Near 25D.

*Fertility*.—Male: Sterile. Female: Good.

*Ovary*.—Shape: Conical. Color Base: Near 155D. Body: Near 144C. Apex: Near 144C.

*Fruit*.—No fruit or seed produced.

I claim:

1. A new and distinct carnation plant of the variety substantially as herein shown and described.

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