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

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(54) **HYBRID CARNATION PLANT NAMED
‘CFPC CHARM’**

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

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patent is extended or adjusted under 35
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(58) **Field of Search** **Plt./278**

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(57) **ABSTRACT**

A new variety of carnation plant producing attractive dark
hot pink flowers.

1 Drawing Sheet

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

Variety denomination: The new plant has the varietal
denomination ‘CFPC Charm’.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct variety
of carnation plant which was originated by me by crossing
two undistributed unpatented seedlings identified as
‘970152’ (female parent) and ‘970161’ (male parent). The
varietal denomination of the new variety is ‘CFPC Charm’.

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 unusual dark hot pink flowers which retain
color without fading. When grown in a greenhouse in
Salinas, Calif., in 4½ inch plastic pots, pinched plants are
about 9½ inches tall and about 7 inches in diameter. Flower
diameter averages about 2 inches with a crown of about 1
inch (average). Foliage is about 3⅝ inches long and about ⅜
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 female parent produces salmon pink flowers, and the
male parent produces red 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 9½ 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, occasional radial color
breaks of near 66C on upper side of petals. Lower
side: Near 137B.

Size.—About 3⅝ inches long and about ⅜ inch wide.

Leaf base and apex.—Leaf base edge smooth, color
near 138C; leaf apex edge smooth, color near 137A.

Quantity.—Numerous.

Shape.—Lanceolate.

Texture.—Smooth.

Ribs.—Central keel.

Arrangement.—Bi-lateral along stem.

Stem.—Color: Near 137A. Size: Stem diameter of about $\frac{1}{4}$ inch.

Bud.—Shape: Ovoid. Color: Near 144A. Length: About $1\frac{1}{8}$ inches. Diameter: About $\frac{7}{8}$ inch.

Calyx.—Sepals: About 5. Length: About $\frac{5}{16}$ inch. Width: About $\frac{5}{16}$ inch. Color Outside: Near 144A. Inside: Near 145C.

Bloom:

Shape.—Rounded.

Size.—Diameter: About 2 inches. Depth: About 1 inch.

Borne.—As a spray.

Color.—General tonality: Red purple group. Upper side: Near 57C. Lower side: Near 66C. Center: Near 57C. Outer petals: Near 57C.

Permanence.—Dry up on receptacle.

Keeping quality.—Very good.

Fragrance.—Fragrant.

Petalage:

Quantity.—About 21.

Outer petal size.—Length: About $1\frac{15}{16}$ inches. Width: About $1\frac{3}{8}$ inches.

Central petal size.—Length: About $1\frac{3}{4}$ inches. Width: About $1\frac{1}{8}$ inches.

Texture.—Smooth.

Appearance.—Shiny, petal edge smooth with occasional coarse serrations, color upper side near 57C, color lower side 66C.

Form.—Fan shaped.

Reproductive organs:

Stamen.—None.

Anthers.—None.

Filaments.—None.

Pistil.—1. Length: About $1\frac{5}{16}$ inches. Color: Whiter than 155D.

Stigma.—2. Color: Near 58D.

Fertility.—Male: Sterile. Female: Good.

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

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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