

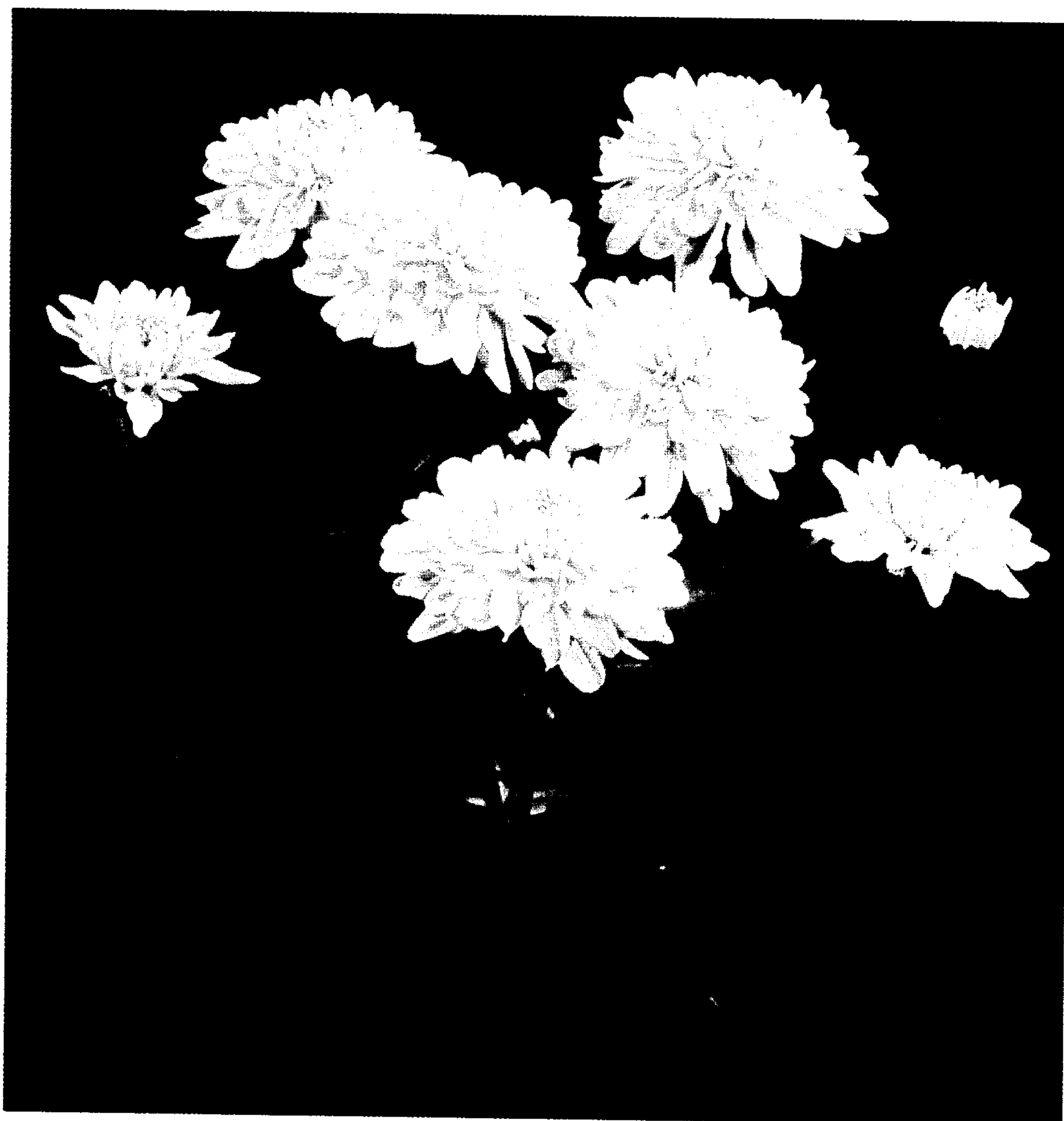
May 23, 1972

W. H. JESSEL, JR., ET AL

Plant Pat. 3,185

CHRYSANTHEMUM PLANT

Filed July 27, 1970



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3,185
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.—79 1 Claim

The present invention comprises a new and distinct vari-
ety of pompon chrysanthemum plant which is a sport of
a light pink seedling identified for breeding purposes as
YB 63340-1.

The new variety is similar in many respects to Bronze
Belair, a commercial variety of Yoder Brothers, Inc., Bar-
berton, Ohio, for which application for U.S. Letters Patent
is concurrently being made. These similar characteristics
are:

- (1) Foliage size, shape, color.
 - (2) Nine week response.
- The new variety is distinguished from Bronze Belair by
the following characteristics:
- (1) A flower 1/2" larger.
 - (2) Three days later response.
 - (3) Two to three inches more vigor.
 - (4) A more golden color, which changes from a golden
orange-bronze to a golden yellow as temperatures in-
crease.

The new variety is distinguished from Bronzechip, an
unpatented but well established commercial variety of
Yoder Brothers, Inc., by the following characteristics:

- (1) Greater flower production, with trait to lateral flow-
ering down the stem.
- (2) Foliage less serrated.
- (3) Spray formation more open and terminal.
- (4) Better breaking action on a pinch, especially dur-
ing high temperature periods.
- (5) A flower 1/2" larger.

The new variety was discovered upon examination of a
flowering plot of the parent variety.

My new variety has been asexually reproduced by cut-
tings at Barberton, Ohio, and has been found to retain
its distinctive characteristics through successive propaga-
tions.

My new variety when grown in the vicinity of Salinas,
Calif.; Fort Myers, Fla., and Barberton, Ohio has a re-
sponse period of approximately 9 weeks. However, this
response is approximately three days later than Bronze
Belair in all periods of the year. It will be understood
that the response time and blooming period may vary
significantly with varying environmental conditions such
as temperature, light intensity and day length. Suggested
flowering in the northern United States is from April
through November, and for southern Florida, from De-
cember through April.

The accompanying drawing shows the color and form
of my new variety, the colors being as true as possible
with color illustrations of this type.

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The following is a detailed description of my new
variety, with color references being to the Munsell Color
Chart, 1963 Edition and comparisons made with the vari-
ety Bronze Belair.

Botanical classification: *Chrysanthemum morifolium*.

	Golden Belair	Bronze Belair
Bloom:		
Size	3"	2 1/2"
Fully expanded	3 1/2"	3"
Borne	Terminal cluster of 8-12 on elongated pedicel according to culture.	3"
Stems	Elongated pedicels	3"
Form	Decorative	3"
Permanence	7-10 days	3"
Color:		
Center of flower.	Orange-yellow rang- ing from 8.75 YR 6/12-8 to 7.5 YR 7/12.	Orange-bronze rang- ing from 2.5 YR 5/10 to 10 YR 8/10 light bronze.
Base of petals	Yellow, 3.75 Y 8/12	Bronze 2.5 YR 5/10.
Inside of petals	Yellow, 2.5 Y 8/10 to yellow 1.25 Y 8/14.	Light bronze, 2.5 YR 5/10 to 10 YR 8/10.
Reverse of petals.	Yellow, 2.5 Y 8.5/10	Light yellow, 2.5 Y 8.5/ 6.
Tonality from a distance.	Gold bronze, gold yellow.	Orange bronze to light bronze.
Discoloration	Yellow, 1/25 YR 8/14	Light bronze, 10 YR 8/10.

Petals.—Texture—smooth; appearance—slightly open
at base, keeled at mid point, tapering to a blunt
point; arrangement—composite whorled on a sin-
gle receptacle; persistence—shatter resistant; fra-
grance—typical chrysanthemum.

Reproductive organs.—Stamens, anthers—none to 20,
depending on culture; pollen—none to scant; ar-
rangement—center of flower if present; styles—
present in both ray and disc floret; length—short;
ovaries—at base of petals attached to receptacle.

Plant. — Form — herbaceous;; growth — upright;
height—38"—44", depending on culture; (Bronze
Belair—36"—42", depending on culture).

Foliage.—Top side—green—7.5GY 3/4; size—7"—9"
long including petiole, 4"—5" wide; quantity—nu-
merous; shape—palmate; texture—coarse; ribs and
veins—prominent; edge—deeply indented; serra-
tion—slight; underside—light green—.5GY 4/4;
stipules—prominent at base of petiole.

I claim:
1. A new and distinct variety of pompon chrysanthem-
um characterized particularly as to novelty by a unique
golden-bronze color, a relatively larger flower, increased
flowers produced per stem, with an open terminal spray,
lateral flowering down the stem, a superior breaking ac-
tion, especially during high temperature periods, and a
uniform, early response.

No references cited.

ROBERT E. BAGWILL, Primary Examiner

UNITED STATES PATENT OFFICE
CERTIFICATE OF CORRECTION

Patent No. PP 3,185

Dated May 23, 1972

Inventor(s) Walter H. Jessel, Jr. and William E. Duffett

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

In column 2, line 12 opposite Borne; line 13 opposite Stems; line 14 opposite Form and line 15 opposite Permanence delete 3" under Bronze Belair in each line.

In column 2, approximately line 17, adjacent the heading "Center of Flower" and under "Golden Belair", "6/12-8" should read --6/12--; and "75" should read --8.75--.

In column 2, approximately line 23, adjacent the heading "Tonality from a distance" and under "Golden Belair", "Gold bronze, gold yellow" should read --Gold bronze to gold yellow--.

In column 2, approximately line 24, adjacent the heading "Discoloration" and under the heading "Golden Belair", "1/25YR8/14" should read --1.25YR8/14--.

In column 2, line 44, ".5GY4/4" should read --7.5GY4/4--.

Signed and sealed this 2nd day of October 1973.

(SEAL)
Attest:

EDWARD M. FLETCHER, JR.
Attesting Officer

RENE D. TEGTMEYER
Acting Commissioner of Patents