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Dekker

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(54) **CHRYSANTHEMUM PLANT NAMED**
'JEANNY WHITE'

(50) Latin Name: *Chrysanthemum*×*morifolium*
Varietal Denomination: **Jeanny White**

(75) Inventor: **Cornelis W. Dekker**, Hensbroek (NL)

(73) Assignee: **Dekker Breeding B.V.**, Hensbroek
(NL)

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patent is extended or adjusted under 35
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(58) **Field of Classification Search** **Plt./288**
See application file for complete search history.

Primary Examiner—Anne Marie Grunberg

Assistant Examiner—Annette H Para

(74) *Attorney, Agent, or Firm*—C. A. Whealy

(57) **ABSTRACT**

A new and distinct cultivar of *Chrysanthemum* plant named
'Jeanny White', characterized by its decorative pompon-
type inflorescences with elongated oblong-shaped, white-
colored ray florets; strong and upright flowering stems;
freely flowering habit; early and uniform flowering
response; and good postproduction longevity.

1 Drawing Sheet

1

Botanical designation: *Chrysanthemum*×*morifolium*.
Cultivar denomination: 'Jeanny White'.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar
of *Chrysanthemum* plant, botanically known as
Chrysanthemum×*morifolium* and referred to by the name
'Jeanny White'.

The new *Chrysanthemum* is a naturally-occurring whole
plant mutation of the *Chrysanthemum*×*morifolium* cultivar
Jeanny Pink, not patented. The new *Chrysanthemum* was
discovered and selected by the Inventor in March, 2004 as
a single flowering plant within a population of plants of the
cultivar Jeanny Pink in a controlled environment in
Hensbroek, The Netherlands.

Asexual reproduction of the new *Chrysanthemum* by
terminal cuttings in Hensbroek, The Netherlands since April,
2004 has shown that the unique features of this new *Chry-*
santhemum are stable and reproduced true to type in suc-
cessive generations.

BRIEF SUMMARY OF THE INVENTION

The cultivar Jeanny White has not been observed under all
possible environmental conditions. The phenotype may vary
somewhat with variations in environment such as
temperature, daylength and light intensity, without,
however, any variance in genotype.

The following traits have been repeatedly observed and
are determined to be the unique characteristics of 'Jeanny
White'. These characteristics in combination distinguish
'Jeanny White' as a new and distinct cultivar:

1. Decorative pompon-type inflorescences with elongated
oblong-shaped, light yellow green to white-colored ray
florets; typically grown as a spray-type.
2. Strong and upright flowering stems.
3. Freely flowering habit.
4. Early and uniform flowering response.
5. Good postproduction longevity.

2

Plants of the new *Chrysanthemum* can be compared to
plants of the parent, the cultivar Jeanny Pink. In side-by-side
comparisons conducted in Hensbroek, The Netherlands,
plants of the new *Chrysanthemum* differed primarily from
plants of the cultivar Jeanny Pink in ray floret coloration as
plants of the parent selection had pink-colored ray florets.

Plants of the new *Chrysanthemum* can be compared to
plants of the *Chrysanthemum* cultivar Jeanny Orange, dis-
closed in U.S. Plant Pat. No. 16,287. In side-by-side com-
parisons conducted in Hensbroek, The Netherlands, plants
of the new *Chrysanthemum* differed primarily from plants of
the cultivar Jeanny Orange in the following characteristics:

1. Plants of the new *Chrysanthemum* were more freely
flowering than plants of the cultivar Jeanny Orange.
2. Plants of the new *Chrysanthemum* and the cultivar
Jeanny Orange differed in ray floret coloration as plants
of the cultivar Jeanny Orange was golden orange.
3. Inflorescences of plants of the new *Chrysanthemum*
had more disc florets than inflorescences of plants of
the cultivar Jeanny Orange.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

The accompanying colored photographs illustrate the
overall appearance of the new cultivar, showing the colors as
true as it is reasonably possible to obtain in colored repro-
ductions of this type. Colors in the photographs may differ
slightly from the color values cited in the detailed botanical
description which accurately describe the actual colors of
the new *Chrysanthemum*.

The photograph at the top of the sheet comprises a side
perspective view of a typical flowering stem of 'Jeanny
White'.

The photograph at the bottom of the sheet comprises a
close-up view of the upper (left) and lower (right) surfaces
of typical inflorescences and leaves of 'Jeanny White'.

DETAILED BOTANICAL DESCRIPTION

In the following description, color references are made to
The Royal Horticultural Society Colour Chart, 2001 Edition,

except where general terms of ordinary dictionary significance are used. The aforementioned photographs and following observations and measurements describe plants grown during the autumn in Hensbroek, The Netherlands, under commercial practice in a glass-covered greenhouse. Plants were initially given long day/short night treatments followed by short day/long night treatments to induce flower initiation and development. During the production of the plants, day temperatures ranged from 17.5° C. to 30° C., night temperatures ranged from 18.5° C. to 24° C. and light levels were about five kilolux. Plants were about nine weeks from planting when the photographs and the description were taken.

Botanical classification: *Chrysanthemum*×*morifolium* cultivar Jeanny White.

Commercial classification: Decorative pompon-type *Chrysanthemum* typically grown as a spray-type cut flower.

Parentage: Naturally-occurring whole plant mutation of the *Chrysanthemum*×*morifolium* cultivar Jeanny Pink, not patented.

Propagation:

Type.—Terminal tip cuttings.

Time to initiate roots, summer.—About 6 days at 20° C.

Time to initiate roots, winter.—About 7 days at 20° C.

Time to produce a rooted cutting, summer.—About 14 days at 20° C.

Time to produce a rooted cutting, winter.—About 16 days at 20° C.

Root description.—Fine and freely branching; light brown in color.

Plant description:

Appearance.—Herbaceous decorative pompon-type cut *Chrysanthemum*; typically grown as a spray-type; erect and strong flowering stems. Moderately vigorous.

Flowering stem description.—Length: About 70 cm to 80 cm. Diameter: About 6 mm. Strength: Strong. Texture: Pubescent. Aspect: Erect. Branching habit: Plants are typically grown as single stems. Color: 144A to 144B.

Foliage description.—Arrangement: Alternate, simple. Length: About 4 cm to 11 cm. Width: About 2.5 cm to 8 cm. Apex: Cuspidate. Base: Attenuate. Margin: Pinnately lobed. Texture, upper and lower surface: Pubescent; rough. Petiole length: About 5 mm to 2.5 cm. Color: Developing foliage, upper surface: 147A. Developing foliage, lower surface: Closest to 137C. Fully expanded foliage, upper surface: Closest to 137A; venation, 147C. Fully expanded foliage, lower surface: Closest to 147B; venation, 147C. Petiole, upper and lower surfaces: 147C.

Inflorescence description:

Appearance.—Decorative pompon-type inflorescence form with elongated oblong-shaped ray florets. Inflorescences borne on terminals above foliage. Disk and ray florets develop acropetally on a capitulum. Inflo-

rescences not fragrant. Typically grown as a spray-type.

Flowering response.—Under natural conditions, plant typically flower in November in the Northern Hemisphere. At other times of the year, inflorescence initiation and development can be induced under short day/long night conditions (at least 13.5 hours of darkness). Plants exposed to long day/short night conditions after planting followed by photoinductive short day/long night conditions flower about 7.5 weeks later. Early and uniform flowering response.

Postproduction longevity.—Cut inflorescences will maintain good substance and form for about three weeks.

Quantity of inflorescences per flowering stem.—About 20 to 25 inflorescences per flowering stem.

Inflorescence size.—Diameter: About 3 cm to 4 cm. Depth (height): About 1.5 cm to 2.5 cm. Diameter of disc: About 9 mm.

Inflorescence buds.—Height: About 4 mm. Diameter: About 8 mm. Shape: Oblate. Color: Between 137B and 138B.

Ray florets.—Length: About 9 mm to 2.2 cm. Width: About 2 mm to 1 cm. Shape: Elongated oblong; incurving. Apex: Emarginate. Base: Fused; tubular. Margin: Entire. Texture, upper and lower surfaces: Smooth, glabrous. Number of ray florets per inflorescence: About 365 in numerous whorls. Color: When opening, upper surface: Close to 155D; towards the apex, 150D. When opening, lower surface: Close to 155B; towards the apex, 150C. Fully opened, upper surface: Close to 155D. Fully opened, lower surface: Close to 155D; towards the apex, 150D.

Disc florets.—Shape: Tubular; elongated. Length: About 4 mm to 5 mm. Width: About 1 mm. Number of disc florets per inflorescence: About 35 to 40. Color, immature: 144C; towards the apex, N144B. Color, mature: 7A; towards the apex, N144B.

Peduncles.—Length, terminal peduncle: About 5 cm. Length, fourth peduncle: About 7 cm. Diameter: About 2 mm. Angle: About 45° from vertical. Strength: Moderately strong. Texture: Pubescent. Color: 144A to 144B.

Reproductive organs.—Androecium: No anthers observed on disc florets. Gynoecium: Present on both ray and disc florets. Stigma length: About 4 mm. Stigma diameter: About 0.3 mm. Stigma color: Towards the apex, 153C; towards the base, 145B.

Seed/fruit.—Seed and fruit production has not been observed.

Disease/pest resistance: Resistance to known *Chrysanthemum* pathogens and pests has not been observed on plants of the new *Chrysanthemum*.

It is claimed:

1. A new and distinct cultivar of *Chrysanthemum* plant named 'Jeanny White', as illustrated and described.

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