



US00PP13776P29

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

(10) **Patent No.:** **US PP13,776 P2**

(45) **Date of Patent:** **May 6, 2003**

(54) **POINSETTIA PLANT NAMED 'EARLY JOY PINK'**

(52) **U.S. Cl.** **Plt./306**

(58) **Field of Search** **Plt./306**

(75) **Inventor:** **Lyndon W. Drewlow**, Lompoc, CA (US)

Primary Examiner—Bruce R. Campell

Assistant Examiner—Michelle Kizilkaya

(73) **Assignee:** **Oglevee Ltd.**, Connellsville, PA (US)

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

(*) **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 and distinct cultivar of Poinsettia plant named 'Early Joy Pink', characterized by its uniform plant growth habit; dark green-colored leaves with red-colored petioles; early flowering habit; inflorescences with pink-colored flower bracts; and excellent post-production longevity.

(21) **Appl. No.:** **10/173,047**

(22) **Filed:** **Jun. 18, 2002**

(51) **Int. Cl.**⁷ **A01H 5/00**

1 Drawing Sheet

1

BOTANICAL CLASSIFICATION/CULTIVAR DENOMINATION

Euphorbia pulcherrima Willd. cultivar Early Joy Pink.

BACKGROUND OF THE INVENTION

The present Invention relates to a new and distinct cultivar of Poinsettia plant, botanically known as *Euphorbia pulcherrima* Willd., and hereinafter referred to by the name 'Early Joy Pink'.

The new Poinsettia is a product of a planned breeding program conducted by the Inventor in Lompoc, Calif. The objective of the breeding program is to create new Poinsettia cultivars with uniform plant habit and attractive flower bract coloration.

The new Poinsettia is a induced mutation of the *Euphorbia pulcherrima* Willd. cultivar Early Joy, disclosed in U.S. Plant patent application Ser. No. 09/447,5973, U.S. Plant Pat. No. 13,391. The new Poinsettia was discovered and selected by the Inventor as a single plant within a population of irradiated plants of the cultivar Early Joy in a controlled environment in Lompoc, Calif. The selection of this plant was based on its attractive flower bract coloration and uniform plant habit.

Asexual reproduction of the new Poinsettia by vegetative terminal cuttings taken at Lompoc, Calif., has shown that the unique features of this new Poinsettia are stable and reproduced true to type in successive generations of asexual reproduction.

BRIEF SUMMARY OF THE INVENTION

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

1. Uniform plant growth habit.
2. Dark green-colored leaves with reddish-colored petioles.
3. Early flowering habit.
4. Inflorescences with pink-colored flower bracts.
5. Excellent post-production longevity.

2

Plants of the new Poinsettia differ primarily from plants of the parent cultivar in flower bract coloration as plants of the cultivar Early Joy have red-colored flower bracts.

Plants of the new Poinsettia can be compared to plants of the cultivar V-14 Pink, disclosed in U.S. Plant Pat. No. 4,808. In side-by-side comparisons conducted in Lompoc, Calif., plants of the new Poinsettia differed from plants of the cultivar V-14 Pink in the following characteristics:

1. Plants of the new Poinsettia had darker green-colored leaves than plants of the cultivar V-14 Pink.
2. Plants of the new Poinsettia had reddish-colored stems and leaf petioles whereas plants of the cultivar V-14 Pink had green-colored stems and leaf petioles.
3. Plants of the new Poinsettia had larger inflorescences than plants of the cultivar V-14 Pink.
4. Plants of the new Poinsettia had broader flower bracts than plants of the cultivar V-14 Pink.
5. Plants of the new Poinsettia had slightly darker pink-colored flower bracts than plants of the cultivar V-14 Pink.
6. Plants of the new Poinsettia flowered about 1.5 weeks earlier than plants of the cultivar V-14 Pink when flowered under controlled photoperiods.

BRIEF DESCRIPTION OF THE PHOTOGRAPH

The accompanying colored photograph illustrates the overall appearance of the new Poinsettia, showing the colors as true as it is reasonably possible to obtain in colored reproductions of this type. Colors in the photograph may differ slightly from the color values cited in the detailed botanical description which accurately describe the colors of the new Poinsettia. The photograph comprises a top perspective view of a single flowering plant of 'Early Joy Pink' grown in a container.

DETAILED BOTANICAL DESCRIPTION

The new Poinsettia 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 aforementioned photograph and, following observations and measurements describe plants grown in Lompoc, Calif. during the fall and winter under commercial practice in a fiberglass-covered greenhouse with night temperatures about 16° C. and light levels about 3,000 to 4,000 foot-candles. Single plants were grown in 15-cm pots, pinched once, and flowered under controlled short day/long night conditions. Plants were about 17 weeks from unrooted cuttings when the photographs and the detailed botanical description were taken.

In the following description, color references are made to The Royal Horticultural Society Colour Chart, 1995 edition, except where general terms of ordinary dictionary significance are used.

Botanical classification: *Euphorbia pulcherrima* Willd. cultivar Early Joy Pink.

Parentage: Induced mutation of the *Euphorbia pulcherrima* Willd. cultivar Early Joy, disclosed in U.S. Plant patent application Ser. No. 09/447,597, U.S. Plant Pat. No. 13,391.

Propagation:

Type cutting.—Vegetative terminal cuttings.

Time to produce rooted young plants.—Summer: About 14 days at 21° C. Winter: About 18 days at 21° C.

Root description.—Thick, fibrous and freely-branching.

Plant description:

Growth habit.—Upright and uniform plant habit; inverted triangle; vigorous.

Plant height.—About 25 to 30 cm.

Plant diameter or spread.—About 45 to 50 cm.

Lateral branch description.—Quantity: Plants pinched to five or six leaves develop one lateral branch per node. Strength: Strong. Color: Close to 185D.

Foliage description.—Arrangement: Alternate, single. Length: About 10.5 to 11.5 cm. Width: About 9.5 to 10.5 cm. Shape: Ovate. Apex: Acuminate. Base: Obtuse. Margin: Entire with irregular lobing. Venation pattern: Pinnate. Texture, upper and lower surfaces: Glabrous. Surface: Rugose. Color: Young foliage, upper surface: 146C. Young foliage, lower surface: 146B. Fully expanded foliage, upper sur-

face: 147A. Fully expanded foliage, lower surface: 146A. Petioles: Length: About 5.5 to 6 cm. Texture: Glabrous. Color, upper and lower surfaces: 185D.

Inflorescence description:

Inflorescence type and habit.—Inflorescences are compound corymbs of cyathia with colored flower bracts subtending the cyathia. Inflorescences are not fragrant. Inflorescences persistent.

Natural flowering season.—Autumn/winter in Northern Hemisphere. Flower initiation and development is induced under short day/long night conditions. Early flowering; response time, about seven weeks, under controlled photoperiod conditions.

Post-production longevity.—Plants of the new Poinsettia maintain good substance and bract color for about six to eight weeks under interior conditions.

Quantity of inflorescences.—One per lateral branch, about five or six per plant.

Inflorescence diameter.—About 25 to 30 cm.

Flower bracts.—Quantity of flower bracts: About 20 per inflorescence. Length, largest bracts: About 13 to 14 cm. Width, largest bracts: About 9 to 10 cm. Shape: Ovate. Apex: Acuminate. Base: Obtuse. Margin: Entire with irregular lobing. Texture, upper and lower surfaces: Glabrous. Surface: Rugose. Orientation: Mostly horizontal. Color: Developing bracts, upper and lower surfaces: 51A. Fully developed bracts, upper and lower surfaces: 51B.

Cyathia.—Quantity of cyathia: About 15 to 20 per corymb. Diameter of cyathia cluster: About 4 to 4.5 cm. Shape: Ovoid. Color: 145A. Stamens: Quantity of stamens: At least 10 per cyathium. Anther shape: Oblong. Anther color: 53C. Filament color: 53C. Pollen color: Close to 14A. Pistils: Quantity of pistils: One per cyathium. Style color: 145C. Stigma color: 53C. Ovaries: Quantity of ovaries: Three per cyathium. Color: 145A. Nectaries: Quantity of nectaries: One per cyathium. Color: Close to 12A.

Disease resistance: Plants of the new Poinsettia have been observed to be resistant to Botrytis.

It is claimed:

1. A new and distinct cultivar of Poinsettia plant named 'Early Joy Pink', as illustrated and described.

* * * * *

