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Klemm et al.

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(54) **POINSETTIA PLANT NAMED ‘NPCW13211’**

(50) Latin Name: *Euphorbia pulcherrima*
Varietal Denomination: **NPCW13211**

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(57) **ABSTRACT**

A new poinsettia plant particularly distinguished by having
white colored bracts, medium earliness, a small, thin stem
diameter, and small cyathia, is disclosed.

1 Drawing Sheet

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Genus and species: *Euphorbia pulcherrima*.
Variety denomination:
‘NPCW13211’.

BACKGROUND OF THE NEW PLANT

The present invention comprises a new and distinct variety
of poinsettia, botanically known as *Euphorbia pulcherrima*
and hereinafter referred to by the variety name
‘NPCW13211’. ‘NPCW13211’ was derived as a selection of
a single, white plant among a population derived from irra-
diated cuttings of the poinsettia CHRISTMAS FEELINGS™
‘Marble’ (unpatented), having white bracts with pink centers.

In November 2010, a single white plant was selected in
Stuttgart, Germany from irradiated lines of poinsettia
CHRISTMAS FEELINGS™ ‘Marble’. In February 2011,
‘NPCW13211’ was first asexually propagated by vegetative
cuttings. ‘NPCW13211’ was found to reproduce true to type
in successive generations of asexual propagation via vegeta-
tive cuttings in Stuttgart, Germany.

CROSS REFERENCE TO RELATED APPLICATIONS

Plant Breeder’s Rights for ‘NPCW13211’ were applied for
in Europe on Dec. 9, 2013 (Application No. 2013/3122, Grant
No. 41461), however an application number has not been
assigned. ‘NPCW13211’ has not been made publicly avail-
able or sold more than one year prior to the filing date of this
application.

SUMMARY

The following are the most outstanding and distinguishing
characteristics of this new variety when grown under normal
horticultural practices in Stuttgart, Germany.

1. White colored bracts;
2. Medium earliness;

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3. Small, thinner stem diameter; and
4. Small cyathia.

DESCRIPTION OF THE PHOTOGRAPH

This new poinsettia plant is illustrated by the accompany-
ing photograph which shows an overall view of the plant.

The photograph is of a plant approximately four-months-
old grown indoors in Stuttgart, Germany in December 2010.
The colors shown are as true as can be reasonably obtained by
conventional photographic procedures.

DESCRIPTION OF THE NEW VARIETY

The following detailed descriptions set forth the distinctive
characteristics of ‘NPCW13211’. The data which define
these characteristics were collected from asexual reproduc-
tions carried out in Stuttgart, Germany. Data was collected on
four-month-old plants grown indoors in Stuttgart, Germany
under greenhouse conditions in the fall of 2013. Color refer-
ences are to The R.H.S. Colour Chart of The Royal Horticul-
tural Society of London (R.H.S.), 5th edition (2007).

Classification:

Family.—Euphorbiaceae.

Species.—*Euphorbia pulcherrima*.

Common name.—Poinsettia.

Variety.—‘NPCW13211’.

Parentage: Selection from the irradiated poinsettia CHRIST-
MAS FEELINGS™ ‘Marble’.

Growth:

Time to produce a rooted cutting.—4 weeks.

Blooming habit.—Intermittent.

Flowering response time.—Approximately 55 days.

Keeping quality.—Excellent.

Root habit.—Freely branching.

Root color.—White.

Time to initiate roots.—Approximately two weeks.

Plant description:
Form.—Triangular.
Growth habit.—Upright.
Height.—25.0 cm to 35.0 cm.
Width.—20.0 cm to 30.0 cm.
Number of branches.—5 to 7.
Average number of inflorescences per plant.—6.
Disease and pest resistance.—None observed.

Propagation:
Type cuttings.—Apical cutting.
Time to produce a rooted cutting.—4 weeks.

Stems:
Color.—RHS 143A.
Length.—23.0 cm.
Internode length.—1.0 cm to 3.0 cm.
Diameter.—0.5 cm to 0.7 cm.
Branching habit.—Freely branching.
Lateral branches.—Quantity of lateral branches 5 to 7.
Length: 30.0 cm to 35.0 cm. Diameter: 0.5 cm to 0.7 cm. Internode length: 1.0 cm to 3.0 cm. Texture: Smooth. Color: RHS 143A.

Leaves:
Quantity.—6 to 9 per lateral branch.
Arrangement.—Alternate.
Shape.—Ovate.
Apex.—Acute.
Base.—Obtuse.
Margin.—Serrate.
Lobes.—Lobation characteristics: Shallow. Number of lobes on leaf blade: 0 to 2.
Depth of deepest sinus of leaf blade.—0.3 cm.
Texture (both surfaces).—Smooth.
Venation pattern.—Reticulate.
Vein color.—Upper surface: RHS 144D. Lower surface: RHS 139D.
Variegation.—Absent Color: Mature foliage: Upper surface: RHS 139A. Lower surface: RHS 139B. Immature foliage: Upper surface: RHS 141A. Lower surface: RHS 139B.
Leaf petiole.—Length: 3.0 cm to 5.0 cm. Diameter: 0.2 cm to 0.3 cm. Color: RHS 139C. Texture: Smooth.

Inflorescence:
Lastingness of inflorescence on the plant.—4 to 5 weeks.
Diameter.—16.0 cm to 20.0 cm.
Height.—3.0 cm to 4.0 cm.
Fragrance.—Absent.
Natural flowering season.—November and December.

Bracts:
Number of bracts per inflorescence.—6 to 7.
Shape.—Ovate.
Apex.—Acute.
Base.—Obtuse.
Margin.—Slightly serrate.
Size.—Length: 7.0 cm to 12.0 cm. Width: 4.0 cm to 8.0 cm.
Texture.—Upper surface: Smooth. Lower surface: Smooth.
Venation pattern.—Reticulate.

Vein color.—Upper surface: RHS 4D. Lower surface: RHS 139D.
Bract color.—Upper surface: RHS 4D. Lower surface: RHS 4D.
Bract petiole.—Length: 0.6 cm to 1.5 cm. Diameter: 0.2 cm to 0.3 cm. Color: RHS 139D. Texture: Smooth.

Cyme:
Diameter. 1.0 cm to 2.0 cm.
Cyathia number.—5 to 6 per inflorescence.
Cyathium.—Shape: Ovate. Diameter: 0.2 cm to 0.3 cm. Length: 0.2 cm to 0.5 cm. Color: RHS 143B. Deformation of glands of cyathia: Absent. Time of opening of cyathia: Beginning of December, first pollen in parallel to opening of nectary cups.
Peduncle.—Color: RHS 142B. Length: 0.1 cm to 0.2 cm.
Nectar cups.—Number: 1 to 2 per cyathium. Diameter: 0.1 cm. Length: 0.2 cm. Color: RHS 2B.

Reproductive organs: Not observed.
Fruit and seed set: No fruit or seed set have been observed.

COMPARISON WITH PARENTAL LINE AND KNOWN VARIETY

‘NPCW13211’ is a distinct variety of poinsettia having white bracts. ‘NPCW13211’ is distinguished from its parent CHRISTMAS FEELINGS™ ‘Marble’ as described in Table 1:

TABLE 1

Comparison with Parental Line		
Trait	Variety ‘NPCW13211’	Female parent CHRISTMAS FEELINGS™ ‘Marble’
Bract color	White	White with a pink center

‘NPCW13211’ is most similar to the commercial poinsettia plant named ‘Premium White’ (patent status unknown). Differences between the two varieties are described in Table 2:

TABLE 2

Comparison with Similar Variety		
Trait	Variety ‘NPCW13211’	Commercial line ‘Premium White’
Vigor	Low to medium	Low
Earliness	Medium early (1 week later)	Early
Stem diameter	Smaller (thinner)	Larger (thicker)
Cyathia size	Smaller	Larger

The invention claimed is:
1. A new and distinct variety of Poinsettia plant named ‘NPCW13211’ as illustrated and described herein.

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