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**Ren**

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(54) **ECHINACEA PLANT NAMED ‘BALSCANERY’**

(50) Latin Name: *Echinacea*×*hybrida*  
Varietal Denomination: **Balscanery**

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patent is extended or adjusted under 35  
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(58) **Field of Classification Search**  
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(57) **ABSTRACT**

A new and distinct cultivar of *Echinacea* plant named  
‘Balscanery’, characterized by its double-type, red-purple  
colored inflorescences, medium green-colored foliage, and  
moderately vigorous, compact-upright growth habit, is dis-  
closed.

**1 Drawing Sheet**

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Latin name of genus and species of plant claimed: *Echina-  
cea*×*hybrida*.

Variety denomination: ‘Balscanery’.

**BACKGROUND OF THE INVENTION**

The present invention relates to a new and distinct cultivar  
of *Echinacea* plant botanically known as *Echinacea*×*hybrida*  
and hereinafter referred to by the cultivar name ‘Balscanery’.

The new cultivar originated in a controlled breeding pro-  
gram in Elburn, Ill. during October 2008. The objective of the  
breeding program was the development of *Echinacea* culti-  
vars with a double flower form and a well-branched growth  
habit.

The new *Echinacea*×*hybrida* cultivar is the result of cross-  
pollination. The female (seed) parent of the new cultivar is the  
cultivar ‘Balscoberr’, U.S. Pat. No. 7,982,110 and U.S. Plant  
Pat. No. 23,145, characterized by its double-type, red-orange  
with purple colored inflorescences, medium green-colored  
foliage, and moderately vigorous, upright growth habit. The  
male (pollen) parent of the new cultivar is from a bulk pollen  
mix of three proprietary *Echinacea*×*hybrida* breeding selec-  
tions coded E30-2, E32-2, and E33-5, U.S. Pat. No. 7,982,  
110, characterized by their single-type, light to dark shades of  
orange-colored inflorescences, medium green-colored foli-  
age, and moderately vigorous, semi-upright growth habit.  
The new cultivar was discovered and selected as a single  
flowering plant within the progeny of the above stated cross-  
pollination during July 2009 in a controlled environment in  
Elburn, Ill.

Asexual reproduction of the new cultivar by in vitro propa-  
gation since July 2009 in West Chicago, Ill. has demonstrated  
that the new cultivar reproduces true to type with all of the  
characteristics, as herein described, firmly fixed and retained  
through successive generations of such asexual propagation.

**SUMMARY OF THE INVENTION**

The following characteristics of the new cultivar have been  
repeatedly observed and can be used to distinguish ‘Balscan-  
ery’ as a new and distinct cultivar of *Echinacea* plant:

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1. Double-type, red-purple colored inflorescences;
2. Medium green-colored foliage; and
3. Moderately vigorous, compact-upright growth habit.

Plants of the new cultivar differ from plants of the female  
parent primarily in inflorescence color. Plants of the new  
cultivar differ from plants of the male parent primarily in  
inflorescence form and inflorescence color.

Of the many commercially available *Echinacea* cultivars,  
the most similar in comparison to the new cultivar is  
‘Balsceras’, U.S. Pat. No. 7,982,110 and U.S. Plant Pat. No.  
23,117. However, in side-by-side comparisons, plants of the  
new cultivar differ from plants of ‘Balsceras’ in at least the  
following characteristics:

1. Plants of the new cultivar have a ray floret color that is  
different from plants of ‘Balsceras’;
2. Plants of the new cultivar are shorter than plants of  
‘Balsceras’;
3. Plants of the new cultivar have smaller diameter flowers  
than plants of ‘Balsceras’; and
4. Plants of the new cultivar have more branches per plant  
than plants of ‘Balsceras’.

**BRIEF DESCRIPTION OF THE PHOTOGRAPHS**

The accompanying photographs show, as nearly true as it is  
reasonably possible to make the same in color illustrations of  
this type, typical flower and foliage characteristics of the new  
cultivar. Colors in the photographs differ slightly from the  
color values cited in the detailed description, which accu-  
rately describes the colors of ‘Balscanery’. Plants were trans-  
planted from greenhouse-grown one-gallon containers and  
field grown for approximately 8 weeks in West Chicago, Ill.

FIG. 1 illustrates a side view of the overall growth and  
flowering habit of ‘Balscanery’.

FIG. 2 illustrates a close-up view of an individual inflores-  
cence of ‘Balscanery’.

**DETAILED BOTANICAL DESCRIPTION**

The new cultivar has not been observed under all possible  
environmental conditions to date. Accordingly, it is possible



that the phenotype may vary somewhat with variations in the environment, such as temperature, light intensity, and day length, without, however, any variance in genotype.

The chart used in the identification of colors described herein is The R.H.S. Colour Chart of The Royal Horticultural Society, London, England, 2007 edition, except where general color terms of ordinary significance are used. The color values were determined in July 2012 under natural light conditions in West Chicago, Ill.

The following descriptions and measurements describe plants produced from in vitro plantlets and grown in a glass-covered greenhouse in one-gallon containers under conditions comparable to those used in commercial practice. Greenhouse temperatures were maintained at approximately 50° F. to 70° F. (10.0° C. to 21.1° C.) during the day and approximately 35° F. to 50° F. (1.7° C. to 10.0° C.) during the night. No supplemental lighting was provided. The plants were transplanted to a field in West Chicago, Ill. and grown for approximately 8 weeks. Measurements and numerical values represent averages of typical plants.

Botanical classification: *Echinacea*×*hybrida* cultivar Balscanery.

Parentage:

*Female parent*.—‘Balscoberr’, U.S. Pat. No. 7,982,110 and U.S. Plant Pat. No. 23,145.

*Male parent*.—Bulk pollen mix of three proprietary *Echinacea*×*hybrida* breeding selections coded E30-2, E32-2, and E33-5, U.S. Pat. No. 7,982,110.

Propagation:

*Type*.—In vitro propagation is preferred, divisions are possible.

*Time to initiate roots in vitro*.—Approximately 30 days at 18° C.

*Time to produce a rooted plantlet in summer*.—Approximately 30 days at 18° C.

*Root description*.—Fine, fibrous; grey to light brown in color.

*Rooting habit*.—Moderate density, moderate branching.

Plant description:

*Commercial crop time*.—Approximately 18 weeks from a rooted tissue culture plantlet to finish in a 1 gallon container.

*Growth habit and general appearance*.—Compact-upright, herbaceous perennial.

*Growth rate*.—Moderately vigorous.

*Outdoor plant performance*.—Use as bedding plants or in mixed-container plantings; at least tolerant to temperatures up to 35° C. and hardy to USDA zone 4.

*Size*.—Height from soil level to top of plant plane: Approximately 30.5 cm. Width: Approximately 48.5 cm.

*Branching habit*.—No lateral branching, flowering stems grow from base. Quantity of main stems per plant: Approximately 6.

*Stems*.—Strength: Very strong. Aspect: Nearly erect. Shape: Rounded. Length to base of inflorescence: Approximately 35.0 cm. Diameter: Approximately 6.0 mm. Length of central internode: Approximately 4.5 cm. Texture: Densely pubescent with short strigose hairs. Color of young and mature stems: 145A with an overlay of 187A.

Foliage description:

*General description*.—Form: Simple. Arrangement: Alternate.

*Leaves*.—Aspect: Perpendicular to stem, subtending with age. Shape: Narrowly ovate. Margin: Entire. Apex: Acute. Base: Attenuate. Venation pattern: Pinnate. Length of mature leaf: Approximately 11.5 cm. Width of mature leaf: Approximately 3.4 cm. Texture of upper surface: Dull, moderately pubescent with short strigose hairs. Texture of lower surface: Moderately pubescent with short strigose hairs. Color of upper surface of young foliage: Closest to 137C with venation of 147D. Color of lower surface of young and mature foliage: Closest to 138B with venation of 145D. Color of upper surface of mature foliage: Closest to 137B with venation of 147D.

*Petiole*.—Shape: V-shaped. Length: Approximately 6.0 cm. Diameter: Approximately 2.0 to 3.0 mm. Texture of upper surface: Glabrous. Texture of lower surface: Glossy, sparsely covered with very short strigose hairs. Color of upper and lower surfaces: Closest to 147D.

Flowering description:

*Flowering habit*.—‘Balscanery’ is freely flowering under outdoor growing conditions blooming from spring through autumn and with limited flowering under short winter days in a greenhouse environment.

*Lastingness of individual inflorescence on the plant*.—Approximately 3 weeks.

Inflorescence description:

*General description*.—Type: Solitary, double, composite. Persistent. Shape: Hemispherical. Aspect: Facing upward. Arrangement: Terminal, held upright on strong peduncles. Fragrance: Faintly sweet. Quantity per plant: Approximately 16. Height: Approximately 5.8 cm. Diameter: Approximately 6.7 cm.

*Peduncle*.—Strength: Strong. Aspect: Erect to approximately 45° from vertical. Length: Approximately 12.0 cm. Diameter: Approximately 3.0 mm. Texture: Moderately pubescent with short strigose hairs. Color: 145A with an overlay of 187A.

*Bud*.—Quantity per plant: Approximately 1. Shape: Flattened globular with immature ray florets nearly erect. Length: Approximately 1.2 cm. Diameter: Approximately 2.3 cm. Color: Outer ray florets of 60A and a bud center of 144B.

*Ray florets*.—Quantity per inflorescence: Approximately 13. Arrangement: In a single whorl. Aspect: Subtending. Shape: Narrowly elliptic. Appearance: Dull. Margin: Entire. Apex: Three acute tips. Base: Attenuate. Length: Approximately 3.8 cm. Width: Approximately 1.1 cm. Texture of upper and lower surfaces: Smooth, ribbed longitudinally. Color of upper surface when first open: 60A. Color of lower surface when first and open: 60C. Color of upper surface when fully open: 60B transitioning to 60C with age.

*Disc florets*.—Disc diameter: Approximately 5.0 cm. Disc height: Approximately 3.6 cm. Quantity per inflorescence: Approximately 250. Arrangement: Spirally arranged in center of inflorescence. Shape: Tubular. Margin of free portion: Entire. Apex: Three acute tips. Base: Fused into a tube. Length: Approximately 2.2 cm. Diameter at apex: Approximately 5.0 mm. Texture: Glabrous. Color of upper or inner surface when first and fully open: 60A. Color of lower or outer surface when first and fully open: 60B with 145D at base.

*Receptacle*.—Shape: Conical. Height: Approximately 1.4 cm. Diameter: Approximately 8.0 mm. Color: 155D.

*Phyllaries*.—Quantity per inflorescence Approximately 40. Arrangement: In three whorls. Appearance: Dull, stiff. Shape: Narrowly ovate to lanceolate, strongly curved towards the peduncle. Margin: Entire. Apex: Acute. Base: Truncate. Length: Approximately 1.1 cm. Width: Approximately 2.0 mm. Texture of upper or inner surface: Glabrous. Texture of lower or outer surface: Surface moderately pubescent and margins densely pubescent with short strigose hairs. Color of upper surface: 137B. Color of lower surface: 137C.

*Receptacle spines*.—Number of spines per disc: Approximately 250. Shape: Acicular. Length:

Approximately 1.5 cm. Width at widest point: Approximately 2.0 mm. Apex: Acute. Base: Attenuate. Texture: Glabrous. Color: Apex of 167B tipped with 187C, mid-section of 144A, and base of 145D.

*Reproductive organs*.—Vestigial.

Seed and fruit production: Neither seed nor fruit production has been observed.

Disease and pest resistance: No particular resistance or susceptibility to other diseases or insects noted to date.

What is claimed is:

1. A new and distinct cultivar of *Echinacea* plant named 'Balscanery', substantially as herein shown and described.

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FIG. 1



FIG. 2