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

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(54) **SYMPHORICARPOS PLANT NAMED**
'BOKRABRIGHT'

PP13,206 P2 * 11/2002 van Leyssen Plt./226
PP13,244 P2 * 11/2002 de Jong Plt./226
2003/0150029 P1 * 8/2003 Arisz Plt./226

(50) Latin Name: *Symphoricarpos albus*
Varietal Denomination: **Bokrabright**

OTHER PUBLICATIONS

(75) Inventor: **Jack Boot**, Boskoop (NL)

UPOV ROM GTITM Computer Database GTI Jouve
Retrieval Software 2003/04 Citation For 'Bokrabright'.*

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(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

* cited by examiner

(21) Appl. No.: **10/421,334**

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(51) **Int. Cl.**⁷ **A01H 5/00**

(52) **U.S. Cl.** **Plt./226**

(58) **Field of Search** Plt./226

(57) **ABSTRACT**

A new and distinct cultivar of *Symphoricarpos* plant named
'Bokrabright', characterized by its upright and outwardly
spreading plant habit; freely branching growth habit;
whitish-colored fruits; and good postproduction longevity.

(56) **References Cited**

U.S. PATENT DOCUMENTS

PP13,204 P2 * 11/2002 de Jong Plt./226

2 Drawing Sheets

1

2

Botanical classification/cultivar designation: *Symphoricarpos albus* cultivar Bokrabright.

BACKGROUND OF THE INVENTION

The present Invention relates to a new and distinct cultivar of *Symphoricarpos* plant, botanically known as *Symphoricarpos albus*, commercially used as cut stems with fruits, and hereinafter referred to by the name 'Bokrabright'.

The new *Symphoricarpos* is a product of a planned breeding program conducted by the Inventor in Boskoop, The Netherlands. The objective of the breeding program was to develop cut *Symphoricarpos* cultivars with attractive fruit coloration.

The new cultivar originated from a cross made by the Inventor in 1996 of two unidentified proprietary seedling selections, not patented. The cultivar Bokrabright was discovered and selected by the Inventor in 1998 as a flowering plant within the progeny of the stated cross in a controlled environment in Boskoop, The Netherlands.

Asexual reproduction of the new *Symphoricarpos* by terminal cuttings taken at Boskoop, The Netherlands, has shown that the unique features of this new *Symphoricarpos* are stable and reproduced true to type in successive generations of asexual reproduction.

SUMMARY OF THE INVENTION

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

- 1. Upright and outwardly spreading plant habit.
- 2. Freely branching growth habit.

3. Whitish-colored fruits.

4. Good postproduction longevity.

Plants of the new *Symphoricarpos* differ from plants of the parent seedling selections primarily in growth habit and fruit coloration.

Plants of the new *Symphoricarpos* can be compared to plants of the *Symphoricarpos* cultivar White Hedge, not patented. In side-by-side comparisons conducted in Boskoop, The Netherlands, plants of the new *Symphoricarpos* differed from plants of the cultivar White Hedge in the following characteristics:

- 1. Plant of the new *Symphoricarpos* were more upright than plants of the cultivar White Hedge.
- 2. Plants of the new *Symphoricarpos* had larger fruits than plants of the cultivar White Hedge.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

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

The photograph at the top of the first sheet comprises a side perspective view of a typical plant of 'Bokrabright'. The photograph at the bottom of the first sheet is a close-up view of typical leaves of 'Bokrabright'.

The photograph at the top of the second sheet comprises a close-up view of typical flowers of 'Bokrabright'.

The photograph at the bottom of the second sheet comprises a close-up view of typical fruits of 'Bokrabright'.

DETAILED BOTANICAL DESCRIPTION

The new *Symphoricarpos* 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 photographs, following observations and measurements describe plants grown in Boskoop, The Netherlands, in an outdoor nursery and under commercial production practices. Plants were about two years old and pruned annually during the spring. The photographs and description were taken during the summer when outdoor day temperatures ranged from 7 to 30° C. and night temperatures ranged from 3 to 16° C. 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.

Botanical classification: *Symphoricarpos albus* cultivar Bokrabright.

Parentage:

Female parent.—Unidentified proprietary selection of *Symphoricarpos albus*, not patented.

Male parent.—Unidentified proprietary selection of *Symphoricarpos albus*, not patented.

Propagation:

Type.—Terminal cuttings.

Time to produce a rooted cutting.—Summer: About 20 days at 20° C. Winter: About 40 days at 12° C.

Time to produce a rooted young plant.—About 90 days at 20° C.

Root description.—Freely branching; medium thickness; light brown in color.

Plant description:

Plant form.—Upright and outwardly spreading perennial shrub; broad inverted triangle.

Growth habit.—Moderately vigorous. Freely branching; dense and bushy growth habit.

Growth rate.—Plants grow about 15 cm per month during the spring in Boskoop, The Netherlands.

Plant height.—About 120 cm.

Plant width (spread).—About 120 cm.

Quantity of stems per year.—About 15.

Lateral branches.—Length: About 21 cm. Diameter: About 2 mm. Internode length: About 3.8 cm. Strength: Strong. Texture: Smooth; glabrous. Color, immature: 143B to 143C. Color, mature: Between N199C and 165A.

Foliage description.—Leaves opposite, simple and generally symmetrical. Length: About 2.7 to 4.8 cm. Width: About 2.3 to 4 cm. Shape: Ovate. Apex: Obtuse. Base: Obtuse. Margin: Developing leaves, mostly entire; fully expanded leaves with shallow lobing. Texture, upper and lower surfaces: Glabrous; slightly rugose. Venation pattern: Pinnate. Color: Developing leaves, upper surface: Between 141A and 143A. Developing leaves, lower surface: 137C. Fully expanded leaves, upper surface: 137A. Fully expanded leaves, lower surface: 138A. Venation, upper surface: 138B. Venation, lower surface: 144A to 144B. Petiole: Length: About 4 mm. Diameter: About 1 mm. Color, upper and lower surfaces: 143B.

Flower description:

Flower type and habit.—Single campanulate flowers arranged in terminal and axillary clusters with about

16 flowers per cluster; about 112 flowers and flower buds per lateral branch. Flowers not fragrant. Flowers not persistent. Flowers face outward to slightly drooping.

Natural flowering season.—Typically July to early September in Boskoop, The Netherlands.

Postproduction longevity.—Cut stems are typically harvested when all flowers have developed fruits. Flowers last about three to five days on the plant. Postproduction longevity of cut stems with fruits is about two weeks.

Flower cluster height.—About 2.4 cm.

Flower cluster diameter.—About 1.6 cm.

Flower buds.—Height: About 4 mm. Diameter: About 4 mm. Shape: Orbicular. Color: 59C.

Flowers.—Diameter: About 5 mm. Depth: About 5 mm.

Petals.—Quantity per flower: Five. Length: About 5 mm. Width: About 3 mm. Shape: Elliptic to obovate. Apex: Obtuse. Base: Fused. Margin: Entire. Texture, upper surface: Pubescent. Texture, lower surface: Glabrous. Color: Developing and fully opened flowers, upper surface: 62C to 62D; color does not fade with subsequent development. Developing and fully opened flowers, lower surface: 58A.

Sepals.—Quantity per flower: Five. Length: About 4 mm. Width: About 1 mm. Shape: Linear. Apex: Acuminate. Base: Fused. Margin: Entire. Texture, upper and lower surfaces: Smooth; glabrous. Color: Developing and fully expanded sepals, upper surface: 143C. Developing and fully expanded sepals, lower surface: 143B; towards the apex, 178A.

Peduncles.—Length: About 1 cm. Diameter: About 1 mm. Orientation: About 45° from vertical. Strength: Moderately strong. Color: 143B.

Pedicels.—Length: About 1 mm. Diameter: About 1 mm. Orientation: About 30 to 70° from vertical. Strength: Moderately strong. Color: 143A to 143B.

Reproductive organs.—Stamens: Quantity per flower: About five. Anther shape: Narrowly oblong. Anther length: About 1.2 mm. Anther color: 158A. Pollen amount: Scarce. Pollen color: Close to 158D. Pistils: Quantity per flower: One. Pistil length: About 2.5 mm. Stigma shape: Club-shaped. Stigma color: 143A to 143B. Style length: About 2 mm. Style color: 145D. Ovary color: 143B.

Fruits.—Quantity per flower: One. Days to ripening: About 30. Type: Berry. Shape: Spherical. Length: About 1.2 cm. Diameter: About 1.2 cm. Texture: Smooth; glabrous. Color: Initially 145C to 145D, becoming closer to 157B with development; slightly glossy.

Seeds.—Quantity per fruit: About two per fruit. Length: About 4 mm. Diameter: About 3 mm. Texture: Smooth; glabrous. Color: 155D.

Disease/pest resistance: Plants of the new *Symphoricarpos* have not been observed to be resistant to pathogens and pests common to *Symphoricarpos*.

Temperature tolerance: Plants of the new *Symphoricarpos* have been observed to tolerate temperatures ranging from -20 to 35° C.

It is claimed:

1. A new and distinct cultivar of *Symphoricarpos* plant named 'Bokrabright', as illustrated and described.

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