



US00PP13622P29

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

(10) **Patent No.:** **US PP13,622 P2**  
(45) **Date of Patent:** **Mar. 4, 2003**

(54) **SPIRAEA PLANT NAMED 'GREEN CARPET'**

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

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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.

(57) **ABSTRACT**

(21) **Appl. No.:** **10/036,936**

A new and distinct cultivar of Spiraea plant named 'Green  
Carpet', characterized by its compact, and low mounding  
plant habit; dense and bushy growth habit; and small green-  
colored leaves.

(22) **Filed:** **Dec. 31, 2001**

(51) **Int. Cl.**<sup>7</sup> ..... **A07H 5/00**

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

**1 Drawing Sheet**

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**BOTANICAL CLASSIFICATION/CULTIVAR  
DESIGNATION**

*Spiraea x bumalda* cultivar name Green Carpet.

**BACKGROUND OF THE INVENTION**

The present Invention relates to a new and distinct culti-  
var of Spiraea plant, botanically known as *Spiraea x*  
*bumalda*, and hereinafter referred to by the cultivar name  
Green Carpet.

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The new Spiraea is a product of a planned breeding  
program conducted by the Inventor in Boisbriand, Quebec,  
Canada. The objective of the breeding program is to create  
compact Spiraeas with unique leaf coloration and few to no  
flowers.

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The new Spiraea originated from a cross made by the  
Inventor of a proprietary Spiraea selection identified as code  
number G-DW-80-48, not patented, as the female, or seed  
parent, with a proprietary Spiraea selection identified as  
code number G-DW-80-106, not patented, as the male, or  
pollen parent. The new Spiraea was first observed in 1983  
and was selected in 1984 as a single plant from the resulting  
progeny by the Inventor in a controlled environment in  
Boisbriand, Quebec, Canada, on the basis of its green-  
colored foliage.

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Asexual reproduction of the new cultivar by terminal  
cuttings taken in a controlled environment in Boisbriand,  
Quebec, Canada since 1984, has shown that the unique  
features of this new Spiraea are stable and reproduced true  
to type in successive generations.

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**SUMMARY OF THE INVENTION**

Plants of the cultivar Green Carpet have not been  
observed under all possible environmental conditions. The  
phenotype may vary somewhat with variations in environ-  
ment and culture such as temperature, light intensity and  
daylength without, however, any variance in genotype.

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

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1. Compact, and low mounding plant habit.
2. Dense and bushy growth habit.
3. Small green-colored leaves.

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Plants of the new Spiraea differ from plants of the parents  
and the cultivars Golden Carpet, U.S. Plant patent applica-  
tion Ser. No. 10/036,935 filed concurrently, and Sparkling  
Carpet, U.S. Plant patent application Ser. No. 10/036,937  
filed concurrently, primarily in foliage color.

Plants of the new Spiraea are similar in foliage color to  
plants of the Spiraea 'Little Princess', not patented. In  
side-by-side comparisons conducted in Boisbriand, Quebec,  
Canada, plants of the new Spiraea differed from plants of the  
cultivar Little Princess in the following characteristics:

1. Plants of the new Spiraea were more compact than  
plants of the cultivar Little Princess.
2. Plants of the new Spiraea produced no or only a few  
flowers whereas plants of the cultivar Little Princess  
produced numerous flowers.

Plants of the new Spiraea can also be compared to plants  
of the Spiraea 'Walbuma', disclosed in U.S. Plant Pat. No.  
9,363. In side-by-side comparisons conducted in Boisbriand,  
Quebec, Canada, plants of the new Spiraea differed from  
plants of the cultivar Walbuma in the following character-  
istics:

1. Plants of the new Spiraea were more compact than  
plants of the cultivar Walbuma.
2. Plants of the new Spiraea and the cultivar Walbuma  
differed in foliage coloration.
3. Plants of the new Spiraea produced no or few flowers  
whereas plants of the cultivar Walbuma produced  
numerous flowers.

**BRIEF DESCRIPTION OF THE PHOTOGRAPH**

The accompanying colored photograph illustrates 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 photograph may differ  
slightly from the color values cited in the detailed botanical  
description which accurately describe the colors of the new  
Spiraea. The photograph comprises a side perspective view  
of a typical three-year old plant of 'Green Carpet' grown in  
an outdoor nursery in Boisbriand, Quebec, Canada.

**DETAILED BOTANICAL DESCRIPTION**

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

Plants grown in an outdoor nursery under full sunlight conditions and commercial production conditions in Boisbriand, Quebec, Canada for about three years were used for the following description.

Botanical classification: *Spiraeaxbumalda* cultivar Green Carpet.

Parentage:

*Female parent*.—Proprietary *Spiraeaxbumalda* selection identified as G-DW-80-48, not patented.

*Male parent*.—Proprietary *Spiraeaxbumalda* selection identified as G-DW-80-106, not patented.

Propagation:

*Type cutting*.—Terminal cuttings.

*Time to initiate roots*.—About 21 to 28 days at 20° C.

*Time to produce a rooted cutting*.—About 5 to 8 weeks at 24 to 28° C.

*Root description*.—Fine, fibrous.

*Rooting habit*.—Freely branching.

Plant description:

*Form*.—Compact perennial deciduous shrub; dense and low mounded plant habit. Freely branching; lateral branches potentially forming at every node.

*Plant height*.—About 16.9 cm.

*Plant diameter*.—About 34.2 cm.

*Vigor*.—Vigorous.

*Lateral branch description*.—Length: About 4 cm. Diameter: About 0.8 mm. Internode length: About 5.2 mm. Strength: Weak to moderately strong. Texture: Glabrous. Color: 165A to 166A.

*Foliage description*.—Leaves simple, alternate, generally symmetrical. Length: About 2.1 cm. Width: About 1.1 cm. Shape: Lanceolate. Apex: Acute. Base: Acute. Margin: Serrate. Texture, upper and lower surfaces: Smooth, glabrous. Venation pattern: Pinnate. Color: Developing foliage, upper surface: 144B to 144C; 144A along veins. Developing foliage, lower surface: 144B; along veins, 144A. Fully expanded foliage, upper surface: 147A. Fully expanded foliage, lower surface: 191A. Venation, upper surface: 146C. Venation, lower surface: 146B. Petiole length: About 1.9 cm. Petiole diameter: About 0.6 mm. Petiole texture: Smooth. Petiole color: 144B.

Flower description:

*Flower type and habit*.—Few to no flowers. Small single flowers arranged in corymbs; flowers face mostly upright. Flowers self-cleaning.

*Natural flowering season*.—June to September in Quebec, Canada; flowering sporadic.

*Flower longevity on the plant*.—About three to four days.

*Fragrance*.—None detected.

*Inflorescence diameter*.—About 1.8 cm.

*Inflorescence height*.—About 1.9 cm.

*Flowers*.—Quantity per inflorescence: About 7. Appearance: Rotate, five-parted. Diameter: About 5.8 mm. Depth: About 2.2 mm.

*Flower buds (showing color)*.—Length: About 2.1 mm. Diameter: About 1.6 mm. Shape: Oblong, rounded. Color: 63B to 63C.

*Petals*.—Quantity per flower: Five. Length: About 2.2 mm. Width: About 2.2 mm. Shape: Rounded. Apex: Rounded. Base: Attenuate. Margin: Entire. Texture, upper and lower surfaces: Smooth. Color: When opening, upper and lower surfaces: 61D. Fully opened, upper surface: 63C to 63D; fading to 65D with subsequent development. Fully opened, lower surface: 63D.

*Sepals*.—Quantity per flower: Five. Calyx length: About 1.6 mm. Calyx diameter: About 1.8 mm. Shape: Deltoid. Apex: Mucronate. Margin: Entire. Texture, upper and lower surfaces: Slightly pubescent. Color, upper and lower surfaces: 153A; towards margin, 59A.

*Peduncles*.—Length: About 8.3 mm. Diameter: About 0.7 mm. Angle: About 34° from the stem. Strength: Flexible, moderately strong. Color: 146D.

*Pedicels*.—Length: About 3.7 mm. Diameter: About 0.4 mm. Angle: About 58° from the stem. Strength: Flexible, moderately strong. Color: 146D.

*Reproductive organs*.—Stamens: Quantity per flower: About 19. Anther shape: Bi-lobed. Anther length: About 0.4 mm. Anther color: 64A. Pollen amount: Moderate. Pollen color: 8D. Pistils: Quantity per flower: About four or five. Pistil length: About 2.1 mm. Stigma shape: Slightly club-shaped. Stigma color: 145C. Style length: About 1 mm. Style color: 11D. Ovary color: 144B.

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

*Disease/pest resistance*: Plants of the new *Spiraea* have not been noted to be resistant to pathogens or pests common to *Spiraea*.

*Weather tolerance*: Plants of the new *Spiraea* have been observed to be tolerant to rain and wind.

It is claimed:

1. A new and distinct cultivar of *Spiraea* plant named 'Green Carpet', as illustrated and described.

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