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

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(54) **PHLOX PLANT NAMED**
'BARSEVENTYFOUR'

(50) Latin Name: *Phlox subulata*
Varietal Denomination: **Barseventyfour**

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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.

(21) Appl. No.: **13/136,345**

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(65) **Prior Publication Data**

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(51) **Int. Cl.**
A01H 5/00 (2006.01)

(52) **U.S. Cl.** **Plt./320**

(58) **Field of Classification Search** **Plt./320**
See application file for complete search history.

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(57) **ABSTRACT**

A new *Phlox* plant named 'Barseventyfour' particularly distinguished by its purple flowers and plant vigor, is disclosed.

1 Drawing Sheet

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Genus and species: *Phlox subulata*.
Variety denomination: 'Barseventyfour'.

BACKGROUND OF THE NEW PLANT

The present invention comprises a new and distinct variety botanically known as *Phlox subulata*, and hereinafter referred to by the variety name 'Barseventyfour'. The new variety originated from a controlled hybridization in April of 2007 in Aalsmeer, the Netherlands between the female parent, proprietary *Phlox* plant 'PS028' (unpatented), and the male parent, proprietary *Phlox* plant 'PS001' (unpatented).

'Barseventyfour' was first propagated by cuttings in Aalsmeer, The Netherlands in 2007 and has been subsequently asexually propagated. 'Barseventyfour' has been found to retain its distinctive characteristics through successive asexual propagations via vegetative cuttings for at least 5 generations.

Plant Breeder's Rights application for 'Barseventyfour' was filed in Europe on Jun. 23, 2011. 'Barseventyfour' has not been sold or made publicly available more than one year prior to filing of this application.

SUMMARY OF THE INVENTION

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

1. Purple flowers with dark purple centers; and
2. Plant vigor.

DESCRIPTION OF THE PHOTOGRAPHS

This new *Phlox* plant is illustrated by the accompanying photograph which shows the flower blooms and buds of the plant. The colors shown are as true as can be reasonably obtained by conventional photographic procedures. The photograph was taken in Aalsmeer, The Netherlands in February of 2011.

DESCRIPTION OF THE NEW VARIETY

The following detailed description sets forth the distinctive characteristics of 'Barseventyfour'. The data which defines

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these characteristics were collected from asexual reproductions carried out in Aalsmeer, The Netherlands. The plant history was taken on 6 month old plants in April 2011. Color readings were taken under natural light. Color references are primarily to The R.H.S. Colour Chart.

DETAILED BOTANICAL DESCRIPTION

Classification:

- Family*.—Polemoniaceae.
- Botanical name*.—*Phlox subulata*.
- Common name*.—*Phlox*.
- Denomination*.—'Barseventyfour'.

Parentage:

- Female parent*.—'PS028'.
- Male parent*.—'PS001'.

Plant:

- Plant habit*.—Compact, creeping, outwardly spreading and mounded.
- Growth habit*.—Vigorous and freely-branching.
- Form*.—Compact.
- Height (measured from the top of the soil)*.—10.0 cm to 20.0 cm.
- Diameter or area of spread*.—20.0 cm to 30.0 cm.
- Propagation*.—Vegetative cuttings.
- Time to produce a finished flowering plant*.—25 to 30 weeks.
- Lastingness of inflorescence on the plant*.—4 weeks.
- Outdoor plant performance*.—Good.
- Time to initiate and develop roots*.—3 weeks.
- Time to produce rooted cutting or liner (young plant)*.—5 weeks.
- Root description*.—Many tiny roots.

Branches:

- Habit*.—Creeping.
- Number of branches per plant*.—At least 10, quickly dividing into new branches.
- Lateral branches*.—Length: 20.0 cm to 30.0 cm. Diameter: 15.0 mm. Internode length: 2.0 mm. Texture: Smooth. Color: RHS 137A.

Stems:

Shape in cross-section.—Round.

Color.—RHS 199D.

Diameter.—1.0 mm.

Pubescence.—Absent.

Leaves:

Arrangement.—Opposite, sessile.

Color.—Immature leaf (both upper and lower surfaces): RHS 137A. Mature leaf (both upper and lower surfaces): RHS 137A.

Apex.—Acute.

Base.—Truncated.

Margin.—Smooth.

Length.—20.0 mm.

Width.—2.0 mm.

Shape.—Acicular.

Texture (both upper and lower surfaces).—Smooth.

Venation pattern.—Only central vein is visible.

Venation color (both upper and lower surfaces).—RHS 137A.

Peduncle:

Color.—RHS 199D.

Length.—20.0 mm.

Diameter.—0.5 mm to 0.8 mm.

Inflorescence:

Quantity per plant.—Greater than 100.

Inflorescence type.—Cyme.

Blooming habit.—Abundant flowers.

Height.—50.0 mm.

Width.—50.0 mm.

Natural flowering season.—Spring (April to May).

Flower number per inflorescence.—3 to 6.

Flowers:

Diameter.—25.0 mm.

Depth.—12.0 mm.

Flower buds.—Shape: Elliptic. Length: 10.0 mm.

Diameter: 4.0 mm to 5.0 mm. Color: RHS 72A.

Pedice.—Color: RHS 137A. Length: 10.0 mm. Diameter: 0.5 mm. Texture: Smooth.

Sepals.—Number: 5. Shape: Lanceolate. Apex: Acute.

Margin: Obtuse. Texture: Pubescent. Length: 10.0

mm. Width: 3.0 mm. Color (both upper and lower surfaces): RHS 137A.

Corolla.—Length: 12.0 mm. Width: 3.0 mm.

Petals.—Length: 18.0 mm. Width: 10.0 mm. Quantity per flower: 5. Shape: Obcordate. Apex: Obcordate. Margin: Smooth. Texture (both upper and lower surfaces): Smooth. Color: Upper surface, top color: RHS 72A. Upper surface, base color: RHS 78A. Upper surface, at center: RHS 72A. Lower surface: Approximately RHS 72A. Outside of corolla tube: RHS 78A. Fragrance: Absent.

Reproductive organs:

Stamens.—Quantity (per flower): 5. Anther color: RHS 12C. Anther shape: Elliptic. Anther length: 2.0 mm. Pollen color: RHS 12C. Pollen amount: Abundant.

Pistil.—Quantity: 1. Color: RHS 137A. Length: 12.0 mm. Diameter: 2.0 mm. Stigma: Shape: Triangular. Color: White. Style: Length: 8.0 mm. Shape: Three lobes.

Disease and insect resistance: Not observed.

Pest resistance: Not observed.

Fruit and seed set: No fruit or seed set observed.

COMPARISON WITH PARENTAL AND
COMMERCIAL VARIETIES

‘Barseventyfour’ differs from the female parent, proprietary *Phlox* plant ‘PS028’ (unpatented) in that ‘Barseventyfour’ has purple flowers (RHS 78A), whereas ‘PS028’ has lighter purple flowers (RHS 78D).

‘Barseventyfour’ differs from the male parent, proprietary *Phlox* plant ‘PS001’ (unpatented) in that ‘Barseventyfour’ has purple flowers (RHS 78A), whereas ‘PS001’ has lighter purple flowers (RHS 70B).

‘Barseventyfour’ differs from the commercial variety ‘Purple Beauty’ (unpatented) in that ‘Barseventyfour’ has purple flowers (RHS 78A), while ‘Purple Beauty’ has lighter purple flowers (RHS 78D).

I claim:

1. A new and distinct variety of *Phlox* plant named ‘Barseventyfour’ as shown and described herein.

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