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

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(54) **PHLOX PLANT NAMED ‘PHOZ0001’**

(22) Filed: **May 3, 2016**

(50) Latin Name: *Phlox subulata*  
Varietal Denomination: **PHOZ0001**

(51) **Int. Cl.**  
*A01H 5/02* (2006.01)

(71) Applicant: **SYNGENTA PARTICIPATIONS AG,**  
Basel (CH)

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

(72) Inventor: **Henricus Godefridus Wilhelmus**  
**Stemkens,** Enkhuizen (NL)

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

(73) Assignee: **Syngenta Participations AG,** Basel  
(CH)

*Primary Examiner* — Annette Para  
(74) *Attorney, Agent, or Firm* — Dale Skalla

(\*) 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**  
A new *Phlox* plant named ‘PHOZ0001’ particularly distin-  
guished by large flowers, plant vigor, and upright habit.

(21) Appl. No.: **14/999,433**

**1 Drawing Sheet**

**1**

**2**

Latin name of the genus and species of the plant claimed:  
*Phlox subulata*.

Varietal denomination: ‘PHOZ0001’.

**BACKGROUND OF THE NEW PLANT**

The present invention comprises a new and distinct vari-  
ety botanically known as *Phlox subulata*, and hereinafter  
referred to by the variety name ‘PHOZ0001’.

The new variety originated from a controlled hybridiza-  
tion in April of 2010 in Enkhuizen, The Netherlands  
between the female parent, proprietary *Phlox* plant  
‘J7807-1’ (unpatented), and the male parent, proprietary  
*Phlox* plant ‘J7803-1’ (unpatented).

‘PHOZ0001’ was first propagated by cuttings in Enkhui-  
zen, The Netherlands in 2011 and has been subsequently  
asexually propagated. ‘PHOZ0001’ has been found to retain  
its distinctive characteristics through successive asexual  
propagations via vegetative cuttings for more than 5 gen-  
erations.

**BRIEF SUMMARY OF THE INVENTION**

The following are the most outstanding and distinguish-  
ing characteristics of this new variety when grown under  
normal horticultural practices in Enkhuizen, The Nether-  
lands: 1. Large flowers, 2. Plant vigor, and 3. Upright habit.

A Plant Breeder’s Right for ‘PHOZ0001’ has not been  
filed yet. ‘PHOZ0001’ has not been sold or made publicly  
available more than one year prior to filing of this applica-  
tion.

**BRIEF DESCRIPTION OF THE PHOTOGRAPHS**

This new *Phlox* plant is illustrated by the accompanying  
photograph which shows the flower blooms and foliage of  
the plant. The colors shown are as true as can be reasonably  
obtained by conventional photographic procedures. Differ-  
ences in the coloration of the blooms in the photograph are

due to age differences between the flowers. The photograph  
was taken in Enkhuizen, The Netherlands in March of 2016.

**BRIEF DESCRIPTION OF THE NEW VARIETY**

The following detailed description sets forth the distinc-  
tive characteristics of ‘PHOZ0001’. The data which defines  
these characteristics were collected from asexual reproduc-  
tions carried out in Enkhuizen, The Netherlands. The plant  
history was taken on approximately 6 month old plants.  
Color readings were taken under natural light.

Color references are made to The Royal Horticultural  
Society Colour Chart (R.H.S.) 2001.

**TABLE 1**

DIFFERENCES BETWEEN THE NEW VARIETY ‘PHOZ0001’ AND A MOST SIMILAR VARIETY		
	‘PHOZ0001’	‘McDaniels Cusion’ (Unpatented)
Flower color:	Lighter, RHS 78B	Deep rose, RHS 74D
Flower size:	Larger	Smaller
Plant habit:	Upright	Prostrate habit

Plant:

*Plant habit.*—Vigorous, upright and mounded.

*Growth habit.*—Vigorous and freely-branching.

*Form.*—Strong.

*Height (measured from the top of the soil).*—17.0-24.0  
cm.

*Diameter or area of spread.*—23.0-30.0 cm.

*Diameter or area of spread (2-year old plant).*—Ap-  
proximately 60.0 cm.

*Propagation.*—Vegetative cuttings.

*Time to produce a finished flowering plant.*—25 to 30  
weeks.

*Lastingness of inflorescence on the plant.*—4 days.

*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 — Semi-upright.  
*Number of branches per plant.*—At least 25, quickly dividing into new branches.  
*Length of lateral branches.*—23.0-32.0 cm.  
*Diameter of spread of lateral branches.*—20.0 cm.

Stems:  
*Shape in cross-section.*—Oval.  
*Color.*—RHS 199C.  
*Diameter.*—1.8 mm.  
*Pubescence.*—Very short hairs.

Leaves:  
*Arrangement.*—Opposite.  
*Color.*—Immature leaf (both upper and lower surfaces): RHS 137B. Mature leaf (both upper and lower surfaces): RHS 137A.  
*Apex.*—Acute.  
*Base.*—Truncated.  
*Margin.*—Smooth.  
*Length.*—22.0 mm.  
*Width.*—3.5 mm.  
*Shape.*—Acicular.  
*Texture.*—Smooth.  
*Venation.*—One single vein in the middle of the leaf.  
*Petiole.*—Absent.

Peduncle:  
*Color.*—RHS 199C.  
*Length.*—22.0 mm.  
*Diameter.*—0.8-0.9 mm.

Inflorescence:  
*Inflorescence type.*—Cyme.  
*Blooming habit.*—Abundant flowers.  
*Height.*—45.0 mm.  
*Width.*—60.0 mm.  
*Natural flowering season.*—Spring (April to May).  
*Flower number per inflorescence.*—3 to 8.  
*Fragrance.*—Musk fragrance.

Flowers:  
 Flower bud:  
*Length.*—18.0 mm.  
*Width.*—3 mm.  
*Color.*—RHS 137B.

Pedicele:  
*Color.*—RHS 137B.  
*Length.*—16.0 mm.  
*Diameter.*—0.9 mm.

5 Sepals:  
*Number.*—5.  
*Shape.*—Fused.  
*Length.*—12.0 mm.  
*Width.*—3.0 mm.

10 *Color (both upper and lower surfaces).*—RHS 137C.

Corolla:  
*Length.*—17.0 mm.  
*Width.*—5.0 mm.

Petals:  
 15 *Length.*—20.0 mm.  
*Width.*—11.0 mm.  
*Number.*—5.  
*Shape.*—Obovate, fused at base.  
*Color.*—Upper surface (base color): RHS N78D.  
 20 Upper surface (at center): RHS 79D (a very small eye). Outside of corolla tube: RHS N78D.

Reproductive organs:  
 Stamens:  
*Quantity (per flower).*—5.  
 25 *Anther color.*—RHS 12C.  
*Pollen color.*—RHS 12D.

Pistil:  
*Quantity.*—1.  
*Color.*—RHS 137D.  
 30 *Size.*—2.0 mm.

Style:  
*Length.*—9.0 mm.  
*Shape.*—Three lobes.  
*Disease and insect resistance.*—Not observed to date.  
 35 *Pest resistance.*—Not observed to date.

What is claimed is:

1. A new and distinct variety of *Phlox* plant named 'PHOZ0001' substantially as illustrated and described  
 40 herein.

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