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(12) **United States Plant Patent**
van Kleinwee

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(54) **LOBELIA PLANT NAMED 'LOBMOUNLILA'**

(58) **Field of Classification Search** Plt./263
See application file for complete search history.

(50) Latin Name: *Lobelia erinus*
Varietal Denomination: **Lobmounlila**

(56) **References Cited**

(75) Inventor: **Theodorus Cornelis Maria van Kleinwee**, Hoorn (NL)

U.S. PATENT DOCUMENTS

PP12,708 P2 * 6/2002 Westhoff Plt./263
2004/0139519 P1 * 7/2004 Oud Plt./263

(73) Assignee: **Syngenta Seeds B.V.**, Enkhuizen (NL)

OTHER PUBLICATIONS

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 46 days.

UPOV ROM GTITM Computer Database 2006/04 ensures for LOBMOUNLILA.*

* cited by examiner

(21) Appl. No.: **11/435,332**

Primary Examiner—Wendy C. Haas

(22) Filed: **May 16, 2006**

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(65) **Prior Publication Data**

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(57) **ABSTRACT**

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

A new and distinct cultivar of *Lobelia* plant named 'Lobmounlila' characterized by its mounding plant habit, strong branching, large flower size and violet-lilac flower color.

(52) **U.S. Cl.** **Plt./263**

1 Drawing Sheet

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Latin name of the genus and species of the plant claimed: *Lobelia erinus*.
Varietal denomination: 'Lobmounlila'.

defines these characteristics were collected from asexual reproductions carried out in Enkhuizen, Netherlands. The plant history was taken on 20 week old plants.

BACKGROUND OF THE NEW PLANT

The present invention comprises a new and distinct *Lobelia* plant botanically known as *Lobelia erinus* and referred to by the cultivar name 'Lobmounlila.'

5 Color readings were taken in the laboratory under ambient light. Color references are primarily to the R.H.S. Colour Chart of The Royal Horticultural Society of London.

The new cultivar is propagated by cuttings resulting from the cross between 'A903' and 'A909.' 'A903' is a pink flower color selection of our own breeding, having a semi-trailing habit, very strong growth, good branching plant habit and late flowering. 'A909' is a lilac flower color selection of our own breeding, having a strong growth, mounding plant habit and being early flowering. Neither 'A903' or 'A909' has been patented.

As a result of this cross the present cultivar was created from a single plant in 2001 in Enkhuizen, Netherlands and has been repeatedly asexually reproduced by cuttings in Enkhuizen, Netherlands over a five year period. It has been found to retain its distinctive characteristics through successive propagations and this novelty appears to be firmly fixed.

TABLE 1

DIFFERENCES BETWEEN 'LOBMOUNLILA' AND THE MOST RESEMBLING VARIETIES			
Characteristics	'Lobmounlila'	'Wesstar' (U.S. Pat. No. 12,708)	'Ricardii' (not patented)
<u>Plant</u>			
height	20 cm	25 cm	25 cm
width	35 cm	50 cm	50 cm
shape	Mounding	Spreading to upright	Spreading to upright
<u>Flower color</u>			
upper surface	N81A	95B	95B
lower surface	N81A	100A	95B
flower tube	N81A	95C	96D

DESCRIPTION OF THE DRAWING

This new *Lobelia* plant is illustrated by the accompanying photographic drawing which shows blooms, buds and foliage of the plant in full color, the color showing being as true as can be reasonably obtained by conventional photographic procedures.

25 The plant: Classification — Botanical: *Lobelia erinus*.
Female parent.—A seedling named 'A903' is one of our seedlings from our A-generation of plants bred in 1999.

Male parent.—A seedling named 'A909' is one of our seedlings from our A-generation of plants bred in 1999.

Growth habit.—Upright.

Plant height.—20 cm.

Spreading area of plant.—25 cm.

Growth rate.—Strong growth.

DESCRIPTION OF THE NEW CULTIVAR

The following detailed descriptions set forth the distinctive characteristics of this new *Lobelia*. The data which

Strength.—Good.

Branching character.—Freely branching and lateral branching at every node. Pinching will enhance branching. Branches strong and flexible.

Blooming period.—From May until October.

The stem:

Diameter.—1.5 mm.

Texture.—Smooth, slightly pubescent, glossy.

Color.—RHS 1137B, RHS 137C in young leaves.

Length of internode.—10–20 mm, depending on light conditions where the plant is grown, and the age of the stem.

Shape.—Triangular.

The foliage:

Shape.—Leaves simple, generally symmetrical and flat. Broadly ovate with rounded apex, obtuse and attenuate base and crenate margin in young plant; more lanceolate with entire margin in mature plant.

Texture.—Slightly pubescent, glossy.

Length.—25 mm.

Width.—In young plant up to 12 mm, mature plant 5 mm.

Color.—Upper surface: RHS 137B, RHS 137C in young leaves. Lower surface: RHS 137C, RHS 137C in young leaves.

Petiole.—Not present.

The flower:

Type and habit.—Flowers form at apical axils, usually one flower per axil. Flowers labiate, upper lip consisting of two small petals and lower lip consisting of three larger and broader petals.

Lastingness.—10–14 days depending on temperature. Petals are fused at base into a tube. Freely and continuously flowering, around 100–150 flowers. Flowers face outward. Texture, slightly pubescent. Oblong shape with acute apex and entire margin.

Flower.—Width: Upper petals 1 mm, lower petals 5 mm. Length: Upper petals 6 mm, lower petals 8 mm. Depth: 12 mm.

Texture.—Smooth, pubescent.

Buds.—Length: 9 mm. Diameter: 3 mm. Form: Tubular. Color: Light green.

Flower color.—Upper surface: RHS N81A. Lower surface: RHS N81B. Flower tube: RHS N81A.

Sepals.—No. of sepals: 5. Length: 6 mm. Width: 0.5 mm. Texture: Smooth, slightly pubescent. Color: RHS 79A.

Flower stem.—Length: 20–25 mm. Angle: 45 degrees. Strength: Rigid, flexible. Color: RHS 143A.

Flower throat.—Color: Upper N81B. Lower N81C on the three petals of flower, there is a white spot, width 1.5 mm, depth 3 mm. At the base of the lower petals, where the throat starts, there are 2 yellow marking in the throat (length 3 mm, width 1.5 mm). Texture: Whiskered. Depth: 8 mm.

Reproductive organs:

Androecium.—Stamen number: 5. Anther shape: Oblong. Anther length: 2 mm. Anther color: RHS 200A. Amount of pollen: Moderate. Pollen color: RHS 9B.

Gynoecium.—Pistil length: About 8 mm. Stigma shape: Bilobate. Stigma diameter: 1 mm. Stigma color: N80C. Style color: Light green. Ovary color: RHS R137C.

Seed development: Some seed development has been observed on plants of the new *Lobelia*.

Seed:

Color.—Brown.

Shape.—Round.

Size.—Very small, like dust.

Amount per seed pod.—Approximately 2000.

Fruit:

Fruit size.—Diameter: 2 mm. Length: 5 mm.

Fruit color.—RHS 146B.

Disease resistance: No susceptibility or resistance to fungal, bacterial, or viral pathogens has been noted.

What is claimed is:

1. A new and distinct cultivar of *Lobelia* plant named 'Lobmounlila', as substantially illustrated and described herein.

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