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

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(54) **LOBELIA PLANT NAMED ‘LOBZ0016’**

(50) Latin Name: *Lobelia erinus*  
Varietal Denomination: **LOBZ0016**

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patent is extended or adjusted under 35  
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*A01H 6/26* (2018.01)

(52) **U.S. Cl.**  
USPC ..... **Plt./451**  
CPC ..... *A01H 6/26* (2018.05)

(58) **Field of Classification Search**  
USPC ..... **Plt./451**  
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See application file for complete search history.

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(57) **ABSTRACT**

A new *Lobelia* plant named ‘LOBZ0016’ particularly distinguished by its relatively large, violet-rose flowers, dark green foliage, very good branching and a mounding to upright plant habit.

**1 Drawing Sheet**

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Latin name of the genus and species of the plant claimed:  
*Lobelia erinus*.

Varietal denomination: ‘LOBZ0016’.

**BACKGROUND OF THE NEW PLANT**

The present invention comprises a new and distinct cultivar of *Lobelia*, botanically known as *Lobelia erinus* and hereinafter referred to by the cultivar name ‘LOBZ0016’

‘LOBZ0016’ is a product of a planned breeding program. The new cultivar has relatively large, violet-rose flowers, dark green foliage, very good branching and a mounding to upright plant habit.

The seed from which the variety was grown originates from a cross made in the greenhouse in Andijk, The Netherlands in August 2010.

The female parent was an unpatented, proprietary *Lobelia* plant designated ‘LOB03-113-1’, having smaller flowers, an upright plant habit and a light violet-blue flower color and a having not as deep green foliage as ‘LOBZ0016’.

The male parent of ‘LOBZ0016’ was an unpatented, proprietary *Lobelia* plant designated ‘LOB 04-315-2’, having dark blue to violet flower color and a trailing plant habit.

The resulting seeds were sown in May 2011 and ‘LOBZ0016’ was selected as one flowering plant within the progeny of the stated cross in September 2011 in a controlled environment in Andijk, the Netherlands.

The first act of asexual reproduction of ‘LOBZ0016’ was accomplished when vegetative cuttings were propagated from the initial selection in the fall of 2011 in a controlled environment in Andijk, The Netherlands.

**BRIEF SUMMARY OF THE INVENTION**

Horticultural examination of plants grown from cuttings of the plant initiated in the spring of 2012 in Andijk, The Netherlands, and continuing thereafter, has demonstrated that the combination of characteristics as herein disclosed

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for ‘LOBZ0016’ are firmly fixed and are retained through successive generations of asexual reproduction.

‘LOBZ0016’ has not been observed under all possible environmental conditions. The phenotype may vary significantly with variations in environment such as temperature, light intensity and day length.

A Plant Breeder’s Right for this cultivar was applied for in the European Union on Nov. 23, 2018, No. 2018/3051. ‘LOBZ0016’ has not been made publicly available prior to the effective filing date of this application, notwithstanding any disclosure that may have been made less than one year prior to the effective filing date of this application by the inventor or another who obtained ‘LOBZ0016’ directly from the inventor.

The following traits have been repeatedly observed and are determined to be basic characteristics of the new variety. The combination of these characteristics distinguishes this *Lobelia* as a new and distinct variety.

**DESCRIPTION OF THE PHOTOGRAPHS**

The accompanying photographic drawings shows typical flower and foliage characteristics of ‘LOBZ0016’ with colors being as true as possible with an illustration of this type. The drawings show in FIG. 1 a flowering potted plant of the new variety and in FIG. 2 a close-up of its flowers.

**DETAILED BOTANICAL DESCRIPTION**

The aforementioned photographs were taken in April 2018 from plants grown in an outdoor trial in Andijk, The Netherlands. These plants were grown in containers and were approximately 11 weeks of age. The close-up photograph was taken at the same time.

The measurements were taken in Andijk, The Netherlands in September 2018 on 17 week old plants that were grown outside in containers. Culture of these plants had started in week 21, 2018 with planting of rooted, non-pinched cuttings.



Color chart used: The Royal Horticultural Society Colour Chart (R.H.S.), 2001.

DIFFERENCES BETWEEN THE NEW VARIETY  
'LOBZ0016' AND A MOST SIMILAR VARIETY

	'LOBZ0016'	'LOBZ0006' (U.S. Plant Pat. No. 28,195)
Markings on petal:	Small to medium	Small
Flower color:	Darker purple/violet	Light purple/violet
Anthocyanin in stem:	A bit anthocyanin	Rather strong anthocyanin

Plant:

*Growth and habit.*—Rather vigorous; dense and freely branched with short internodes, mounding to upright plant habit.

*Height.*—About 10 cm.

*Height (inflorescence included).*—22 cm.

*Width.*—42 cm.

*Branching characteristics.*—8 main stems, each with 4 to 5 secondary branches.

*Crop time to flowering, resp.*—Time to produce a finished flowering plant: About 12 weeks for a 12 cm pot.

*Garden performance.*—Used as patio planters, in mixed container plantings, or in garden beds.

*Time to initiate and develop roots.*—14-20 days at 22° C.

*Root description.*—Fibrous and freely branching.

Stem:

*Characteristics.*—With slightly strengthened, protruding edges, side branches are developed at almost every node.

*Stem length.*—Between 10-20 cm.

*Diameter.*—0.2-0.4 cm.

*Internode length.*—1.5-4.0 cm.

*Color.*—RHS 138A when young to RHS 147A when older.

*Texture.*—Very little pubescent.

Foliage:

*Arrangement.*—Alternate.

*Shape.*—Elliptic to obovate, ensiform leaves at end of mature stem.

*Apex.*—Rounded.

*Base.*—Altenuate.

*Margin.*—Entire to slightly incised.

*Leaf length.*—2.0-3.5 cm.

*Leaf width.*—0.4-1.0 cm.

*Immature leaf, color upper surface.*—RHS 137A.

*Immature leaf, color lower surface.*—RHS 137C.

*Mature color upper surface.*—RHS 147A.

*Mature color lower surface.*—RHS 137C.

*Venation type.*—Pinnate.

*Venation color, upper surface.*—RHS 137C.

*Venation color, lower surface.*—RHS 137C.

*Texture.*—Short hairs on both surfaces.

*Petiole.*—No petiole, leaves are sessile.

Inflorescence:

*Type of inflorescence.*—Raceme, composed of single flowers in an alternate arrangement with one flower per node, subtended by a small leaflet.

*Blooming habit.*—Continuous through the growing season from spring to the fall.

*Quantity of inflorescences per plant.*—About 200.

*Quantity of flowers per inflorescence.*—Up to 17 open flowers, and additional buds.

*Lastingness of individual blooms on the plant.*—3-6 days, depending on temperature.

*Fragrance.*—None.

*Inflorescence length.*—About 5 cm.

Peduncle:

*Color.*—RHS 147A.

*Length.*—Up to 15 cm.

*Diameter.*—0.3 cm.

*Texture.*—Smooth, only occasionally a small hair.

Pedicels:

*Color.*—RHS 147A.

*Length.*—1.5-2.2 cm.

*Diameter.*—0.1 cm.

*Texture.*—Smooth, only occasionally a small hair.

Flower:

*Corolla type and shape.*—Single, zygomorphic; upper lip is formed by two small petals, lower lip has three larger petals; petals are fused at the base forming a relatively long funnel-shaped tube.

Immature flower:

*Main color upper surface.*—RHS 81A, darker than RHS 81A at base.

*Main color lower surface.*—RHS 81B to RHS 81C.

*Immature flower, width.*—1.0 cm.

Mature flower:

*Flower, (horizontal) length.*—1.8 cm.

*Flower, (horizontal) width.*—2.0 cm.

*Flower, vertical length (depth).*—1.4 cm.

*Color upper lip, upper surface.*—RHS 81A.

*Color upper lip, lower surface.*—RHS 81B to RHS 81C.

*Upper petal lobes, length (from the tube opening).*—0.8 cm.

*Upper petal lobes, width.*—0.3 cm.

*Color lower lip, upper surface.*—RHS 81A, darker than RHS 81A at base.

*Color lower lip, lower surface.*—RHS 81B.

*Nectaries at base of lower petals.*—RHS 2A.

*Lower petal lobes, length (from the corolla opening).*—1.2 cm.

*Lower petal lobes, width.*—0.8 cm.

*Tube, color (outside).*—RHS 81A with longitudinal stripes RHS 155A.

*Tube length.*—0.9-1 cm.

*Tube width.*—0.3 cm.

Petal (lobes):

*Shape.*—Obovate.

*Apex.*—Mucronulate.

*Base.*—Fused.

*Margin.*—Entire.

*Texture upper surface.*—Short pubescent.

*Texture lower surface.*—Short hair, mainly along the mid vein.

Flower bud:

*Shape.*—Gibbous.

*Length.*—Up to 1.2 cm.

*Diameter.*—0.4-0.5 cm.

*Color (at tight bud).*—RHS 87B, abaxial side RHS 138C.

Calyx:

*Shape.*—5 sepals in a whorl, slanting outwards, bases fused.

*Sepal color*.—RHS 187A, very dark.  
*Sepal length*.—0.9 cm.  
*Width*.—0.1 cm.  
*Shape*.—Ligulate.  
*Apex*.—Acute.  
*Base*.—Fused.  
*Texture*.—Smooth.  
Reproductive organs:  
Stamens:  
    *Quantity*.—5.  
    *Filament, color*.—RHS N81A.  
    *Filament length*.—0.6 cm.  
    *Filament, diameter*.—0.1 cm.  
    *Anther color*.—RHS 188A.  
    *Anther length*.—0.2 cm.  
    *Pollen amount*.—Abundant.  
    *Pollen color*.—RHS 3D.

Pistil:  
    *Quantity per flower*.—1.  
    *Length*.—0.8 cm.  
    *Stigma color*.—RHS 166A.  
5     *Stigma length*.—0.2 cm.  
    *Style color*.—RHS 144D at base, RHS 74D at top.  
    *Style length*.—0.6 cm.  
Fruit and seed set: Yes, some seed development observed in  
the trial fields.  
10 Disease and insect resistance: Resistance and susceptibility  
typical for the species, no special observations made.  
  
What is claimed is:  
    1. A new and distinct cultivar of *Lobelia* plant named  
15 ‘LOBZ0016’ substantially as illustrated and described  
herein.

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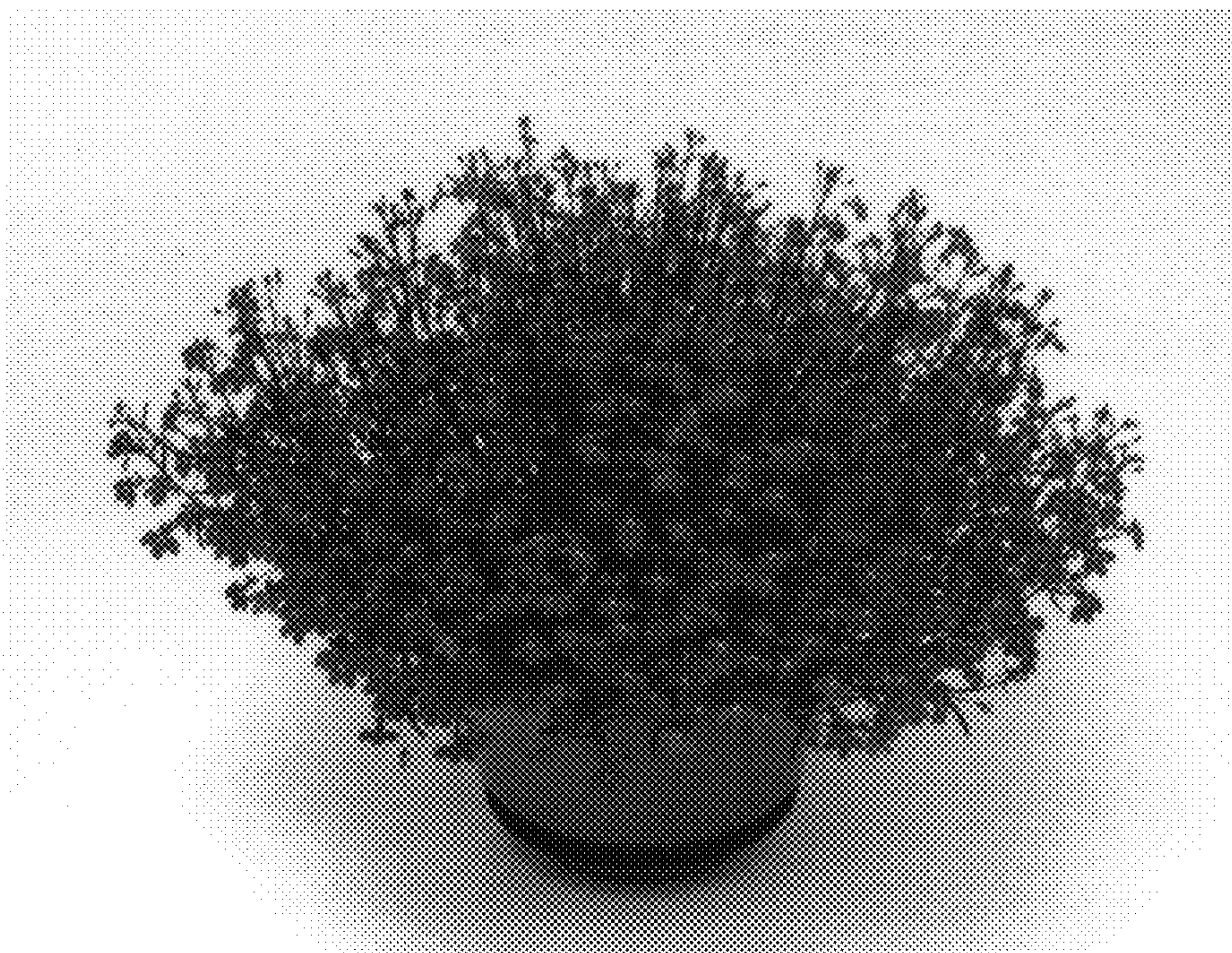


FIG. 1



FIG. 2