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**Klemm et al.**

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(54) **LOBELIA PLANT NAMED ‘KLELE11769’**

(50) Latin Name: *Lobelia erinus*  
Varietal Denomination: **KLELE11769**

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(57) **ABSTRACT**

A new *lobelia* plant named ‘KLELE11769’ particularly distinguished by its flat vigorous growing habit, white flowers, and strong dark green foliage, is disclosed.

**1 Drawing Sheet**

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Genus and species: *Lobelia erinus*.  
Variety denomination: ‘KLELE11769’.

**BACKGROUND OF THE NEW PLANT**

The present invention comprises a new and distinct variety of *lobelia*, botanically known as *Lobelia erinus*, and herein-after referred to by the variety name ‘KLELE11769’. The new variety resulted from a controlled cross conducted in June 2006 in Stuttgart, Germany, between female parent *lobelia* plant named ‘LE 06 0159’, (unpatented) and male parent *lobelia* plant named ‘LE 08 0114’ (unpatented). A single plant selection was subsequently chosen for further evaluation and asexual propagation.

The new variety was first propagated via vegetative cuttings and in vitro propagation in May 2007 in Stuttgart, Germany, and has been asexually reproduced repeatedly by vegetative cuttings for 10 generations. ‘KLELE11769’ has been found to retain its distinctive characteristics through successive asexual propagations via vegetative cuttings.

Plant Breeder’s Rights for this variety were applied for in Canada on Mar. 4, 2011. ‘KLELE11769’ has not been 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 cultivar when grown under normal horticultural practices in a glass greenhouse in Stuttgart, Germany.

1. Flat vigorous growth;
2. White flowers; and
3. Strong, dark green foliage.

**DESCRIPTION OF PHOTOGRAPH**

This new *lobelia* plant is illustrated by the accompanying photograph which shows overall plant habit including blooms, buds, and foliage of the plant in full color. The colors shown are as true as can be reasonably obtained by conven-

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tional photographic procedures. The photograph was taken in Spring of 2011 of a 3-month old *lobelia* plant grown in a 10 centimeter pot in a glass greenhouse in Stuttgart, Germany under normal horticultural practices.

**DESCRIPTION OF THE NEW VARIETY**

The following detailed descriptions set forth the distinctive characteristics of ‘KLELE11769’. The data which define these characteristics were collected from asexual reproductions carried out in Stuttgart, Germany. The plant history was taken in the Spring of 2011 of 3-month old plants grown in 10 centimeter pots in a glass greenhouse with a minimum pinch date of eight weeks. Color readings were taken under natural light. Color references are primarily to The R.H.S. Colour Chart of The Royal Horticultural Society of London (R.H.S.), Fifth Edition (2007).

**DETAILED BOTANICAL DESCRIPTION OF THE  
NEW PLANT**

**Classification:**

*Botanical.*—*Lobelia erinus*.  
*Common name.*—*Lobelia*.  
*Designation.*—‘KLELE11769’.

**Parentage:**

*Female parent.*—*Lobelia* plant named ‘LE 06 0159’ (unpatented).  
*Male parent.*—*Lobelia* plant named ‘LE 08 0114’ (unpatented).

**Growth:**

*Growth and branching habit.*—Half-hanging.  
*Form.*—Rounded to flat.  
*Height (measured from the top of the soil, including any flowers).*—6.0 cm.  
*Width (horizontal plant diameter, including any flowers).*—18.0 cm to 20.0 cm.  
*Time to produce a finished flowering plant.*—10 weeks.  
*Outdoor plant performance.*—Very good.  
*Time to initiate roots.*—3 weeks.



*Root description.*—Fine, white roots, freely branching and dense.

Leaves:

*Arrangement.*—Alternate.

*Color (immature and mature leaves).*—Upper surface: 5  
RHS N137C. Lower surface: RHS 138B.

*Basal.*—Length: 2.0 cm to 3.0 cm. Width: 0.7 cm to 0.8  
cm. Shape: Elliptical to rounded. Margin: Serrate.  
Apex: Obtuse. Base: Acute. Texture (both surfaces):  
Smooth. Venation: Pinnate. Venation color: Upper 10  
surface: RHS 142B. Lower surface: RHS N137C.

*Upper.*—Length: 0.5 cm to 1.0 cm. Width: 0.3 cm to 0.7  
cm. Shape: Elliptical. Margin: Serrate. Apex: Obtuse.  
Base: Acute. Texture (both surfaces): Smooth. Vena-  
tion: Pinnate. Venation color: Upper surface: RHS 15  
142B. Lower surface: RHS N137C.

Stems:

*Length.*—Approximately 12.0 cm to 13.0 cm.

*Diameter.*—0.2 cm to 0.3 cm.

*Internode length.*—1.5 cm to 1.8 cm. 20

*Color.*—RHS 137B.

*Texture.*—Smooth.

*Stem anthocyanin.*—Absent.

*Peduncle.*—Color: RHS 143A. Length: Approximately 25  
2.0 cm. Diameter: 0.1 cm. Texture: Smooth.

*Pedicel.*—Length: 1.5 cm to 2.0 cm. Diameter: 0.08 cm.  
Color: RHS 143A.

Flower buds:

*Color (when first opening).*—Yellow at the top; greenish  
white at the bottom. 30

*Shape.*—Inverse drop.

*Diameter.*—0.4 cm.

*Length.*—0.8 cm.

Inflorescence:

*Blooming habit.*—Continuous. 35

*Natural flowering season.*—Early spring until mid-sum-  
mer.

*Lastingness of individual blooms on plant.*—Approximately 1 week.

*Fragrance.*—Absent. 40

*Inflorescence type.*—Raceme.

*Quantity of flowers and buds per flowering branch.*—10  
to 15.

*Inflorescence height.*—10.0 cm to 20.0 cm.

*Inflorescence diameter.*—4.0 cm. 45

*Note.*—Inflorescence represents approximately  $\frac{3}{4}$  of  
each branch.

Flowers:

*Arrangement.*—5 lobes; 3 lower and 2 upper.

*Flower diameter (horizontal).*—Approximately 2.0 cm. 50

*Flower height (vertical).*—Approximately 1.0 cm.

*Immature flower.*—Upper lobes color: Upper surface:  
More white than RHS NN155D. Lower surface: More  
white than RHS NN155D. Lower lobes color: Upper

surface: More white than RHS NN155D. Lower sur-  
face: More white than RHS NN155D.

*Mature flower.*—Upper lobes: Color: Upper surface:  
More white than RHS NN155D. Lower surface: More  
white than RHS NN155D. Length: Approximately  
1.2 cm. Width: Approximately 0.7 cm. Shape: Obo-  
vate. Apex: Obtuse. Margin: Entire. Texture (both  
surfaces): Smooth. Lower lobes: Color: Upper sur-  
face: RHS NN155D. Lower surface: RHS NN155D.  
Length: Approximately 0.4 cm. Width: Approxi-  
mately 0.2 cm. Shape: Obovate. Apex: Obtuse. Mar-  
gin: Entire. Texture (both surfaces): Smooth.

*Corolla.*—Color inside: RHS NN155D with two yellow  
elongated spots (RHS 2B). Color outside: RHS  
NN155D. Tube length: 0.9 cm. Diameter: 0.2 cm at  
the top.

*Calyx.*—Sepals: 5. Sepal margin: Entire. Color (both  
surfaces): RHS 143A. Length: Approximately 0.6  
cm. Diameter: Approximately 0.1 cm. Shape: Funnel,  
star-shaped with fused sepals in lower half. Apex:  
Acute. Texture (both surfaces): Smooth.

Reproductive organs:

*Androecium.*—Quantity of anthers: 5. Anther length:  
0.25 cm to 0.30 cm. Anther width: 0.1 cm to 0.12 cm.  
Anther color: RHS 164C. Filament length: Approxi-  
mately 0.5 cm. Filament color: White (RHS N155D).  
Pollen amount: Sparse. Pollen color: RHS 164C.

*Gynoecium.*—Pistil number: 1. Pistil length: Approxi-  
mately 0.4 cm. Stigma shape: Reniform. Stigma  
color: Bluish grey (RHS N187D). Style length:  
Approximately 0.3 cm. Style color: RHS NN155D.

Fruit and seed set: None observed.

Disease and insect resistance: None tested.

### COMPARISON WITH PARENTAL AND COMMERCIAL VARIETIES

‘KLELE11769’ differs from the female parent, ‘LE 06  
0129’, (unpatented) in that ‘KLELE11769’ has very good  
branching with a stable habit, whereas ‘LE 06 0129’ has  
moderate branching and a loose habit.

‘KLELE11769’ differs from the male parent, ‘LE 08  
0114’, (unpatented) in that ‘KLELE11769’ has strong  
branches and bigger flowers, whereas ‘LE 08 0114’ has soft  
branches and smaller flowers.

‘KLELE11769’ differs from the commercial variety  
‘KLELE06115’ (U.S. Plant Pat. No. 19,693) in that  
‘KLELE11769’ has flat growth and a medium early flowering  
date, whereas ‘KLELE06115’ has mounding to semi-trailing  
growth and very late flowering.

We claim:

1. A new and distinct *lobelia* plant named ‘KLELE11769’  
as shown and described herein.

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