

(12) **United States Plant Patent**
Klemm et al.

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(54) **NEMESIA PLANT NAMED ‘KLENH10726’**

(50) Latin Name: *Nemesia hybrida*
Varietal Denomination: **KLENH10726**

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patent is extended or adjusted under 35
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(58) **Field of Classification Search** Plt./458
See application file for complete search history.

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(57) **ABSTRACT**

A new variety of *Nemesia* named ‘KLENH10726’ particu-
larly characterized by large, violet-colored flowers, good
flower performance, and good branching, is disclosed.

1 Drawing Sheet

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Genus and species: *Nemesia hybrida*.
Variety denomination: ‘KLENH10726’.

BACKGROUND OF THE NEW PLANT

The present invention comprises a new and distinct variety
of *Nemesia*, botanically known as *Nemesia hybrida*, and here-
inafter referred to by the variety name ‘KLENH10726’. This
new *Nemesia* variety was discovered in June 2005 in Stut-
tgart, Germany and originated from an open pollination
between the proprietary female parent ‘SB1’ and an unknown
male parent. A single plant selection was subsequently cho-
sen for further evaluation and asexual propagation.

The new variety was first propagated via vegetative cut-
tings and in-vitro propagation in May 2006 in Stuttgart, Ger-
many and has been asexually reproduced repeatedly by veg-
etative cuttings in Stuttgart, Germany for over five
generations. ‘KLENH10726’ has been found to retain its
distinctive characteristics through successive asexual propa-
gations.

Plant Breeder’s Rights for this variety were applied for in
Canada on Mar. 30, 2010. ‘KLENH10726’ 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 variety when grown under normal
horticultural practices in a greenhouse in hanging baskets.

1. Large, violet-colored flowers;
2. Good flower performance; and
3. Good branching.

DESCRIPTION OF THE PHOTOGRAPH

This new *Nemesia* plant is illustrated by the accompanying
photograph which shows inflorescences and foliage of the
plant. The colors shown are as true as can be reasonably
obtained by conventional photographic procedures. The pho-
tograph was taken in Summer 2010 of a plant about 27 weeks

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old and grown from rooted cuttings in 15 centimeter pots in a
greenhouse in hanging baskets under normal horticultural
practices.

DESCRIPTION OF THE NEW VARIETY

The following detailed descriptions set forth the distinctive
characteristics of ‘KLENH10726’. The data which define
these characteristics were collected from asexual reproduc-
tions carried out in Stuttgart, Germany. The plant history was
taken in the Summer of 2010 on 27-week old plants in 15
centimeter pots in a greenhouse in hanging baskets. The
plants were pinched once at 10 weeks. The color readings
were determined under natural light. Color references are
primarily to The R.H.S. Colour Chart of The Royal Horticul-
tural Society of London (R.H.S.), Fifth Edition (2007).

DESCRIPTION OF THE NEW PLANT

Classification:

Family.—Scrophulariaceae.

Genus and species.—*Nemesia hybrida*.

Common name.—*Nemesia*.

Parentage:

Female parent.—The proprietary female *Nemesia* plant
‘SB1’.

Male parent.—The proprietary male plant is unknown
due to an open pollination.

Plant:

Habit or form.—Upright.

Vigor.—Medium.

*Height (measured from the top of the soil, including any
flowers)*.—43.0 cm.

*Spread/width (horizontal plant diameter, including any
flowers)*.—52.0 cm.

Life cycle.—Annual.

Time to produce a rooted cutting.—4 weeks.

Time to produce a finished flowering plant.—6 weeks
after potting.

Flowering season.—Spring.

Root description.—White, fleshy.

Branches:

Type.—Basal.
Quantity per plant.—20.
Length.—33.0 cm.
Diameter.—0.5 cm.
Internode length.—2.3 cm.
Strength of branches.—Strong.
Color.—RHS 143C.
Texture.—Smooth.
Stem anthocyanin.—Absent.
Branch pubescence.—Absent.

Leaves:

Arrangement.—Opposite.
Shape.—Oval.
Apex.—Obtuse.
Base.—Obtuse.
Margin.—Serrate.
Length.—3.2 cm.
Width.—1.3 cm.
Color.—Upper surface: RHS 147A. Lower surface: RHS 147C.
Variation.—Absent.
Fragrance.—Absent.
Surface texture (both surfaces).—Smooth.
Pubescence.—Absent.
Venation pattern.—Pinnate at first impression, parallel.
Venation color.—Upper surface: RHS 147A. Lower surface: RHS 147C.
Petioles.—Length: 0.3 cm. Diameter: 0.2 cm. Color: RHS 147A fading RHS 145B. Texture: Smooth.

Flower bud:

Quantity per inflorescence.—3.
Shape.—Oval.
Surface texture.—Smooth.
Length.—0.6 cm.
Diameter.—0.4 cm.
Color.—RHS 77A with RHS 158B segments depending on bud stage.

Inflorescence:

Quantity of flowers per inflorescence.—4 to 6 flowering together, up to more than 25 as whole.
Inflorescence length.—10.0 cm.
Inflorescence diameter.—0.2 cm.
Flower diameter.—2.2 cm.
Flower depth (including nectar spur).—1.3 cm.
Nectar spur length.—0.4 cm.
Fragrance.—Present.
Self-cleaning or persistent.—Self-cleaning.
Lastingness of inflorescence.—3 weeks.

Petals:

Quantity per flower.—5.
Length.—Upper lip: 1.0 cm. Lower lip: 1.3 cm.
Width.—Upper lip: 2.2 cm. Lower lip: 1.7 cm.
Arrangement and shape.—Solitary, zygomorphic and bilabiate with nectar spur arranged racemes.
Apex.—Obtuse.
Margin.—Entire.

Color (mature).—Both upper lip and lower lip (both upper and lower surfaces): RHS 83A fading to RHS 83C.

Nectar spur color.—RHS 93C with RHS 158B segments.

Nectar guide color.—RHS 5B placed on a white ground RHS 155D with RHS 93C segments.

Spur length.—0.5 cm.

Spur diameter at the base.—0.3 cm.

Spur diameter at the tip.—0.1 cm.

Spur texture.—Smooth.

Calyx:

Shape.—Star-shaped.

Sepals.—Quantity: 5. Shape: Sepal fused at base. Apex: Cuspidate. Base: Obtuse. Margin: Entire. Color: Upper surface: RHS 147A. Lower surface: RHS 147C. Length: 0.5 cm. Diameter: 0.2 cm. Surface texture (both surfaces): Hairy but smooth.

Pedicel:

Length.—1.8 cm.

Diameter.—0.1 cm.

Color.—RHS 146B.

Surface texture.—Hairy but smooth.

Peduncle:

Length.—3.4 cm.

Diameter.—0.2 cm.

Color.—RHS 146B.

Surface texture.—Smooth.

Reproductive organs:

Stamens.—Number per flower: 4 wrapped around pistil. Length: 0.3 cm. Filament color: RHS 157D. Filament length: 0.3 cm. Filament diameter: 0.05 cm. Anther color: RHS 7B. Anther length: 0.05 cm. Pollen amount: Moderate. Pollen color: RHS 7B.

Pistil.—Pistil number: 1. Pistil length: 0.1 cm. Stigma color: RHS 145D. Stigma length: 0.05 cm. Style length: 0.05 cm. Style color: RHS 145D.

Ovary.—Shape: Oval. Color: RHS 145B.

Fruit and seed set: None observed.

Disease and insect resistance: Normal.

COMPARISON WITH PARENTAL AND
COMMERCIAL VARIETIES

‘KLENH10726’ differs from the proprietary female *Nemesia* plant ‘SB1’ in that ‘KLENH10726’ has violet flowers and good branching, while ‘SB1’ has purple-pink flowers and medium branching.

‘KLENH10726’ differs from the commercial cultivar ‘KLENE04146’ (U.S. Plant Pat. No. 18,360) in that ‘KLENH10726’ is a tall plant with large flowers, while ‘KLENE04146’ is a shorter plant with small flowers. In addition, ‘KLENH10726’ has a poor seed set, while ‘KLENE04146’ has a high seed set.

We claim:

1. A new and distinct variety of *Nemesia* plant named ‘KLENH10726’ as shown and described herein.

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