



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

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(54) **HELIOTROPIMUM PLANT NAMED**  
**'KLEHA07520'**

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

(50) Latin Name: *Heliotropium arborescens*  
Varietal Denomination: **KLEHA07520**

(52) **U.S. Cl.** ..... **Plt./438**

(58) **Field of Classification Search** ..... **Plt./438**  
See application file for complete search history.

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(\*) 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 cultivar of *Heliotropium* particularly characterized by  
purple-blue flowers, a medium/compact growth habit and  
flowers with a vanilla-hyacinth-like fragrance, is disclosed.

(21) Appl. No.: **12/079,192**

(22) Filed: **Mar. 25, 2008**

**1 Drawing Sheet**

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Genus and species: *Heliotropium arborescens*.  
Variety denomination: 'KLEHA07520'.

### BACKGROUND OF THE NEW PLANT

The present invention comprises a new and distinct culti-  
var of *Heliotropium*, botanically known as *Heliotropium*  
*arborescens*, and hereinafter referred to by the cultivar name  
'KLEHA07520'. 'KLEHA07520' was discovered as a seed-  
ling resulting from a cross in summer 2003 in Stuttgart,  
Germany between the proprietary female *Heliotropium*  
parent, 'V 018' (unpatented) and the male parent, an  
unnamed typical individual plant of *Heliotropium*  
(unpatented). A single plant selection was subsequently cho-  
sen for further evaluation and for asexual propagation.

The new cultivar was created in 2003 in Stuttgart, Ger-  
many and has been asexually reproduced repeatedly by veg-  
etative cuttings in Stuttgart, Germany over a three and one-  
half-year period. 'KLEHA07520' has been found to retain  
its distinctive characteristics through successive asexual  
propagations.

Plant Breeder's Rights for this cultivar were applied for in  
Canada on Apr. 11, 2007. 'KLEHA07520' has not been  
made publicly available more than one year prior to the filing  
date of this application.

### SUMMARY OF THE INVENTION

The following are the most outstanding and distinguishing  
characteristics of this new cultivar when grown under nor-  
mal commercial practices in a greenhouse in Stuttgart, Ger-  
many.

1. Purple-blue flowers;
2. A medium/compact growth habit; and
3. Flowers with a vanilla-hyacinth-like fragrance.

### DESCRIPTION OF THE PHOTOGRAPHS

This new *Heliotropium* plant is illustrated by the accom-  
panying photographs which show blooms, buds, and foliage  
of the plant; the colors shown are as true as can be reason-  
ably obtained by conventional photographic procedures. The  
photographs are of plants about 4-months old and grown

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from rooted cuttings in a 12-cm pot under greenhouse  
(glasshouse) in Stuttgart, Germany under conditions which  
approximate those generally used in commercial practice.

FIG. 1 shows the whole plant habit, including blooms,  
buds and foliage.

FIG. 2 shows a close-up of the mature flowers.

### DESCRIPTION OF THE NEW CULTIVAR

The following detailed descriptions set forth the distinc-  
tive characteristics of 'KLEHA07520'. The data which  
define these characteristics were collected from asexual  
reproductions carried out in Stuttgart, Germany. The plant  
history was taken on 3-month old plants in 12-cm pots that  
were pinched once approximately 6 days after planting and  
grown in a greenhouse in February through April. The color  
readings were determined under natural light. Color refer-  
ences are to the R.H.S. Colour Chart of The Royal Horticul-  
tural Society of London (R.H.S.) (2001).

### DESCRIPTION OF THE NEW PLANT

#### Classification:

*Family*.—Boraginaceae.

*Genus and species*.—*Heliotropium arborescens*.

*Common*.—Heliotrope.

#### Parentage:

*Female parent*.—The proprietary *Heliotropium* plant  
'V 018' (unpatented).

*Male parent*.—An unnamed typical individual plant of  
*Heliotropium* (unpatented).

#### Plant:

*Form*.—Rounded, bushy.

*Growth habit*.—Upright.

*Height from soil level to top of plant plane*.—30.0 cm.

*Diameter (area of spread)*.—28.0 cm.

*Time to initiate roots*.—6 to 8 days.

*Time to produce a rooted cutting*.—16 to 18 days.

*Root description and habit*.—Dense, freely branching,  
white, medium-thickness and fibrous texture.

*Time to produce a finished plant*.—About 70 days.

#### Branches:

*Type*.—Lateral flowering branches.

*Quantity per plant.*—4 to 5.

*Length.*—About 15.0 cm.

*Diameter.*—12.0 cm.

*Internode length.*—4.0 cm.

*Texture.*—Rough.

*Color.*—RHS 137A.

Leaves:

*Arrangement and type.*—Alternate.

*Quantity per branch.*—10.

*Shape.*—Elliptical.

*Apex.*—Rounded.

*Base.*—Attenuate.

*Margin.*—Entire.

*Venation pattern.*—Pinnate.

*Venation color.*—RHS 137D.

*Length.*—2.0 cm to 3.0 cm.

*Width.*—0.8 cm to 1.5 cm.

*Texture (both for the upper and lower surfaces).*—Rough.

*Color.*—Upper surface (both immature and mature): RHS 137A. Lower surface (both immature and mature): RHS 137C.

*Petiole.*—Length: 0.5 cm to 2.0 cm. Diameter: 0.1 cm to 0.15 cm. Texture: Rough. Color RHS 137C.

Bud:

*Shape/size.*—Elliptical, small.

*Apex.*—Acute.

*Length.*—0.3 cm.

*Diameter.*—0.1 cm.

*Color.*—RHS 137C.

Inflorescence:

*Type.*—Terminal compound cymes.

*Height.*—1.5 cm to 5.0 cm.

*Width.*—3.0 cm to 12.0 cm.

*Quantity of open flowers per inflorescence.*—5 to 50.

*Fragrance.*—Vanilla-hyacinth-like.

*Lastingness of inflorescence on the plant.*—About 10 days.

*Flowering season.*—Spring to fall.

*Peduncle.*—Strength: Medium. Aspect: Inward-curved.

Length: Variable. Diameter: 0.1 cm to 0.2 cm. Texture: Rough. Color: RHS 137D.

Flowers:

*Type.*—Funnelform.

*Length.*—0.4 cm to 0.5 cm.

*Petals.*—Quantity: 5 per flower. Apex: Rounded. Base: Attenuate. Margin: Entire. Texture (for both surfaces): Smooth. Color, when first open, for both upper and lower surfaces: RHS 92C. Color, when fully open, for both upper and lower surfaces: RHS 92C.

*Corolla tube.*—Present but too small to take any quantitative measurements and colors.

*Calyx.*—Diameter: 0.1 cm.

*Sepals.*—Quantity: 5. Shape: Ovate. Length: 0.4 cm. Width: 0.1 cm. Apex: Acute. Margin: Entire. Texture (of both surfaces): Smooth. Color (of both surfaces): RHS 137C.

Reproductive organs: Unable to determine reproductive organs due to small size.

Fruit and seed set: None observed.

Disease and insect resistance: Not observed.

#### COMPARISON WITH PARENTAL AND COMMERCIAL CULTIVARS

‘KLEHA07520’ differs from the female parent, the proprietary *Heliotropium* ‘V 018’ (unpatented) in that ‘KLEHA07520’ has purple-blue flowers, medium to dark-green leaves and a medium/compact growth habit, while ‘V 018’ has lavender-blue flowers, medium green leaves and a medium/strong growth habit.

‘KLEHA07520’ differs from the commercial comparison variety ‘Marino Compact’ (unpatented) in that ‘KLEHA07520’ has purple-blue flowers, a medium/compact growth habit and medium to dark-green leaves, while ‘Marino Compact’ has dark lavender-blue flowers, a compact growth habit and green leaves.

I claim:

1. A new and distinct cultivar of *Heliotropium* plant as shown and described herein.

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FIG. 1



FIG. 2