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**Klemm et al.**

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(54) **DAHLIA PLANT NAMED ‘KLEDH13037’**

(50) Latin Name: ***Dahlia* sp.**

Varietal Denomination: **KLEDH13037**

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patent is extended or adjusted under 35  
U.S.C. 154(b) by 115 days.

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(65) **Prior Publication Data**

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(51) **Int. Cl.**

**A01H 5/00** (2006.01)

(52) **U.S. Cl.**

USPC ..... **Plt./321**

(58) **Field of Classification Search**

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See application file for complete search history.

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(57) **ABSTRACT**

A new *Dahlia* plant particularly distinguished by a dark-red  
flower color, a compact, and semi-upright habit and good  
basal branching, is disclosed.

**2 Drawing Sheets**

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Genus and species: *Dahlia* sp.

Variety denomination: ‘KLEDH13037’.

**BACKGROUND OF THE NEW PLANT**

The present invention comprises a new and distinct variety  
of *Dahlia*, botanically known as *Dahlia* sp., and hereinafter  
referred to by the variety name ‘KLEDH13037’.  
‘KLEDH13037’ originated from an open-pollination con-  
ducted in Summer 2009 in Stuttgart, Germany between the  
proprietary female *Dahlia* variety ‘DH-2009-0559’ (unpat-  
ented) and an unknown male *Dahlia* variety (unpatented).

The seeds from the open-pollination were sown and plants  
were grown in a greenhouse for evaluation, where an indi-  
vidual plant designated ‘KLEDH13037’ was selected from  
the group in May 2010 of plants in Stuttgart, Germany. In  
May 2010, ‘KLEDH13037’ was first vegetatively propagated  
by unrooted cuttings. ‘KLEDH13037’ was found to repro-  
duce true to type in successive generations of asexual propa-  
gation via unrooted cuttings.

**SUMMARY**

The following are the most outstanding and distinguishing  
characteristics of this new variety when grown under normal  
horticultural practices in Stuttgart, Germany.

1. Dark-red flower color;
2. A compact, and semi-upright habit and
3. Good basal branching.

**DESCRIPTION OF THE PHOTOGRAPHS**

This new *Dahlia* plant is illustrated by the accompanying  
photographs of the variety grown in a glass greenhouse in  
Stuttgart, Germany and taken in March 2014. The colors

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shown are as true as can be reasonably obtained by conven-  
tional photographic procedures.

FIG. 1 shows the foliage, habit, and flowers of a 3-month  
old plant grown in a pot.

FIG. 2 shows a close-up of the ray florets and disc florets of  
a mature flower of a plant about 5-months old.

**DESCRIPTION OF THE NEW VARIETY**

The following detailed descriptions set forth the distinctive  
characteristics of ‘KLEDH13037’. The data which define  
these characteristics were collected from asexual reproduc-  
tions carried out in Stuttgart, Germany. Data was collected on  
4-month old plants grown in a controlled greenhouse envi-  
ronment approximating those generally used in commercial  
production, pinched once, with a growth regulator, and under  
natural and artificial light. Color references are to The R.H.S.  
Colour Chart of The Royal Horticultural Society of London  
(R.H.S.), 5<sup>th</sup> edition (2007).

Classification:

*Family*.—Asteraceae.

*Botanical*.—*Dahlia* sp.

*Common*.—*Dahlia*.

*Designation*.—‘KLEDH13037’.

Parentage:

*Female parent*.—The proprietary female *Dahlia* variety  
‘DH-2009-0559’ (unpatented).

*Male parent*.—An unknown male *Dahlia* variety (un-  
patented).

Plant:

*Plant and growth habit*.—Compact, semi-upright, free  
basal branching, and inflorescences held above the  
foliar plane.

*Height*.—20.0 cm to 25.0 cm.

*Diameter*.—35.0 cm to 40.0 cm.

- Propagation*.—Unrooted cuttings.  
*Time to produce a rooted young plant*.—3 to 4 weeks.  
*Root description*.—Medium thickness and light tan in color.  
*Rooting habit*.—Freely branching and moderately dense. 5  
 Lateral branches:  
*Length*.—About 15.0 cm.  
*Diameter*.—About 1.0 cm.  
*Internode length*.—About 1.0 cm to 2.0 cm. 10  
*Aspect*.—Outwardly spreading; about 30 degrees from vertical.  
*Strength*.—Strong.  
*Texture*.—Smooth. 15  
*Color*.—RHS N77.  
 Foliage/leaves:  
*Arrangement*.—Leaves are opposite, 3 to 5 leaflets per leaf, pinnately compound.  
*Length*.—Up to 19.0 cm. 20  
*Width*.—Up to 23.0 cm.  
*Shape*.—Ovate to elliptic.  
*Apex*.—Acute.  
*Base*.—Acute.  
*Margin*.—Serrate. 25  
*Immature leaf color*.—Upper surface: RHS 141A. Lower surface: RHS 141C.  
*Mature leaf color*.—Upper surface: RHS 136A. Lower surface: RHS 136C.  
*Texture (both upper and lower surfaces)*.—Pilose. 30  
*Venation pattern*.—Pinnate.  
*Venation color (both surfaces)*.—RHS 136A; sometimes anthocyanin is present but is mainly on the basal leaves on the upper surfaces.  
*Petioles*.—Length: 5.0 cm up to the first leaflet pair; about 4.0 cm up to the second leaflet pair. Diameter: About 0.5 cm. Texture: Upper surface: Smooth. Lower surface: Smooth, but sparsely covered with hairs. Color: Upper surface: RHS 59A. Lower surface: RHS 143C. 35  
 Buds:  
*Height*.—About 1.0 cm.  
*Diameter*.—About 1.5 cm to 2.0 cm.  
*Shape*.—Oblate.  
*Color*.—RHS 59A and RHS 143B towards the base. 45  
 Inflorescence:  
*Appearance and arrangement*.—Daisy-eyed double inflorescences held above the foliar plane.  
*Fragrance*.—Absent.  
*Time to flower*.—In the winter, about 3 months after planting; in the summer, about 2 months after planting. 50  
*Post-production longevity*.—Plants flower continuously from spring through autumn.  
*Inflorescence diameter*.—About 9.0 cm. 55  
*Inflorescence depth*.—About 6.0 cm.  
*Disc diameter*.—About 1.5 cm.  
*Receptacle height*.—About 1.0 cm.  
*Receptacle diameter*.—About 3.5 cm.  
*Receptacle color*.—RHS 144B and RHS 59A towards the tips. 60  
 Ray florets:  
*Quantity per inflorescence*.—About 70 arranged in about 6 whorls.  
*Length*.—4.0 cm.  
*Width*.—3.0 cm.

- Shape*.—Ovate to oblate.  
*Apex*.—Obtuse.  
*Base*.—Rounded.  
*Margin*.—Entire.  
*Aspect*.—Semi-upright.  
*Texture (both upper and lower surfaces)*.—Smooth.  
*Color, immature*.—Upper surface: RHS 53A to RHS 59A. Lower surface: RHS 59B.  
*Color, mature*.—Upper surface: RHS 53A. Lower surface: RHS 59B.  
 Disc florets:  
*Quantity per inflorescence*.—About 60.  
*Length*.—About 1.0 cm.  
*Diameter*.—0.2 cm.  
*Shape*.—Tubular.  
*Texture (both the upper and lower surfaces)*.—Smooth.  
*Color, both mature and immature, both upper and lower surfaces*.—RHS N77A.  
 Phyllaries:  
*Quantity per inflorescence*.—4 to 5.  
*Length*.—About 1.0 cm.  
*Width*.—About 1.0 cm. 25  
*Shape*.—Ovate.  
*Apex*.—Acute.  
*Base*.—Rounded to truncate.  
*Margin*.—Absent.  
*Texture (both upper and lower surfaces)*.—Smooth.  
*Color*.—Upper surface: RHS 143A; anthocyanin at the basal end or all over the surface. Lower surface: RHS 143A.  
 Peduncles:  
*Length, terminal peduncle*.—Up to 18.0 cm.  
*Length, axillary peduncle*.—Up to 18.0 cm.  
*Diameter*.—0.4 cm.  
*Aspect*.—Semi-upright. 40  
*Strength*.—Strong.  
*Texture*.—Smooth.  
*Color*.—RHS N77A.  
 Reproductive organs:  
*Androecium*.—Present on only fully developed on disc florets. Quantity per floret: 4 to 5. Filament length: About 0.6 cm. Filament color: RHS 3C. Anther shape: Lanceolate. Anther length: 0.5 cm. Anther color: RHS 15A. Pollen amount: Abundant. Pollen color: RHS 21A.  
*Gynoecium*.—Quantity per floret: 1. Pistil length: 1.0 cm. Style length: 0.4 cm. Style color: RHS 1D. Stigma shape: Lanceolate pinnate. Stigma color: RHS 7A. Ovary color: RHS 154C.  
 Fruit and seed set: No fruit and seed set observed.  
 Disease and pest/insect resistance: No disease and pest/insect resistance observed.  
 COMPARISON WITH PARENTAL LINE AND KNOWN VARIETY  
 ‘KLEDH13037’ is a distinct variety of *Dahlia* and is distinguished from its parents as described in Table 1. 65



TABLE 1

Comparison with Parental Lines		
Characteristic	‘KLEDH13037’	Female Parent ‘DH-2009-0559’
Branching	Better basal branching than ‘DH-2009-0559’	Less basal branching than ‘KLEDH13037’

‘KLEDH13037’ is a distinct variety of *Dahlia* and is most similar to the commercial *Dahlia* variety ‘Dalaya Raja’ (also known as ‘KLEDH13034’, unpatented). Differences between the varieties are described in Table 2.

TABLE 2

Comparison with Similar Variety		
Characteristic	‘KLEDH13037’	‘Dalaya Raja’
Flower color, of ray florets	Dark red	Purple

We claim:

1. A new and distinct variety of *Dahlia* plant designated ‘KLEDH13037’ as shown and described herein.

\* \* \* \* \*





FIG. 1





FIG. 2



UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : PP26,353 P3  
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INVENTOR(S) : Nils Klemm and Silke Wagener

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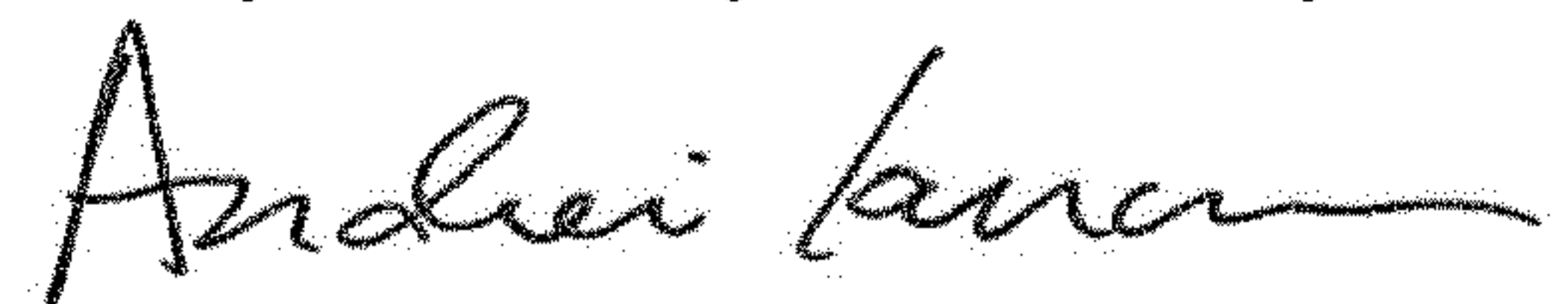
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Specification

Column 5, Line 11, instead of ““Dalaya Raja””; should be -DALAYA ‘Raja’-

Column 6, Table 2, Line 4, instead of ““Dalaya Raja””; should be -DALAYA ‘Raja’-

Signed and Sealed this  
Twenty-sixth Day of February, 2019



Andrei Iancu  
*Director of the United States Patent and Trademark Office*