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

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(54) **DIANTHUS PLANT NAMED ‘KLEDG20336’**

(50) Latin Name: *Dianthus caryophyllus* x
gratianopolitanus
Varietal Denomination: **KLEDG20336**

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patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

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A01H 5/02 (2018.01)
A01H 6/30 (2018.01)

(52) **U.S. Cl.**
USPC **Plt./273**

CPC **A01H 6/30** (2018.05)

(58) **Field of Classification Search**

USPC Plt./273
CPC **A01H 5/0255**
See application file for complete search history.

(56) **References Cited**

PUBLICATIONS

PLUTO UPOVROM Plant Variety Database 20210923 Citation for
‘Kledg20336’ as per QZ PBR 20211322; Jun. 11, 2021; 1 page.*

* cited by examiner

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(57) **ABSTRACT**

A new *Dianthus* plant named ‘KLEDG20336’ particularly
distinguished by dark a purple flower color with violet spots
and single filling.

1 Drawing Sheet

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Genus and species: *Dianthus caryophyllus* x *gratianopo-*
litanus.

Variety denomination: ‘KLEDG20336’.

BACKGROUND OF VARIETY ‘KLEDG20336’

The present invention comprises a new and distinct vari-
ety of *Dianthus*, botanically known as *Dianthus* sp. and
hereinafter referred to by the variety name ‘KLEDG20336’.
‘KLEDG20336’ is a selection that resulted from a cross
pollination of the proprietary female *Dianthus* line ‘DSS-
2014-1022’ (unpatented) and the proprietary male *Dianthus*
line ‘DSS-2013-0033’.

In June of 2015, the proprietary female *Dianthus* line
‘DSS-2014-1022’ and the proprietary male *Dianthus* line
‘DSS-2013-0033’ were cross pollinated in Stuttgart, Ger-
many and seeds were obtained. The seeds were sown and
plants were grown for evaluation. A plant line was selected
in July of 2016 in Stuttgart, Germany, and named
‘KLEDG20336’. In July of 2016, ‘KLEDG20336’ was first
vegetatively propagated by vegetative cuttings.
‘KLEDG20336’ was found to reproduce true to type in
successive generations of asexual propagation via vegetative
cuttings in Stuttgart, Germany.

SUMMARY OF VARIETY ‘KLEDG20336’

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

1. Dark purple flower color with violet spots; and
2. Single filling.

DESCRIPTION OF THE PHOTOGRAPH

This new *Dianthus* plant is illustrated by the accompa-
nying photograph which shows the overall plant habit of the

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variety ‘KLEDG20336’ grown in a pot. The photograph is of
a 14-week-old plant in Stuttgart, Germany under greenhouse
conditions in March 2019.

DESCRIPTION OF THE NEW VARIETY ‘KLEDG20336’

The following detailed descriptions set forth the distinc-
tive characteristics of ‘KLEDG20336’. Data was collected
on seven-month-old plants potted and cultivated in Stuttgart,
Germany in April of 2021. Color references are to The
R.H.S. Colour Chart of The Royal Horticultural Society of
London (R.H.S.), 5th edition.

Classification:

Family.—Caryophyllaceae.

Species.—*Dianthus caryophyllus* x *gratianopolitanus*.

Common name.—Pot carnation.

Parentage:

Female parent.—The *Dianthus* ‘DSS-2014-1022’ (un-
patented).

Male parent.—The *Dianthus* ‘DSS-2013-0033’ (un-
patented).

Propagation:

Propagation type.—Vegetative stem cuttings.

Time to produce a rooted young plant.—14 to 18 days.

Root description.—Young roots: RHS 161D. Mature
roots: RHS 199C

Rooting habit.—Lanceolate..

Plant description:

Form.—Upright.

Height.—19.0 cm to 22.0 cm.

Diameter or spread.—30.0 cm to 35.0 cm.

Lateral branches:
Length.—8.0 cm to 12.0 cm.
Diameter.—4.0 cm to 7.0 cm.
Internode length.—2.0 cm to 4.0 cm.
Number of internodes per branch/stem.—6 to 9. 5
Node length.—0.2 cm to 0.4 cm.
Node diameter.—0.1 cm to 0.2 cm.
Texture.—Smooth.
Color.—RHS 189A.
Branch/stem.—Lower part solid, upper part hollow. 10

Foliage description:
Arrangement.—Opposite.
Length.—2.0 cm to 5.0 cm.
Width.—0.3 cm to 0.5 cm.
Shape.—Ovate. 15
Apex.—Acute.
Base.—Obtuse.
Margin.—Entire.
Texture.—Upper and lower surfaces: Smooth.
Immature leaf color.—Upper surface: RHS 189A. 20
Lower surface: RHS 189A.
Mature leaf color.—Upper surface: RHS 137B. Lower
surface: RHS 137C
Venation pattern.—No venation. 25

Flower description:
Flower type and habit.—Single flower, round/wavy
shape.
Fragrance.—Present.
Natural flowering season.—Spring to Autumn.
Position of flowers relative to the foliage.—Above 30
foliage.
Number of flowers per spray.—5 to 8.
Flower longevity on the plant.—14 to 21 days.
Flower buds.—Length: 1.3 cm to 1.8 cm. Diameter: 0.5
cm to 0.6 cm. Shape: Elliptic. Color: RHS 147A. 35
Extrusion of the styles at the bud stage: Absent.
Corolla.—Quantity of petals and arrangement: 5.
Corolla height: 0.6 cm to 1.0 cm. Petal length: 2.7 cm
to 3.0 cm. Petal width: 1.6 cm to 2.0 cm. Petal shape:
Spoon shaped. Petal apex: Obtuse. Petal base: Acute. 40
Petal margin: Sparsely serrated. Depth of petal margin:
Low. Petal texture: Upper and lower surfaces:
Smooth. Petal color: Immature: Upper surface: RHS
77A and RHS 77C. Lower surface: Middle RHS 76
B, border RHS 76A. Mature: Upper surface: RHS 45
77A and RHS 76A. Lower surface: RHS 76B. Calyx:
Quantity of sepals: Composed of 5 sepals. Shape:
Cylindric. Calyx height: 1.8 cm to 2.2 cm. Calyx
diameter (at the apex): 0.4 cm to 0.6 cm. Sepal 50
texture: Upper and lower surfaces: Smooth. Sepal
color: Upper surface: RHS 137A. Lower surface:
RHS 137D.

Peduncles:
Length.—1.0 to 2.0 cm (last internode), whole stem
10.0 cm. 55
Diameter.—0.1 cm to 0.2 cm.

Strength.—Moderate.
Texture.—Smooth.
Color.—RHS 189A.

Reproductive organs:
Stamens.—Quantity per flower: 8 to 12. Filament
length: 1.5 cm to 2.0 cm. Filament color: RHS 155B.
Anther length: 0.15 cm. Anther diameter: 0.05 cm to
0.1 cm. Anther color: RHS 161A. Pollen amount:
Moderate. Pollen color: Yellow-brownish.
Pistils.—Quantity per flower: 2 styles. Pistil length: 1.5
cm to 2.0 cm. Style length: 1.0 cm to 1.5 cm. Style
color: RHS 69D. Stigma shape: Filamentous. Stigma
color: RHS 77B. Ovary size: 0.6 cm to 0.8 cm. Ovary
shape: Oval. Ovary color: RHS 145C, top is RHS
145A.

Fruit and seed set: Seed sometimes observed but information
not available.
Disease and insect/pest resistance: No special observations
were made.

COMPARISON OF ‘KLEDG20336’ WITH
PARENTAL LINES AND KNOWN VARIETY

When ‘KLEDG20336’ is compared to the female parental
line ‘DSS-2014-1022’ and the male parental line ‘DSS-
2013-0033’, the following differences are noted in Table 1:

TABLE 1			
Comparison with Parental Lines			
Trait or characteristic	‘KLEDG20336’	Female parent	Male Parent
Flower color	Dark purple, violet spots	Dark purple red	Violet, dark purple center
Filling	Single	Double	Single

When ‘KLEDG20336’ is compared to the commercial
line ‘KLEDG13146’ (U.S. Plant Pat. No. 25,877), the fol-
lowing differences are noted in Table 2:

TABLE 2		
Comparison with Similar Variety		
Trait or characteristic	‘KLEDG20336’	Commercial line: ‘KLEDG13146’
Flower color	Dark purple, violet spots	Purple, lavender speckles
Flower pattern	Two violet spots	Many small speckles

I claim:
1. A new and distinct variety of *Dianthus* plant named
‘KLEDG20336’ as shown and described herein.

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