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Klemm et al.

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(54) **PELARGONIUM PLANT NAMED**
‘KLEPZ18547’

(50) Latin Name: *Pelargonium zonale*
Varietal Denomination: **KLEPZ18547**

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patent is extended or adjusted under 35
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(58) **Field of Classification Search**
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(57) **ABSTRACT**

A new *pelargonium* plant particularly distinguished by dark-
red flowers, strong zonation of the leaves; and a bushy and
round plant habit with medium vigor, is disclosed.

1 Drawing Sheet

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Genus and species: *Pelargonium zonale*.
Variety denomination: ‘KLEPZ18547’.

CROSS-REFERENCE TO RELATED APPLICATIONS

A Swiss Plant Breeders Rights Application was filed on
May 31, 2018, Application No. 18-3219 and a Community
Plant Variety Rights application was filed on Jul. 19, 2018,
File No. 2018/1826. ‘KLEPZ18547’ has not been made
publicly available for more than one year prior to the filing
date of the instant application.

BACKGROUND OF THE NEW PLANT

The present invention comprises a new and distinct vari-
ety of *pelargonium*, botanically known as *Pelargonium*
zonale and hereinafter referred to by the variety name
‘KLEPZ18547’. ‘KLEPZ18547’ originated from a hand-
pollination in September 2012 in Stuttgart, Germany
between the female *pelargonium* variety ‘KLEPZ10238’,
also commercially known as SUNRISE ‘XL Leon’ (U.S.
Plant Pat. No. 23,116) and the male *pelargonium* variety
‘KLEPZ12320’, also commercially known as SUNRISE
‘Carlos’ (unpatented).

Seeds from the hand-pollination were obtained. The seeds
were sown and plants were grown for evaluation. A single
plant was selected in June 2013 and subsequently named
‘KLEPZ18547’. In September 2013 ‘KLEPZ18547’ was
first vegetatively propagated by vegetative cuttings.
‘KLEPZ18547’ was found to reproduce true to type in
successive generations of asexual propagation via vegetative
cuttings in Stuttgart, Germany.

SUMMARY

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

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1. Dark-red flowers;
2. Strong zonation of the leaves; and
3. A bushy and round plant habit with medium vigor.

5 DESCRIPTION OF THE PHOTOGRAPH

This new *pelargonium* plant is illustrated by the accom-
panying photograph which shows an overall view of the
plant. The photograph is of an approximately 4-month-old
plant grown outdoors in Stuttgart, Germany, in July 2015.
The colors shown are as true as can be reasonably obtained
by conventional photographic procedures.

15 DESCRIPTION OF THE NEW VARIETY

The following detailed descriptions set forth the distinc-
tive characteristics of ‘KLEPZ18547’. The data which
define these characteristics were collected from asexual
reproductions carried out in Stuttgart, Germany. Data was
collected on 19-week-old plants in Stuttgart, Germany under
greenhouse conditions in May 2019. Color references are to
The R.H.S. Colour Chart of The Royal Horticultural Society
of London (R.H.S.), 6th edition (2015).

Classification:

Family.—Geraniaceae.

Botanical.—*Pelargonium zonale*.

Common.—*Pelargonium*.

Designation.—‘KLEPZ18547’.

Parentage:

Female parent.—‘KLEPZ10238’ (U.S. Plant Pat. No.
23,116).

Male parent.—‘KLEPZ12320’ (unpatented).

Plant:

Form.—Bushy and round.

Habit.—Upright.

Height (from top of soil).—15 cm.
Width (horizontal plant diameter).—26 cm.
Natural flowering season.—April to October.
Propagation type.—Vegetative cuttings.
Time to produce a finished flowering plant.—3 months.
Time to initiate and develop roots.—4 weeks.
Root description.—Fine, dense, RHS 199C.

Stems:

Quantity of stems per plant.—4 to 5.

Color.—RHS 143C.

Surface texture.—Moderately pubescent.

Stem form.—Round.

Diameter.—0.7 cm.

Length.—4 cm.

Internode length.—0.7 cm.

Anthocyanin.—Absent.

Leaves:

Arrangement.—Alternate.

Shape.—Reniform.

Apex.—Round.

Base.—Open.

Margin.—Crenate.

Surface texture (both surfaces).—Sparsely pubescent.

Length.—4.5 cm.

Width.—6 cm.

Color.—Upper surface: RHS 137B. Lower surface: RHS 143B.

Zonation.—Present.

Zone conspicuousness.—Strong.

Zone position.—Towards margin.

Relative size of zone.—Large.

Color.—RHS 183B.

Petiole.—Length: 5 cm. Diameter: 0.2 cm to 0.3 cm.

Color: RHS 143B. Strength: Moderate.

Venation pattern.—Palmate.

Venation color.—Upper surface: RHS 137B. Lower surface: RHS 143C.

Inflorescence:

Lastingness of flowers on the plant.—6 to 8 days.

Umbels.—Quantity of umbels per plant: 8 to 9. Length: 5 cm. Diameter: 10 cm.

Individual florets of the umbel.—Quantity of florets per umbel: 30 to 35. Depth: 2 cm. Diameter: 5 cm.

Fragrance.—Absent.

Flower buds:

Cluster shape.—Round.

Cluster size.—Length: 1.5 cm. Width: 3 cm.

Surface texture.—Sparsely pubescent.

Bud.—Height: 0.8 cm. Width: 0.5 cm. Shape: Round.

Apex: Acute. Base: Obtuse. Margin: Entire. Color: RHS 144B.

Petals:

Quantity per flower.—10.

Shape.—Spatulate.

Apex.—Round.

Base.—Obtuse.

Margin.—Entire.

Length.—2.6 cm.

Width.—2.4 cm.

Surface texture (both surfaces).—Smooth.

Color of lobes.—Upper and lower lobes: Upper surface: RHS 45B. Lower surface: RHS N34B.

Petaloids:

Quantity per flower.—3 to 4.

Shape.—Like petals but smaller, some mal-shaped and twisted.

Apex.—Round.

Base.—Obtuse.

Margin.—Entire.

Length.—2 cm.

Width.—0.5 cm.

Surface texture (both surfaces).—Smooth.

Color.—Upper surface: RHS 40A. Lower surface: RHS N34B.

Sepals:

Number per flower.—5.

Shape.—Elliptic.

Apex.—Acute.

Base.—Obtuse.

Margin.—Entire.

Surface texture.—Upper surface: Smooth. Lower surface: Sparsely pubescent.

Color.—Upper surface: RHS 143B. Lower surface: RHS 143A.

Length.—1 cm.

Width.—0.3 cm.

Pedicel:

Length.—2.5 cm.

Diameter.—0.1 cm.

Color.—RHS 144A.

Surface texture.—Sparsely pubescent.

Strength.—Moderate.

Peduncle:

Length.—11 cm.

Diameter.—4 cm.

Color.—RHS 144A.

Texture.—Sparsely pubescent.

Strength.—Moderate.

Reproductive organs:

Stamens.—Quantity per flower: 7. Anther length: 0.8 cm. Filament length: 0.2 cm. Filament color: RHS 51B. Pollen amount: Moderate. Pollen color: RHS N25A.

Pistils.—Number: 1. Stigma color: RHS 60A. Style length: 0.5 cm. Style color: RHS 143C. Ovary arrangement: Central. Ovary color: RHS 143C. Ovary diameter: 0.1 cm. Ovary length: 0.1 cm.

Fruit and seed set: None observed.

Disease and pest/insect resistance: None observed.

COMPARISON WITH PARENTAL LINES AND KNOWN VARIETY

‘KLEPZ18547’ is distinguished from its parents as described in Table 1:

TABLE 1

Comparison with Parental Lines			
Characteristic	‘KLEPZ18547’	Female parent ‘KLEPZ10238’	Male Parent ‘KLEPZ12320’
Zonation	Strong	Absent	Weak
conspicuousness			
Vigor	Medium	Strong	Weak

‘KLEPZ18547’ can be compared to the commercial variety SUNRISE ‘Fernando’, also known as ‘KLEP03105’ (unpatented). Differences between the two varieties are described in Table 2:

TABLE 2

Comparison with Similar Variety		
Characteristic	‘KLEPZ18547’	‘KLEP03105’
Flower color	Dark-red	Red
Vigor	Weak	Medium

We claim:
1. A new and distinct variety of *pelargonium* plant named ‘KLEPZ18547’ as illustrated and described herein.

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