



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

(10) **Patent No.:** **US PP30,526 P3**
(45) **Date of Patent:** **May 21, 2019**

(54) **PELARGONIUM PLANT NAMED**
‘KLEPZ17400’

(50) Latin Name: *Pelargonium zonale*
Varietal Denomination: **KLEPZ17400**

(71) Applicant: **Klemm+Sohn GmbH & Co. KG,**
Stuttgart (DE)

(72) Inventors: **Nils Klemm,** Stuttgart (DE); **Martin**
Glawe, Stuttgart (DE)

(73) Assignee: **Klemm+Sohn GmbH & Co. KG,**
Stuttgart (DE)

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

(21) Appl. No.: **15/932,931**

(22) Filed: **May 23, 2018**

(65) **Prior Publication Data**
US 2018/0343779 P1 Nov. 29, 2018

(30) **Foreign Application Priority Data**
May 24, 2017 (CH) 17-3144

(51) **Int. Cl.**
A01H 5/02 (2018.01)
A01H 6/42 (2018.01)

(52) **U.S. Cl.**
USPC **Plt./325**
CPC *A01H 6/425* (2018.05)

(58) **Field of Classification Search**
USPC Plt./263.1, 324, 325
See application file for complete search history.

Primary Examiner — Susan McCormick Ewoldt
Assistant Examiner — Karen M Redden
(74) *Attorney, Agent, or Firm* — Bethany R. Roahrig;
Cochran Freund & Young LLC

(57) **ABSTRACT**
A new *Pelargonium* plant particularly distinguished by
bright salmon-colored flowers with a lighter salmon-colored
border, and a bushy, round, and upright habit, is disclosed.

1 Drawing Sheet

1

Genus and species: *Pelargonium zonale*.
Variety denomination: ‘KLEPZ17400’.

**CROSS-REFERENCE TO RELATED
APPLICATIONS**

This application claims priority to and the benefit of
Switzerland Plant Breeders Rights application filed on May
24, 2017, Application No. 17-3144, the entire contents of
which are incorporated herein by reference for all purposes.
A Community Plant Variety Rights application was filed
on May 31, 2017, File No. 2017/1449.

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
‘KLEPZ17400’. ‘KLEPZ17400’ originated from a hand-
pollination in July 2010 in Stuttgart, Germany between the
female *Pelargonium* variety ‘KLEPZ08220’, also commer-
cially known as MOONLIGHT ‘Fredo’ (U.S. Plant Pat. No.
21,067) and the male *Pelargonium* variety ‘KLEPZ09251’,
also commercially known as MOONLIGHT ‘Loki’ (U.S.
Plant Pat. No. 22,082).

Seeds from the hand-pollination were obtained. The seeds
were sown and plants were grown for evaluation. A single
plant was selected in June 2011 and subsequently named
‘KLEPZ17400’. In September 2011 ‘KLEPZ17400’ was
first vegetatively propagated by vegetative cuttings.
‘KLEPZ17400’ was found to reproduce true to type in
successive generations of asexual propagation via vegetative
cuttings in Stuttgart, Germany.

2

SUMMARY

The following are the most outstanding and distinguish-
ing characteristics of this new variety when grown under
normal horticultural practices in Stuttgart, Germany.
1. Bright salmon-colored flowers with a lighter salmon-
colored border; and
2. A bushy, round, and upright habit.

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 8 to 9-week-
old plant grown in Stuttgart, Germany under greenhouse
conditions in May 2015.

The colors shown are as true as can be reasonably
obtained by conventional photographic procedures.

DESCRIPTION OF THE NEW VARIETY

The following detailed descriptions set forth the distinc-
tive characteristics of ‘KLEPZ17400’. The data which
define these characteristics were collected from asexual
reproductions carried out in Stuttgart, Germany. Data was
collected on 3-month-old plants in Stuttgart, Germany under
greenhouse conditions in April 2018. Color references are to
The R.H.S. Colour Chart of The Royal Horticultural Society
of London (R.H.S.), 5th edition (2007).

Classification:

Family.—Geraniaceae.
Botanical.—*Pelargonium zonale*.
Common.—*Pelargonium*.
Designation.—‘KLEPZ17400’.

Parentage:

Female parent.—‘KLEPZ08220’, also commercially known as MOONLIGHT ‘Fredo’ (U.S. Plant Pat. No. 21,067).

Male parent.—‘KLEPZ09251’, also commercially known as MOONLIGHT ‘Loki’ (U.S. Plant Pat. No. 22,082).

Plant:

Form.—Bushy and round.

Habit.—Upright.

Height (from top of soil).—16.0 cm to 18.0 cm.

Width (horizontal plant diameter).—18.0 cm to 19.0 cm.

Natural flowering season.—April to October.

Propagation type.—Cuttings.

Time to produce a finished flowering plant.—3 months.

Time to initiate and develop roots.—4 weeks.

Root description.—Fine, white, and dense.

Stems:

Quantity of stems per plant.—2 to 4.

Color.—RHS 166A (Greyed-orange) and RHS 143B (Green).

Surface texture.—Sparsely pubescent.

Stem form.—Round.

Diameter.—0.7 cm to 1.0 cm.

Length.—3.0 cm to 12.0 cm.

Internode length.—2.0 cm to 2.5 cm.

Anthocyanin.—Present.

Leaves:

Arrangement.—Alternate.

Shape.—Reniform.

Apex.—Round.

Base.—Closed.

Margin.—Crenate.

Surface texture (both upper and lower surfaces).—Sparsely pubescent.

Length.—3.2 cm to 5.0 cm.

Width.—4.5 to 7.5 cm.

Color.—Upper surface: RHS 147A (Yellow-green). Lower surface: RHS 147B (Yellow-green).

Zonation.—Present.

Zonation color.—RHS N189A (Greyed-green).

Zonation conspicuousness.—Medium.

Zonation position.—Middle towards margin.

Zonation width.—1.2 cm to 2.0 cm.

Petiole.—Length: 4.0 cm to 5.0 cm. Diameter: 0.2 cm to 0.4 cm. Color: RHS 144A (Yellow-green). Strength: Moderate.

Venation pattern.—Palmate.

Venation color.—Upper surface: RHS 147A (Yellow-green). Lower surface: RHS 144D (Yellow-green).

Inflorescence:

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

Umbels.—Quantity of umbels per plant: 3 to 5. Length: 5.0 cm to 5.5 cm. Diameter: 7.5 cm to 9.0 cm.

Individual florets of the umbel.—Quantity of florets per umbel: Greater than 40. Depth: 2.3 cm. Diameter: 5.2 cm.

Fragrance.—Absent.

Flower buds:

Cluster shape.—Round.

Cluster size.—Length: 1.2 cm to 1.5 cm. Width: 1.6 cm to 2.0 cm.

Surface texture.—Sparsely pubescent.

Bud.—Height: 0.4 cm. Width: 0.3 cm. Shape: Round. Apex: Acute. Base: Obtuse. Margin: Entire. Color: RHS 143A (Green).

Petals:

Quantity per flower.—7 to 9.

Shape.—Spatulate.

Apex.—Round.

Base.—Obtuse.

Margin.—Entire.

Length.—2.4 cm to 2.7 cm.

Width.—1.4 cm to 1.7 cm.

Surface texture (both upper and lower surfaces).—Smooth.

Color of lobes.—Upper lobes: Upper surface: RHS 69A (Red-purple) border about 1.0 cm wide, RHS 41C (Red) of about 1.4 cm from the middle to center and RHS 96A (Violet-blue) about 0.3 cm wide. Lower surface: RHS 96A (Violet-blue). Lower lobes: Upper surface: RHS 69A (Red-purple) border about 1.0 cm wide, RHS 41C (Red) of about 1.4 cm from the middle to center and RHS 96A (Violet-blue) about 0.3 cm wide. Lower surface: RHS 69A (Red-purple).

Petaloids:

Quantity per flower.—1 to 3.

Shape.—Mixed.

Apex.—Mixed.

Base.—Obtuse.

Margin.—Entire.

Length.—0.3 cm to 2.0 cm.

Width.—0.2 cm to 1.1 cm.

Surface texture (both upper and lower surfaces).—Smooth.

Color.—Upper surface: RHS 69A (Red-purple) with RHS 41C (Red) stripes. Lower surface: RHS 69A (Red-purple) with RHS 38A (Red) stripes.

Sepals:

Number per flower.—5.

Shape.—Elliptic.

Apex.—Acute.

Base.—Obtuse.

Margin.—Entire.

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

Color.—Upper surface: RHS 144A (Yellow-green) from the middle to the tip, RHS 165A (Greyed-orange) at the base to the middle. Lower surface: RHS 144A (Yellow-green) from the middle to the tip, RHS 166A (Greyed-orange) at the base to the middle.

Length.—1.0 cm.

Width.—0.4 cm.

Pedicel:

Length.—1.8 cm.

Diameter.—0.1 cm.

Color.—RHS 166B (Greyed-orange).

Surface texture.—Moderately pubescent.

Peduncle:

Length.—6.5 cm to 11.5 cm.

Diameter.—0.5 cm.

Color.—RHS 166A (Greyed-orange).

Texture.—Sparsely pubescent.

Strength.—Stiff.

Anthocyanins.—Present.

Reproductive organs:

Stamens.—Quantity per flower: 3 to 5. Anther length: 0.2 cm. Filament length: 0.6 cm. Filament color: RHS 69A (Red-purple) with RHS 45A (Red) tips. Pollen amount: Moderate. Pollen color: RHS 169A (Greyed-orange).

Pistils.—Number: 1. Stigma color: RHS 47B (Red). Style length: 0.3 cm. Style color: RHS 47B (Red). Ovary arrangement: Central. Ovary color: RHS 59A (Red-purple). Ovary diameter: 0.2 cm. Ovary length: 0.6 cm.

Fruit and seed set: None observed.

Disease and pest/insect resistance: None observed.

COMPARISON WITH PARENTAL LINES AND KNOWN VARIETY

‘KLEPZ17400’ is distinguished from its parents as described in Table 1:

TABLE 1			
Comparison with Parental Lines			
Characteristics	‘KLEPZ17400’	Female parent ‘KLEPZ08220’	Male Parent ‘KLEPZ09251’
Leaf zonation	Medium	Weak	Very strong
	Medium vigor,		

TABLE 1-continued

Comparison with Parental Lines			
Characteristics	‘KLEPZ17400’	Female parent ‘KLEPZ08220’	Male Parent ‘KLEPZ09251’
Growth and habit	Mounding, and well-branched	Very compact	Medium, upright, dominant branches

‘KLEPZ17400’ can be compared to the commercial variety ‘Savannah Light Salmon’ (also known as ‘Duesalisal’; U.S. Plant Pat. No. 26,145). Differences between the two varieties are described in Table 2:

TABLE 2		
Comparison with Similar Variety		
Characteristics	‘KLEPZ17400’	Commerical line Savannah Light Salmon
Leaf color	Dark-green	Green
Flower Color	Bright-salmon with light salmon border	Light salmon

We claim:

1. A new and distinct variety of *Pelargonium* plant named ‘KLEPZ17400’ as illustrated and described herein.

* * * * *

