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Klemm

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(54) **PELARGONIUM PLANT NAMED**
'KLEPZ07202'

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

(50) Latin Name: *Pelargonium zonale*
Varietal Denomination: **KLEPZ07202**

(52) **U.S. Cl.** **Plt./330**
(58) **Field of Classification Search** **Plt./330**
See application file for complete search history.

(75) Inventor: **Nils Klemm**, Stuttgart (DE)

Primary Examiner—Annette H Para
(74) *Attorney, Agent, or Firm*—Jondle & Associates, P.C.

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

(57) **ABSTRACT**

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

A new cultivar of *Pelargonium* particularly characterized by red flowers with a purple cast and lighter red eyes and border, dark-green foliage and a compact plant habit and good tolerance to weather conditions, is disclosed.

(21) Appl. No.: **12/077,930**

1 Drawing Sheet

(22) Filed: **Mar. 21, 2008**

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Genus and species: *Pelargonium zonale*.
Variety denomination: 'KLEPZ07202'.

BACKGROUND OF THE NEW PLANT

The present invention comprises a new and distinct cultivar of *Pelargonium*, botanically known as *Pelargonium zonale* and hereinafter referred to by the cultivar name 'KLEPZ07202'. 'KLEPZ07202' was discovered as a seedling resulting from a cross in July 2003 in Stuttgart, Germany between the proprietary female *Pelargonium* parent, 'KLEP01012' (U.S. Plant No. 13,743) and the proprietary male *Pelargonium* parent, 'Z 22 073' (unpatented). A single plant selection was subsequently chosen for further evaluation and for asexual propagation.

The new cultivar was created in 2003 in Stuttgart, Germany and has been asexually reproduced repeatedly by vegetative cuttings in Stuttgart, Germany over a 3 and one-half-year period. 'KLEPZ07202' has been found to retain its distinctive characteristics through successive asexual propagations.

Plant Breeders Rights for this cultivar were applied for in Switzerland on Apr. 23, 2007 and in Canada on Mar. 30, 2007. 'KLEPZ07202' 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 normal commercial practices in a greenhouse in Stuttgart, Germany.

1. Red flowers with a purple cast and lighter red eyes and border;
2. Dark-green foliage and a compact plant habit; and
3. Good tolerance to weather conditions.

DESCRIPTION OF THE PHOTOGRAPH

This new *Pelargonium* plant is illustrated by the accompanying photograph which shows blooms, buds, and foliage of the plant; the colors shown are as true as can be reasonably obtained by conventional photographic procedures. The

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photograph is of a plant about 3-months old and grown from rooted cuttings in a 12-cm pot under greenhouse (glasshouse) in Stuttgart, Germany under conditions which approximate those generally used in commercial practice.

DESCRIPTION OF THE NEW CULTIVAR

The following detailed descriptions set forth the distinctive characteristics of 'KLEPZ07202'. 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, un-pinched plants in 12-cm pots in a greenhouse in January through April. The color readings were determined under natural light. Color references are to the R.H.S. Colour Chart of The Royal Horticultural Society of London (R.H.S.) (2001).

DETAILED BOTANICAL DESCRIPTION

Classification:

Family.—Geraniaceae.

Species.—*Pelargonium zonale*.

Common name.—*Pelargonium* (Geranium), zonal geranium.

Denomination.—'KLEPZ07202'.

Parentage:

Female parent.—The proprietary female *Pelargonium* parent, 'KLEP01012' (U.S. Plant Pat. No. 13,743).

Male parent.—The proprietary male *Pelargonium* parent, 'Z 22 073' (unpatented).

Plant:

Habit.—Upright

Height.—20 cm to 24 cm.

Spread.—20 cm to 23 cm.

Life cycle.—Perennial, but usually treated as an annual.

Form.—Rounded, bushy.

Time to produce a rooted cutting.—18 to 20 days.

Time to bloom from propagation.—Approximately 82 days.

Stems:

Stem color.—RHS 139C.

Pubescence.—Present.

Stem form.—Round.

Diameter.—0.6 cm to 1.5 cm.
Length.—4.0 cm to 12.0 cm.
Internode length.—0.8 cm to 1.2 cm.

Leaves:

Arrangement.—Alternate.
Shape.—Typical of geraniums, kidney-shaped.
Apex.—Rounded.
Base.—Open.
Margin.—Crenate.
Surface texture (both sides).—Dull with very short pubescence.
Length.—4.0 cm to 5.0 cm.
Width.—7.0 cm to 8.0 cm.
Color.—Upper surface: RHS 139A. Lower surface: RHS 137A.
Petiole.—Length: 6.0 cm. Diameter: 0.15 cm to 0.2 cm. Color: RHS 137D. Texture: Rough, slightly pubescent.
Venation pattern.—Palmate.
Venation color.—RHS 137D.

Inflorescence:

Flowering habit.—Continuous.
Lastingness of inflorescence on the plant.—10 to 20 days.
Umbels.—Length: 8.0 cm. Diameter: 10.0 cm.
Individual florets of the umbel.—Depth: 1.0 cm to 2.0 cm. Diameter: 4.0 cm to 5.0 cm.
Fragrance.—Absent.

Flower buds:

Cluster shape.—Umbelliferous.
Length.—0.4 cm to 1.0 cm.
Width.—0.3 cm to 0.5 cm.
Texture.—Rough.
Bud.—Shape: Elliptical. Apex: Acute. Base: Obtuse. Margin: Entire, smooth. Color: RHS 137C.

Petals:

Quantity per flow.—6 to 7.
Shape.—Rounded.
Apex.—Rounded.
Base.—Attenuate.
Margin.—Entire.
Length.—2.2 cm.
Width.—2.2 cm.
Color of lobes.—Upper lobes (both upper and lower surfaces): RHS 45B. Lower lobes (both upper and lower surfaces): RHS 66D.

Sepals:

Number per flower.—5.
Shape.—Elliptical.

Apex.—Acute.
Base.—Obtuse.
Margin.—Entire.
Color (both surfaces).—RHS 137C with RHS 187B cast.
Length.—0.8 cm to 1.2 cm.
Width.—0.6 cm to 0.8 cm.

Pedicel:

Length.—2.0 cm to 2.5 cm.
Diameter.—0.1 cm to 0.2 cm.
Color.—RHS 173A.
Texture.—Rough.

Peduncle:

Length.—10.0 cm to 16.0 cm.
Diameter.—5 cm.
Color.—RHS 137B and RHS 173A.
Texture.—Rough.

Reproductive Organs:

Stamens.—Anther length: 0.3 cm. Filament length: 0.6 cm. Filament color: RHS 65D. Pollen amount: Moderate. Pollen color: RHS 33B.

Pistils.—Number: 1. Stigma color: RHS 74C. Style length: 0.5 cm. Style color: RHS 155D. Ovary arrangement: Club-shaped.

Fruit/seed set: None observed.

Disease and Insect Resistance: No particular disease or insect resistance noted.

COMPARISON WITH PARENTAL AND
COMMERCIAL CULTIVARS

‘KLEPZ07202’ differs from the female parent, the proprietary female *Pelargonium* parent, ‘KLEP0102’ (U.S. Plant Pat. No. 13,743) in that ‘KLEPZ07202’ has red flowers with a purple cast and lighter red eyes and border, while ‘KLEP01012’ has purple and light pink bi-colored flowers.

‘KLEPZ07202’ differs from the male parent, the proprietary male *Pelargonium* parent, ‘Z 22 073’ (unpatented) in that ‘KLEPZ07202’ has red flowers with a purple cast and lighter red eyes and border, while ‘Z 22 073’ has orange and red flowers.

‘KLEPZ07202’ differs from the commercial comparison variety ‘Pacdo’ (U.S. Plant Pat. No. 16,540) in that ‘KLEPZ07202’ has longer peduncles (10 cm to 16 cm) than ‘Pacdo’ (7 cm to 10 cm).

I claim:

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

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