

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

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(54) **GERANIUM PLANT NAMED ‘KLEPP06122’**

(50) Latin Name: *Pelargonium peltatum*  
Varietal Denomination: **KLEPP06122**

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patent is extended or adjusted under 35  
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(52) **U.S. Cl.** ..... **Plt./332**

(58) **Field of Classification Search** ..... **Plt./332**  
See application file for complete search history.

(56) **References Cited**

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\* cited by examiner

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(57) **ABSTRACT**

A new and distinct cultivar of Ivy *Geranium* plant named  
‘KLEPP06122’, characterized by its outwardly spreading to  
trailing plant habit; freely branching habit; freely and early  
flowering habit; double orange red-colored flowers; and  
good garden performance.

**1 Drawing Sheet**

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Botanical designation: *Pelargonium peltatum*.  
Cultivar denomination: ‘KLEPP06122’.

#### BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar  
of Ivy *Geranium*, botanically known as *Pelargonium*  
*peltatum*, and hereinafter referred to by the name  
‘KLEPP06122’.

The new Ivy *Geranium* is a product of a planned breeding  
program conducted by the Inventor in Stuttgart, Germany.  
The objective of the breeding program is to create new  
freely-branching and uniform Ivy *Geranium* cultivars with  
early flowering habit and attractive foliage and flower col-  
oration.

The new Ivy *Geranium* originated from a cross-  
pollination made by the Inventor in Stuttgart, Germany in  
July, 2002 of a proprietary selection of *Pelargonium*  
*peltatum* identified as code number P 20 035, not patented,  
as the female, or seed, parent with a proprietary selection of  
*Pelargonium peltatum* identified as code number F 501, not  
patented, as the male, or pollen, parent. The cultivar  
KLEPP06122 was discovered and selected by the Inventors  
as a flowering plant from within the progeny of the stated  
cross-pollination in a controlled environment in Stuttgart,  
Germany in June, 2003.

Asexual reproduction of the new Ivy *Geranium* by vegeta-  
tive terminal cuttings in a controlled environment in  
Stuttgart, Germany since September, 2003, has shown that  
the unique features of this new Ivy *Geranium* are stable and  
reproduced true to type in successive generations.

#### SUMMARY OF THE INVENTION

The cultivar KLEPP06122 has not been observed under  
all possible environmental conditions. The phenotype may  
vary somewhat with variations in environment and cultural

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practices such as temperature, daylength and light intensity  
without, however, any variance in genotype.

The following traits have been repeatedly observed and  
are determined to be the unique characteristics of  
‘KLEPP06122’. These characteristics in combination distin-  
guish ‘KLEPP06122’ as a new and distinct cultivar of Ivy  
*Geranium*:

1. Outwardly spreading to trailing plant habit.
2. Freely branching habit.
3. Freely and early flowering habit.
4. Double orange red-colored flowers.
5. Good garden performance.

Plants of the new Ivy *Geranium* differ primarily from  
plants of the female parent selection in the following charac-  
teristics:

1. Plants of the new *Geranium* are not as vigorous as  
plants of the female parent selection.
2. Plants of the new *Geranium* and the female parent  
selection differ in flower color as plants of the female  
parent selection have bright red-colored flowers.

Plants of the new Ivy *Geranium* differ primarily from  
plants of the male parent selection in the following charac-  
teristics:

1. Plants of the new *Geranium* are less compact than  
plants of the male parent selection.
2. Plants of the new *Geranium* and the male parent selec-  
tion differ in flower color as plants of the male parent  
selection have red-colored flowers.

Plants of the new Ivy *Geranium* can be compared to plants  
of the *Pelargonium peltatum* cultivar Royal Red, not pat-  
ented. In side-by-side comparisons conducted in Stuttgart,  
Germany, plants of the new Ivy *Geranium* differed from  
plants of the cultivar Royal Red in the following characteris-  
tics:



1. Plants of the new Ivy *Geranium* were not as compact as plants of the cultivar Royal Red.
2. Plants of the new Ivy *Geranium* and the cultivar Royal Red differed in flower color as plants of the cultivar Royal Red had dark red-colored flowers.

## BRIEF DESCRIPTION OF THE PHOTOGRAPH

The accompanying colored photograph illustrates the overall appearance of the new Ivy *Geranium*, showing the colors as true as it is reasonably possible to obtain in colored reproduction of this type. Colors in the photographs may differ slightly from the color values cited in the detailed botanical description which accurately describe the colors of the new Ivy *Geranium*. The photograph is a close-up view of typical flowers and leaves of 'KLEPP06122'.

## DETAILED BOTANICAL DESCRIPTION

The aforementioned photographs and following observations, measurements and values describe plants grown in Stuttgart, Germany in 12-cm containers in a glass-covered greenhouse during the spring and under conditions which closely approximate commercial *Geranium* production. During the production of the plants, day temperatures ranged from 16° C. to 23° C., night temperatures ranged from 8° C. to 16° C. and light levels ranged from 20,000 lux to 50,000 lux. Plants were about three months old when the photograph and the description were taken. In the detailed description, color references are made to The Royal Horticultural Society Colour Chart, 2001 Edition, except where general terms of ordinary dictionary significance are used.

Botanical classification: *Pelargonium peltatum* cultivar KLEPP06122.

## Parentage:

*Female, or seed, parent.*—Proprietary selection of *Pelargonium peltatum* identified as code number P 20 035, not patented.

*Male or pollen parent.*—Proprietary selection of *Pelargonium peltatum* identified as code number F 501, not patented.

## Propagation:

*Type.*—By vegetative terminal cuttings.

*Time to initiate roots, summer.*—About five days at temperatures of 22° C.

*Time to initiate roots, winter.*—About six days at temperatures of 20° C.

*Time to produce a rooted young plant, summer.*—About 16 days at temperatures of 22° C.

*Time to produce a rooted young plant, winter.*—About 20 days at temperatures of 18° C.

*Root description.*—Medium in thickness, fibrous; white in color.

*Rooting habit.*—Freely branching, moderately dense.

## Plant description:

*Plant/growth habit.*—Outwardly spreading to trailing plant habit, mounding; densely foliated. Moderately vigorous growth habit. Freely basal branching habit with about four to five lateral branches per plant.

*Plant height, to top of umbels.*—About 20 cm to 26 cm.

*Plant height, to top of leaves.*—About 18 cm to 23 cm.

*Plant width.*—About 20 cm to 23 cm.

*Lateral branches.*—Length: About 6 cm to 8 cm. Internode length: About 0.8 cm to 1.2 cm. Texture: Pubescent. Color: 137B.

## Foliage description:

*Arrangement.*—Alternate; simple.

*Length.*—About 4 cm to 5 cm.

*Width.*—About 6 cm to 8 cm.

*Shape.*—Reniform.

*Apex.*—Obtuse.

*Base.*—Cordate.

*Margin.*—Entire.

*Venation pattern.*—Palmate.

*Texture, upper and lower surfaces.*—Glabrous, rough.

*Color.*—Developing foliage, upper surface: 137A.

Developing foliage, lower surface: 137C. Fully

developed, upper surface: 147A; venation, 137C.

Fully developed, lower surface: 137C; venation,

137D. Zonation pattern: Distance from leaf margin:

About 2 cm. Width: About 0.6 mm. Color: 177A.

Petiole: Length: About 3 cm to 4 cm. Diameter:

About 3 mm. Texture, upper and lower surfaces:

Rough. Color, upper and lower surfaces: 137B.

## Flower description:

*Flower arrangement.*—Double rotate flowers arranged in rounded hemispherical umbels arising from apical leaf axils. Umbels displayed above the foliage on strong peduncles. Flowers face upright to outward; flowers slightly cupped. Flowers not persistent. Flowers not fragrant.

*Quantity of flowers.*—Freely flowering habit; about 12 to 16 flower buds and open flowers per umbel; about five to eight umbels per plant.

*Flowering season.*—Year-round under greenhouse conditions. In the garden in Stuttgart, Germany, flowering is continuous from spring until frost in autumn.

*Flower longevity.*—Individual flowers last five to six days on the plant.

*Umbel height.*—About 8 cm.

*Umbel diameter.*—About 6 cm to 10 cm.

*Flower diameter.*—About 3 cm to 4 cm.

*Flower depth (height).*—About 1 cm to 2 cm.

*Flower buds.*—Length: About 1 cm to 1.5 cm. Diameter: About 6 mm to 8 mm. Shape: Elliptic. Color: 137A.

*Petals.*—Quantity per flower: About 10 to 14. Length: About 1.5 cm. Width: About 1.2 cm to 1.3 cm. Shape: Ovate. Apex: Rounded. Base: Attenuate. Margin: Entire. Texture, upper and lower surfaces: Smooth, glabrous; velvety. Color: When opening, upper surface: 41A. When opening, lower surface: 41C. Fully opened, upper surface: 43A; towards the base, 41A; venation, 41A; color becoming closer to 41A with development. Fully opened, lower surface: 41C; venation, 41A.

*Petaloids.*—Quantity per flower: None to about five. Length: About 3 mm to 8 mm. Width: About 3 mm to 4 mm. Shape: Irregularly shaped. Apex: Rounded. Base: Attenuate. Margin: Entire. Texture, upper and lower surfaces: Smooth, glabrous; velvety. Color: When opening, upper surface: 41A. When opening, lower surface: 41C. Fully opened, upper surface: 41A; towards the base, 41C; venation, 41A; color becoming closer to 41A with development. Fully opened, lower surface: 41C; venation, 41A.

*Sepals.*—Quantity per flower: Five, arranged in a single whorl. Length: About 8 mm to 10 mm. Width: About 4 mm to 6 mm. Shape: Elliptic. Apex: Acute. Base: Attenuate. Margin: Entire. Texture, upper surface:

Smooth. Texture, lower surface: Rough. Color, upper and lower surfaces: 137B.

*Peduncle (umbel stem).*—Length: About 12 cm to 15 cm. Diameter: About 6 mm. Strength: Strong. Angle: Mostly erect. Texture: Rough. Color: 137A.

*Pedicel (individual flower stem).*—Length: About 2 cm to 3 cm. Diameter: About 2 mm. Strength: Moderately strong. Angle: Erect to about 110° C. from vertical. Texture: Rough. Color: 137A.

*Reproductive organs.*—Androecium: Stamen quantity per flower: About five. Anther length: About 3 mm. Anther shape: Ovate. Anther color: 49A. Pollen amount: Moderate. Pollen color: 33A.

*Gynoecium.*—Pistil quantity per flower: One. Pistil length: About 8 mm to 10 mm. Stigma shape: Taper-

ing; reflexed. Stigma color: 57C. Style length: About 3 mm to 5 mm. Style color: 57D. Ovary color: 149D.

*Seed.*—Seed development has not been observed.

Disease/pest resistance: Plants of the new Ivy *Geranium* have not been observed to be resistant to pathogens and pests common to Ivy *Geraniums*.

Garden performance: Plants of the new Ivy *Geranium* have been observed to tolerate rain, wind and temperatures ranging from about 8° C. to about 31° C. and have demonstrated good garden performance.

It is claimed:

1. A new and distinct Ivy *Geranium* plant named ‘KLEPP06122’ as illustrated and described.

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