



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

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

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

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patent is extended or adjusted under 35  
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See application file for complete search history.

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(57) **ABSTRACT**

A new and distinct cultivar of Ivy *Geranium* plant named  
‘Duepasalre’, characterized by its upright to outwardly  
spreading plant habit; vigorous growth habit; freely basal  
branching habit; freely flowering habit; red purple-colored  
double flowers; and good garden performance.

**1 Drawing Sheet**

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

**BACKGROUND OF THE INVENTION**

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

The new Ivy *Geranium* plant is a product of a planned  
breeding program conducted by the Inventor in Rheinberg,  
Germany. The objective of the breeding program is to create  
new vigorous Ivy *Geranium* plants with dark green-colored  
leaves and attractive flowers.

The new Ivy *Geranium* plant originated from a cross-pol-  
lination made by the Inventor in July, 2006 in Rheinberg,  
Germany of a proprietary selection of *Pelargonium peltatum*  
identified as code number F-01-13, not patented, as the  
female, or seed, parent with a proprietary selection of *Pelar-*  
*gonium peltatum* identified as code number F-18-08, not pat-  
ented, as the male, or pollen, parent. The new Ivy *Geranium*  
plant was discovered and selected by the Inventor as a single  
flowering plant from within the progeny of the stated cross-  
pollination in a controlled greenhouse environment in Rhei-  
nberg, Germany in May, 2009.

Asexual reproduction of the new Ivy *Geranium* plant by  
vegetative terminal cuttings in a controlled greenhouse envi-  
ronment in Rheinberg, Germany since May, 2009, has shown  
that the unique features of this new Ivy *Geranium* plant are  
stable and reproduced true to type in successive generations.

**SUMMARY OF THE INVENTION**

Plants of the new Ivy *Geranium* have not been observed  
under all possible environmental conditions. The phenotype  
may vary somewhat with variations in environment and cul-  
tural practices such as temperature and light intensity with-  
out, however, any variance in genotype.

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

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1. Upright to outwardly spreading plant habit.
2. Vigorous growth habit.
3. Freely basal branching habit.
4. Freely flowering habit.
5. Red purple-colored double flowers.
6. Good garden performance.

Plants of the new Ivy *Geranium* differ primarily from  
plants of the parent selections in flower color as plants of the  
female parent selection have lilac-colored flowers and plants  
of the male parent selection have hot pink-colored flowers.

Plants of the new Ivy *Geranium* can be compared to plants  
of *Pelargonium peltatum* ‘Duepared’, disclosed in U.S. Plant  
Pat. No. 19,236. In side-by-side comparisons conducted in  
Rheinberg, Germany, plants of the new Ivy *Geranium* dif-  
fered primarily from plants of ‘Duepared’ in flower color as  
plants of ‘Duepared’ had red-colored flowers.

**BRIEF DESCRIPTION OF THE PHOTOGRAPH**

The accompanying colored photograph illustrates the over-  
all appearance of the new Ivy *Geranium* plant, showing the  
colors as true as it is reasonably possible to obtain in colored  
reproductions of this type. Colors in the photograph may  
differ slightly from the color values cited in the detailed  
botanical description which accurately describe the colors of  
the new Ivy *Geranium* plant. The photograph comprises a  
side perspective view of a typical flowering plant of ‘Due-  
pasalre’ grown in a 10.5-cm container.

**DETAILED BOTANICAL DESCRIPTION**

The aforementioned photograph and following observa-  
tions and measurements describe plants grown in Rheinberg,  
Germany in a glass- covered greenhouse during the summer  
and under conditions which closely approximate commercial  
production. During the production of the plants, day and night  
temperatures averaged 18° C. and light levels averaged 4,500  
lux. Plants were pinched one time three weeks after planting.  
Plants had been growing for two months when the photograph  
and the description were taken. In the detailed description,  
color references are made to The Royal Horticultural Society  
Colour Chart, 1995 Edition, except where general terms of  
ordinary dictionary significance are used.



Botanical classification: *Pelargonium peltatum* 'Duepasalre'.  
Parentage:

*Female, or seed, parent.*—Proprietary selection of *Pelargonium peltatum* identified as code number F-01-13, not patented.

*Male or pollen parent.*—Proprietary selection of *Pelargonium peltatum* identified as code number F-18-08, not patented.

Propagation:

*Type.*—By vegetative terminal cuttings.

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

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

*Time to produce a rooted young plant, summer.*—About three weeks at temperatures of 20° C.

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

*Root description.*—Fine, fibrous; white in color.

*Rooting habit: Freely branching.*

Plant description:

*General appearance.*—Upright to outwardly spreading plant habit; uniformly rounded; densely foliated.

*Growth and branching habit.*—Vigorous growth habit; freely basal branching habit with about three basal branches developing per plant.

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

*Plant height to top of foliar plane.*—About 13 cm.

*Plant width.*—About 24 cm.

*Lateral branches.*—Length: About 9 cm. Diameter: About 6 mm. Internode length: About 1.25 cm. Texture: Pubescent. Strength: Moderately strong. Color: Close to 143A.

Foliage description:

*Arrangement.*—Alternate; simple.

*Length.*—About 7.6 cm.

*Width.*—About 8.6 cm.

*Shape.*—Reniform.

*Apex.*—Acute.

*Base.*—Peltate.

*Margin.*—Crenate.

*Venation pattern.*—Palmate.

*Texture, upper surface.*—Pubescent; leathery.

*Texture, lower surface.*—Smooth, leathery.

*Color.*—Developing leaves, upper and lower surfaces: Close to 143A. Fully expanded leaves, upper surface: Close to 137A; venation, close to 144A. Fully expanded leaves, lower surface: Close to 143A; venation, close to 144A. Zonation pattern: Distinct. Distance from margin: About 2 mm. Width: About 1.5 cm. Color: Close to 187A.

*Petiole.*—Length: About 5.8 cm. Diameter: About 2.4 mm. Texture, upper and lower surfaces: Smooth, glabrous. Color, upper surface: Close to 139A. Color, lower surface: Close to 143A.

Flower description:

*Flower arrangement.*—Double rotate flowers arranged in rounded hemispherical umbels arising from apical leaf axils; umbels displayed above the foliage on moderately strong peduncles; flowers face upright to outward.

*Fragrance.*—Not detected.

*Quantity of flowers.*—Freely flowering habit; about nine flowers per umbel.

*Flowering season.*—Year-round under greenhouse conditions; in outdoor nurseries and gardens in Germany flowering is continuous from spring throughout the summer; plants begin to flower about eight weeks after planting.

*Flower longevity.*—Individual flowers last about five to seven days on the plant; flowers persistent.

*Umbel height.*—About 5.3 cm.

*Umbel diameter.*—About 8 cm.

*Flower diameter.*—About 5.4 cm.

*Flower depth (height).*—About 2.3 cm.

*Flower buds.*—Length: About 1.5 cm. Diameter: About 8 mm. Shape: Ovoid. Color: Close to 45B.

*Petals.*—Quantity per flower: About five or six. Length: About 2.6 cm. Width: About 2 cm. Shape: Obovate. Apex: Rounded. Base: Attenuate. Margin: Sinuate. Texture, upper and lower surfaces: Smooth, glabrous. Color: When opening, upper surface: Close to 57A. When opening, lower surface: Close to 44B to 44C. Fully opened, upper surface: Close to 57A. Fully opened, lower surface: Close to 43B to 43C; color becoming closer to 44B with development.

*Petaloids.*—Quantity per flower: About 10 to 15. Length: About 2.6 cm. Width: About 1.4 cm. Shape: Obovate. Apex: Rounded. Base: Attenuate. Margin: Sinuate. Texture, upper and lower surfaces: Smooth, glabrous. Color: When opening, upper surface: Close to 57A. When opening, lower surface: Close to 44B to 44C. Fully opened, upper surface: Close to 57A. Fully opened, lower surface: Close to 43B to 43C.

*Sepals.*—Quantity per flower: Five, arranged in a single whorl. Length: About 1.4 cm. Width: About 4.3 mm. Shape: Ensiform. Apex: Apiculate. Base: Attenuate. Margin: Entire. Color, upper and lower surfaces: Close to 144A.

*Peduncle (umbel stem).*—Length: About 7.5 cm. Diameter: About 3 mm. Strength: Moderately strong. Texture: Smooth, glabrous. Color: Close to 144A.

*Pedice (individual flower stem).*—Length: About 2.4 cm. Diameter: About 1.5 mm. Strength: Moderately strong. Texture: Pubescent. Color: Close to 144A.

*Reproductive organs.*—Androecium: Stamen quantity per flower: About five to eight. Filament length: About 1.1 cm. Filament color: Close to 155D. Anther length: About 2 mm. Anther shape: Oval. Anther color: Close to 59A to 59B. Pollen amount: Moderate. Pollen color: Close to 28A. Gynoecium: Pistil quantity per flower: One. Pistil length: About 1 cm. Stigma shape: Parted. Stigma color: Close to 46A. Style length: About 2 mm. Style color: Close to 11B. Ovary color: Close to 144A.

*Seed/fruit.*—Seed and fruit development have 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 5° C. to about 40° C. and have demonstrated good garden performance.

It is claimed:

1. A new and distinct Ivy *Geranium* plant named 'Duepasalre' as illustrated and described.



