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

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

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

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patent is extended or adjusted under 35  
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(57) **ABSTRACT**

A new and distinct cultivar of Zonal Geranium plant named  
‘Duebezfubuimp’, characterized by its broadly upright plant  
habit; moderately vigorous growth habit; freely basal  
branching habit; dark green-colored and zoned leaves; freely  
flowering habit; large bright red purple-colored flowers; and  
good garden performance.

**1 Drawing Sheet**

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Botanical designation: *Pelargonium zonale*.  
Cultivar denomination: ‘DUEBEZFUBUIMP’.

**BACKGROUND OF THE INVENTION**

The present invention relates to a new and distinct cultivar  
of Zonal Geranium plant, botanically known as *Pelargonium*  
*zonale*, and hereinafter referred to by the name ‘Duebez-  
fubuimp’.

The new Zonal Geranium plant is a product of a planned  
breeding program conducted by the Inventor in Koka, Oro-  
mia, Ethiopia and Rheinberg, Germany. The objective of the  
breeding program is to create new vigorous Zonal Geranium  
plants with dark-colored leaves and numerous large attrac-  
tive flowers.

The new Zonal Geranium plant originated from a cross-  
pollination made by the Inventor during the summer of 2012  
in Koka, Oromia, Ethiopia of a proprietary selection of  
*Pelargonium zonale* identified as code number 60019, not  
patented, as the female, or seed, parent with a proprietary  
selection of *Pelargonium zonale* identified as code number  
88865, not patented, as the male, or pollen, parent. The new  
Zonal 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 Rheinberg, Germany in October, 2012.

Asexual reproduction of the new Zonal Geranium plant  
by vegetative terminal cuttings in a controlled greenhouse  
environment in Rheinberg, Germany has shown that the  
unique features of this new Zonal Geranium plant are stable  
and reproduced true to type in successive generations.

**SUMMARY OF THE INVENTION**

Plants of the new Zonal Geranium have not been observed  
under all possible combinations of environmental conditions  
and cultural practices. The phenotype may vary somewhat

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with variations in environmental conditions such as tem-  
perature 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 ‘Duebez-  
fubuimp’. These characteristics in combination distinguish  
‘Duebezfubuimp’ as a new and distinct Zonal Geranium  
plant:

1. Broadly upright plant habit.
2. Moderately vigorous growth habit.
3. Freely basal branching habit.
4. Dark green-colored and zoned leaves.
5. Freely flowering habit.
6. Large bright red purple-colored flowers.
7. Good garden performance.

Plants of the new Zonal Geranium differ primarily from  
plants of the female parent selection in flower color as plants  
of the female parent selection have red-colored flowers.

Plants of the new Zonal Geranium differ primarily from  
plants of the male parent selection in flower color as plants  
of the male parent selection have pink-colored flowers.

Plants of the new Zonal Geranium can be compared to  
plants of the *Pelargonium zonale* ‘Cumbanita Lilac’, not  
patented. In side-by-side comparisons conducted in Rhein-  
berg, Germany, plants of the new Zonal Geranium differed  
primarily from plants of ‘Cumbanita Lilac’ in the following  
characteristics:

1. Plants of the new Zonal Geranium were more upright  
than and not as trailing as plants of ‘Cumbanita Lilac’.
2. Plants of the new Zonal Geranium and ‘Cumbanita  
Lilac’ differed in flower color as plants of ‘Cumbanita  
Lilac’ had intense lilac-colored flowers.

**BRIEF DESCRIPTION OF THE PHOTOGRAPH**

The accompanying colored photograph illustrates the  
overall appearance of the new Zonal Geranium plant show-  
ing 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 Zonal Geranium plant. The photograph comprises a side perspective view of a typical flowering plant of 'Duebezfubuimp' grown in a container.

#### DETAILED BOTANICAL DESCRIPTION

The aforementioned photograph and following observations and measurements describe plants grown during the summer in 10.5-cm containers in a glass-covered greenhouse in Rheinberg, Germany and under cultural practices typical of commercial *Pelargonium* 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 and were 13 weeks old when the photograph and the description were taken. In the detailed description, color references are made to The Royal Horticultural Society Colour Chart, 2007 Edition, except where general terms of ordinary dictionary significance are used.

Botanical classification: *Pelargonium zonale* 'Duebezfubuimp'.

#### Parentage:

*Female, or seed, parent.*—Proprietary selection of *Pelargonium zonale* identified as code number 60019, not patented.

*Male or pollen parent.*—Proprietary selection of *Pelargonium zonale* identified as code number 88865, not patented.

#### Propagation:

*Type.*—By vegetative terminal cuttings.

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

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

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

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

*Root description.*—Fine, fibrous; typically white in color, actual color of the roots is dependent on substrate composition, water quality, fertilizer type and formulation, substrate temperature and physiological age of roots.

*Rooting habit.*—Freely branching; dense.

#### Plant description:

*Plant and growth habit.*—Broadly upright plant habit; uniformly rounded; densely foliated; moderately vigorous growth habit.

*Branching habit.*—Freely basal branching habit with about nine basal branches developing per plant.

*Plant height to top of flower umbels.*—About 32 cm.

*Plant height to top of foliar plane.*—About 29 cm.

*Plant width.*—About 70 cm.

*Lateral branches.*—Length: About 22.4 cm. Diameter: About 1 cm. Internode length: About 2.6 cm. Texture: Pubescent. Strength: Moderately strong. Color: Close to 143C.

#### Leaf description:

*Arrangement.*—Alternate; simple.

*Length.*—About 5.5 cm.

*Width.*—About 9.4 cm.

*Shape.*—Roughly reniform.

*Apex.*—Acute.

*Base.*—Cordate.

*Margin.*—Crenate.

*Venation pattern.*—Palmate.

*Texture, upper surface.*—Pubescent.

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

*Luster, upper and lower surfaces.*—Matte.

*Color.*—Developing and fully expanded leaves, upper surface: Close to 137B; venation, close to 137B.

Developing and fully expanded leaves, lower surface: Close to 137C; venation, close to 144B.

*Zonation pattern.*—Width: About 2 cm. Distance from leaf margin: About 1 cm. Color: Darker than 137B.

*Petioles.*—Length: About 8.3 cm. Diameter: About 2 mm. Texture, upper and lower surfaces: Smooth, glabrous. Color, upper surface: Close to 144B. Color, lower surface: Close to 144C.

#### Flower description:

*Flower arrangement.*—Single type flowers arranged in rounded hemispherical umbels arising from apical leaf axils; umbels displayed above the foliar plane on moderately strong peduncles; flowers face mostly upright to outwardly depending on position in the umbel.

*Fragrance.*—None detected.

*Flowering habit.*—Freely flowering habit, about 29 flowers developing per umbel and numerous flower umbels developing per plant; at one time, about 180 flowers and flower buds per plant.

*Flowering season.*—Year-round under greenhouse conditions; in outdoor nurseries and gardens in Germany, flowering is continuous from spring throughout the summer until the autumn; 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 6.3 cm.

*Umbel diameter.*—About 11.7 cm.

*Flower diameter.*—About 3.7 cm by 4.4 cm.

*Flower depth (height).*—About 2.6 cm.

*Flower buds.*—Length: About 1.7 cm. Diameter: About 8.8 mm. Shape: Ovoid. Color: Close to N66A.

*Petals.*—Quantity per flower: About five arranged in a single whorl. Length: About 3 cm. Width: About 2.2 cm. Shape: Obovate. Apex: Rounded. Base: Attenuate. Margin: Sinuate. Texture, upper and lower surfaces: Smooth, glabrous. Luster, upper and lower surfaces: Matte. Color: When opening and fully opened, upper surface: Close to N66B; color does not fade with development. When opening and fully opened, lower surface: Close to N66D; color does not fade with development.

*Petaloids.*—None observed on plants of the new Zonal Geranium.

*Sepals.*—Quantity per flower: Five arranged in a single whorl. Length: About 1 cm. Width: About 3.2 mm. Shape: Ensiform. Apex: Apiculate. Margin: Entire. Texture, upper and lower surfaces: Smooth, glabrous. Luster, upper and lower surfaces: Matte. Color, upper and lower surfaces: Close to 144A.

*Peduncles (umbel stems).*—Length: About 9.7 cm. Diameter: About 4.3 mm. Strength: Moderately strong. Aspect: Mostly upright. Texture: Smooth, glabrous. Color: Close to 144A.

*Pedicels (individual flower stems).*—Length: About 3.1 cm. Diameter: About 1 mm. Strength: Moderately

strong. Texture: Smooth, glabrous. Color: Close to 144A tinged with close to 185A.

*Reproductive organs.*—Androecium: Stamen quantity per flower: About six. Filament length: About 6 mm. Filament color: Close to 58A. Anther length: About 2 mm. Anther shape: Oblong. Anther color: Close to 34C. Pollen amount: Moderate. Pollen color: Close to 28A. Gynoecium: Pistil quantity per flower: One. Pistil length: About 8.4 mm. Stigma shape: Tapering. Stigma color: Close to 58A. Style length: About 2 mm. Style color: Close to 58A. Ovary color: Close to 144B.

*Seeds and fruits.*—Seed and fruit development have not been observed on plants of the new Zonal Geranium.

Disease & pest resistance: Plants of the new Zonal Geranium have not been observed to be resistant to pathogens and pests common to Zonal Geranium plants.

Garden performance: Plants of the new Zonal Geranium have been observed have good garden performance and to tolerate rain, wind, and temperatures ranging from about 5° C. to about 40° C.

It is claimed:

1. A new and distinct Zonal Geranium plant named ‘Duebezfubuiimp’ as illustrated and described.

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