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

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(54) **GERANIUM PLANT NAMED ‘PENNY LANE’**

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

(50) Latin Name: *Geranium cinereum*
Varietal Denomination: **Penny Lane**

(52) **U.S. Cl.** **Plt./324**
(58) **Field of Classification Search** **Plt./324**
See application file for complete search history.

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(57) **ABSTRACT**

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

A new and distinct cultivar of *Geranium* plant named ‘Penny Lane’, characterized by its upright, broadly spreading and compact plant habit; numerous purple-colored flowers with dark purple venation; and long flowering period.

(21) Appl. No.: **11/151,912**

1 Drawing Sheet

(22) Filed: **Jun. 14, 2005**

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Botanical designation: *Geranium cinereum*.
Cultivar denomination: ‘Penny Lane’.

Geranium differed primarily from plants of the cultivar Carol in flower color as plants of the cultivar Carol had lighter purple-colored flowers.

BACKGROUND OF THE INVENTION

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

The present Invention relates to a new and distinct cultivar of *Geranium* plant, botanically known as *Geranium cinereum*, and hereinafter referred to by the cultivar name Penny Lane.

The accompanying colored photographs illustrate the overall appearance of the new *Geranium*, showing the colors as true as it is reasonably possible to obtain in colored reproductions 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 *Geranium*.

The new *Geranium* originated from a chance cross-pollination in 1999 of an unnamed selection of *Geranium cinereum*, not patented, as the female, or seed, parent with an unknown selection of *Geranium cinereum* as the male, or pollen, parent. The new *Geranium* was discovered by the Inventor in 2000 in a controlled environment in Newport, Shropshire, United Kingdom. Plants of the new *Geranium* differ primarily from plants of the female parental selection in flower color.

The photograph at the top of the sheet comprises a side perspective view of a typical one-year old flowering plant of ‘Penny Lane’ grown in a container.

Asexual reproduction of the new cultivar by divisions in Newport, Shropshire, United Kingdom since 2002, has shown that the unique features of this new *Geranium* are stable and reproduced true to type in successive generations.

The photograph at the middle of the sheet is a close-up view of a typical open flower of ‘Penny Lane’. The photograph at the bottom of the sheet is a close-up view of a typical leaf of ‘Penny Lane’.

SUMMARY OF THE INVENTION

DETAILED BOTANICAL DESCRIPTION

Plants of the cultivar Penny Lane have not been observed under all possible environmental and cultural conditions. The phenotype may vary somewhat with variations in environment such as temperature, light intensity, daylength, irrigation amount and frequency, and/or fertilizer rate without, however, any variance in genotype.

In the following description, color references are made to The Royal Horticultural Society Colour Chart, 2001 Edition, except where general terms of ordinary dictionary significance are used. Plants used for the following description were about one year old and grown under outdoor field conditions which closely approximate commercial production conditions during the summer in Lisserbroek, The Netherlands. During the production of the plants, day temperatures ranged from 17 to 32° C. and night temperatures ranged from 6 to 16° C.

The following traits have been repeatedly observed and are determined to be the unique characteristics of ‘Penny Lane’. These characteristics in combination distinguish ‘Penny Lane’ as a new and distinct cultivar:

Botanical classification: *Geranium cinereum* cultivar Penny Lane.

1. Upright, broadly spreading and compact plant habit.
2. Numerous purple-colored flowers with dark purple venation.
3. Long flowering period.

Parentage:
Female, or seed, parent.—Unnamed *Geranium cinereum* selection, not patented.
Male, or pollen, parent.—Unknown *Geranium cinereum* selection, not patented.

Plants of the new *Geranium* can be compared to plants of the cultivar Carol, disclosed in U.S. Plant Pat. No. 14,124. In side-by-side comparisons conducted by the Inventor in Newport, Shropshire, United Kingdom, plants of the new

Propagation:
Type cutting.—By cuttings.
Time to initiate roots.—About one month at 12° C.

Root description.—Fine, fibrous; orange brown in color.

Rooting habit.—Freely branching.

Plant description:

Plant form and habit.—Perennial flowering plant; upright to broadly spreading and mounded growth habit. Compact plant habit; broad inverted triangle. Moderately vigorous. Leaves arising from basal clumps, no lateral branch development observed.

Plant height.—About 14 cm.

Plant diameter.—About 23 cm.

Foliage description.—Arrangement: Basal rosette. Length: About 2.4 cm. Width: About 2.4 cm. Shape: Orbicular. Apex: Acute. Base: Hastate; overlapping. Margin: Palmately lobed; lobes crenate. Texture, upper and lower surfaces: Densely pubescent. Venation pattern: Palmate. Petiole: Length: About 7.5 cm. Diameter: About 1 mm. Color: Developing and fully expanded foliage, upper surface: 137B. Developing and fully expanded foliage, lower surface: 138B. Venation, upper surface: 143B. Venation, lower surface: 138B to 138C. Petiole: 144B to 144C; towards the base, 178B.

Flower description:

Appearance.—Single rounded cupped to almost flat flowers with five petals with usually two flowers per lateral branch. Flowers face upright to slightly outwardly.

Quantity of flowers.—About 64 flowers develop per plant.

Natural flowering season.—Long flowering period, early May to late August in the Netherlands; flowering continuous during this period. Flowers not persistent.

Fragrance.—None detected.

Flower longevity.—About one week.

Flower size.—Length: About 2.4 cm. Diameter: About 6 mm.

Flower buds (about five days before opening).—Length: About 7 mm. Diameter: About 3.5 mm. Shape: Elliptic. Color: 138A to 138B.

Petals.—Length: About 1.1 cm. Width: About 9 mm. Shape: Broadly obcordate. Apex: Retuse. Base:

Attenuate. Margin: Entire. Texture, upper and lower surfaces: Mostly smooth; towards the base, densely pubescent. Color: When opening, upper and lower surfaces: N74B; towards the base, close to 155D; venation, N79C. Fully opened, upper surface: N78B; towards the base, close to 155D; venation, N79C. Fully opened, lower surface: N74C to N78C; towards the base, close to 155D; venation, N79C to N79D.

Sepals.—Quantity: Five. Length: About 8 mm. Width: About 3.5 mm. Calyx shape: Rotate, slightly cupped. Sepal shape: Obovate to elliptic; apex, aristate; base, cuneate; margin, entire. Texture, upper and lower surfaces: Smooth. Color, upper surface: 143B. Color, lower surface: 138B.

Peduncle.—Length: About 11.7 cm. Diameter: About 1 mm. Angle: Erect to about 45° from vertical. Strength: Moderately strong. Color: 144B.

Reproductive organs.—Stamens: Quantity: Ten. Filament length: About 2.5 mm. Filament color: 77B to 77C. Anther shape: Oblong; dorsifixed. Anther length: About 2 mm. Anther width: About 1 mm. Anther color: 22A to 22B. Pollen amount: Scarce. Pollen color: 20A. Pistils: Quantity: One. Pistil length: About 4 mm. Style length: About 3 mm. Style color: 144A to 144B. Stigma color: N186C. Ovary color: 144A to 144B.

Seed description.—Seed development has not been observed.

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

Garden performance: Plants of the new *Geranium* have been observed to have good garden performance and to tolerate wind and rain. Plants of the new *Geranium* have been observed to be hardy to USDA Zone 5 and to tolerate temperatures to about 35° C.

It is claimed:

1. A new and distinct cultivar of *Geranium* plant named ‘Penny Lane’, as illustrated and described.

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