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

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(54) **PAPAVER PLANT NAMED ‘PAPILLON’**

(50) Latin Name: *Papaver orientale*
Varietal Denomination: **Papillon**

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(73) Assignee: **Future Plants V.O.F.**, Lisserbroek (NL)

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patent is extended or adjusted under 35
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(51) **Int. Cl.**⁷ **A01H 5/00**

(52) **U.S. Cl.** **Plt./263**

(58) **Field of Search** **Plt./263**

(56) **References Cited**

U.S. PATENT DOCUMENTS

PP12,712 P2 * 6/2002 Oudshoorn Plt./263

OTHER PUBLICATIONS

UPOV-ROM GTITM Computer Database, GTI Jouve
Retrieval Software 2003/04 Citation(s) for ‘Papillon’.*

* cited by examiner

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(57) **ABSTRACT**

A distinct cultivar of Papaver plant named ‘Papillon’, char-
acterized by its upright and relatively compact plant habit;
moderately vigorous growth habit; and flowers with light
purple-colored petals.

2 Drawing Sheets

Botanical classification/cultivar designation: *Papaver ori-
entale* cultivar Papillon.

BACKGROUND OF THE INVENTION

The present Invention relates to a new and distinct culti-
var of Papaver plant, botanically known as *Papaver*
orientale, commercially referred to as Oriental Poppy, and
hereinafter referred to by the cultivar name Papillon.

The new Papaver is a product of a planned breeding
program conducted by the Inventor in Rijpwetering, The
Netherlands. The objective of the breeding program is to
develop new Papaver cultivars with compact plant habit.
The new Papaver originated from a cross-pollination made
by the Inventor of two unidentified selections of *Papaver*
orientale, not patented. The new Papaver was discovered
and selected by the Inventor in 2000 in a controlled envi-
ronment in Rijpwetering, The Netherlands, from the result-
ant progeny of the cross-pollination on the basis of its
compact plant habit.

Asexual reproduction of the new cultivar by cuttings
taken at Rijpwetering, The Netherlands, has shown that the
unique features of this new Papaver are stable and repro-
duced true to type in successive generations.

SUMMARY OF THE INVENTION

Plants of the cultivar Papillon have not been observed
under all possible environmental conditions. The phenotype
may vary somewhat with variations in environment such as
temperature and light intensity without, however, any vari-
ance in genotype.

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

1. Upright and relatively compact plant habit.
2. Moderately vigorous growth habit.
3. Flowers with light purple-colored petals.

Plants of the cultivar Papillon differ from plants of the
parent selections and other Papaver cultivars known to the
Inventor, such as the cultivar Patty’s Plum, not patented, in
plant height as plants of the new Papaver are more compact
than plants of the parent selections and other cultivars
known to the Inventor.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

The accompanying colored photographs illustrate the
overall appearance of the new cultivar, showing the colors as
true as it is reasonably possible to obtain in colored repro-
ductions of this type. Colors in the photographs may differ
slightly from the color values cited in the detailed botanical
description which more accurately describe the actual colors
of the new Papaver.

The photograph at the top of the first sheet comprises a
side perspective view of typical flowering plants of ‘Papil-
lon’ grown in an outdoor nursery.

The photograph at the top of the second sheet is a close-up
view of a typical flower of ‘Papillon’.

The photograph at the bottom of the second sheet is a
close-up view of a typical leaf of ‘Papillon’.

DETAILED BOTANICAL DESCRIPTION

In the following description, color references are made to
The Royal Horticultural Society Colour Chart, 2001 Edition,
except where general terms of ordinary dictionary signifi-
cance are used. Plants used for the abovementioned photo-
graphs and following observations and measurements were
grown in an outdoor nursery in Roelofarendsveen, The
Netherlands, and under conditions which closely approxi-
mate commercial production conditions during the summer.
The photographs, measurements and observations were
taken during July when the plants were about one year old.
During this time, day temperatures ranged from 14 to 27° C.
and night temperatures ranged from 4 to 16° C.

Botanical classification: *Papaver orientale* L. cultivar Papillon.

Parentage:

Female, or seed, parent.—Unidentified selection of *Papaver orientale*, not patented.

Male, or pollen, parent.—Unidentified selection of *Papaver orientale*, not patented.

Propagation:

Type.—By cuttings.

Time to develop roots.—About 90 days at 18° C.

Root description.—Fleshy, thick; light brown to white in color.

Plant description:

Form.—Herbaceous perennial flowering plant; mostly upright; narrow inverted triangle. Basally branching, rosette; flowering stems arise from the base. Moderately vigorous.

Plant height.—About 75 cm.

Plant diameter.—About 40 cm.

Flowering stems (peduncles).—Length: About 75 cm.

Diameter: About 5 mm. Internode length: About 18 cm. Strength: Strong. Aspect: Erect. Texture: Pubescent; rough. Color: 143A.

Foliage description.—Arrangement: Alternate; simple. Shape: Lanceolate, pinnately and deeply dissected. Length: About 39.7 cm. Width: About 12.4 cm. Leaf segment shape: Lanceolate. Leaf segment apex: Acute. Leaf segment base: Cuneate. Leaf segment margin: Lower half, pinnatisect to pinnatifid; upper half, biserrate and serrate. Texture, upper and lower surfaces: Pubescent; very rough. Venation pattern: Pinnate. Color: Developing foliage, upper surface: 143A. Developing foliage, lower surface: 137C. Fully expanded foliage, upper surface: Slightly darker than 143A. Fully expanded foliage, lower surface: 138A to 138B. Venation, upper surface: 144A. Venation, lower surface: 138C. Petioles: Length: Basal leaves, about 10 cm; stem leaves, about 1 cm. Diameter: About 7.5 mm. Color: 138C.

Flower description:

Flower type and habit.—Single rotate flowers; flowers terminal and face mostly upright. Flowers not persistent. One flower per flowering stem.

Natural flowering season.—Plants flower continuously from June to early July in The Netherlands.

Fragrance.—None detected.

Flower longevity on the plant.—About three days.

Flower size.—Diameter: About 10.8 cm. Depth (height): About 6.8 cm.

Flower buds.—Length: About 3.3 cm. Diameter: About 1.1 cm. Shape: Ovoid. Texture: Pubescent; rough. Color: 200B to 200C; towards the base, 137B to 137C.

Petals.—Arrangement/appearance: Rotate; about six petals forming a cup-shaped corolla. Length: About 7.6 cm. Width: About 7.6 cm. Shape: Obcordate. Apex: Retuse; ruffled. Margin: Entire; ruffled. Texture, upper and lower surfaces: Smooth; glabrous. Color: When opening and fully opened, upper surface: 186D; towards the base, 59A to 187B; basal spot, close to 202A. When opening and fully opened, lower surface: 186D; towards the base, 60C. Fully opened, upper surface: 40A; towards the base, 187A; basal spot, close to 202A. Fully opened, lower surface: 40B; towards the base, 187A; basal spot, close to 202A.

Sepals.—Sepal development has not been observed.

Reproductive organs.—Stamens: Quantity per flower: Numerous, typically about 300. Anther shape: Narrowly oblong; basifixed; occasionally curved. Anther length: About 2 mm. Anther color: 59A to 187A to 187B. Filament length: About 1.5 cm. Pollen amount: Scarce. Pollen color: Close to 202B. Pistils: Quantity per flower: About 12. Pistil length: About 8 mm. Stigma shape: Narrowly oblong. Stigma color: Between N186A and 202A. Ovary color: 143A to 143B.

Fruits.—Quantity per flower: One. Type: Capsule. Length: About 3.2 cm. Diameter: About 2.9 cm. Color: N200A.

Seeds.—Quantity per fruit: About 900. Length: About 1 mm. Diameter: About 1 mm. Color: Between 202A and 202B.

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

Temperature tolerance: Plants of the new Papaver have been observed to tolerate temperatures from −30 to 40° C.

It is claimed:

1. A new and distinct cultivar of Papaver plant named ‘Papillon’, as illustrated and described.

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