



US00PP26105P2

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

(10) **Patent No.:** **US PP26,105 P2**
(45) **Date of Patent:** **Nov. 17, 2015**

(54) **PELARGONIUM PLANT NAMED**
‘DUEBEVIR12’

(50) Latin Name: *Pelargonium peltatum*
Varietal Denomination: **Duebevir12**

(71) Applicant: **Tobias Dummen**, Rheinberg (DE)

(72) Inventor: **Tobias Dummen**, Rheinberg (DE)

(73) Assignee: **Dümmen Group B.V.**, De Lier (NL)

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 216 days.

(21) Appl. No.: **13/815,019**

(22) Filed: **Jan. 26, 2013**

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

(52) **U.S. Cl.**
USPC **Plt./332**

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

(56) **References Cited**

PUBLICATIONS

PLUTO Plant Variety Database Oct. 30, 2014. p. 1.*

* cited by examiner

Primary Examiner — Annette Para

(74) *Attorney, Agent, or Firm* — C. A. Whealy

(57) **ABSTRACT**

A new and distinct cultivar of Ivy Geranium plant named
‘Duebevir12’, characterized by its upright to outwardly
spreading plant habit; vigorous growth habit; freely basal
branching habit; freely flowering habit; large red-colored
single flowers; and good garden performance.

1 Drawing Sheet

1

Botanical designation: *Pelargonium peltatum*.
Cultivar denomination: ‘DUEBEVIR12’.

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
‘Duebevir12’.

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, 2008 in Rheinberg,
Germany of a proprietary selection of *Pelargonium peltatum*
identified as code number F-18-0418, not patented, as the
female, or seed, parent with a proprietary selection of *Pelar-*
gonium peltatum identified as code number P02-3571-015,
not patented, 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 environ-
ment in Rheinberg, Germany in May, 2011.

Asexual reproduction of the new Ivy Geranium plant by
vegetative terminal cuttings in a controlled greenhouse envi-
ronment in Rheinberg, Germany since July, 2011 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 and cultural
practices. The phenotype may vary somewhat with variations

2

in environmental conditions such as temperature 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 ‘Duebevir12’.

5 These characteristics in combination distinguish
‘Duebevir12’ as a new and distinct Ivy Geranium plant:

1. Upright to outwardly spreading plant habit.
2. Vigorous growth habit.
3. Freely basal branching habit.
- 10 4. Freely flowering habit.
5. Large red-colored single flowers.
6. Good garden performance.

15 Plants of the new Ivy Geranium differ primarily from
plants of the female parent selection in flower form as plants
of the female parent selection have double flowers.

Plants of the new Ivy Geranium differ primarily from
plants of the male parent selection in plant habit as plants of
the new *Pelargonium* are more compact than plants of the
male parent selection.

20 Plants of the new Ivy Geranium can be compared to plants
of *Pelargonium peltatum* ‘Rainbow Red’, not patented. In
side-by-side comparisons conducted in Rheinberg, Germany,
plants of the new Ivy Geranium differed primarily from plants
of ‘Rainbow Red’ in the following characteristics:

- 25 1. Plants of the new Ivy Geranium were more vigorous than
plants of ‘Rainbow Red’.
2. Plants of the new Ivy Geranium had darker green-col-
ored leaves than plants of ‘Rainbow Red’.
- 30 3. Plants of the new Ivy Geranium had slightly darker
red-colored flowers than plants of ‘Rainbow Red’.

BRIEF DESCRIPTION OF THE PHOTOGRAPH

35 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 'Duebevir12' 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, 1995 Edition, except where general terms of ordinary dictionary significance are used.

Botanical classification: *Pelargonium peltatum* 'Duebevir12'.

Parentage:

Female, or seed, parent.—Proprietary selection of *Pelargonium peltatum* identified as code number F-18-0418, not patented.

Male or pollen parent.—Proprietary selection of *Pelargonium peltatum* identified as code number P02-3571-015, 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; white in color.

Rooting habit.—Freely branching; dense.

Plant description:

Plant and growth habit.—Upright to outwardly spreading plant habit; uniformly rounded; densely foliated; vigorous growth habit.

Branching habit.—Freely basal branching habit with about three to five basal branches developing per plant.

Plant height to top of flower umbels.—About 12 cm.

Plant width.—About 25 cm.

Lateral branches.—Length: About 21 cm. Diameter: About 7 mm. Internode length: About 4.2 cm. Texture: Smooth, glabrous. Strength: Moderately strong. Color: Close to 144A.

Foliage description:

Arrangement.—Alternate; simple.

Length.—About 5.2 cm.

Width.—About 6.2 cm.

Shape.—Roughly orbicular; palmately lobed.

Apex.—Rounded.

Base.—Cordate.

Margin.—Crenate.

Venation pattern.—Palmate.

Texture, upper surface.—Pubescent.

Texture, lower surface.—Smooth, glabrous.

Color.—Developing leaves, upper and lower surfaces:

Close to 143B. Fully expanded leaves, upper surface:

Close to 137A; venation, close to 143B. Fully

expanded leaves, lower surface: Close to 143B; venation, close to 139D.

Zonation pattern.—Width: About 3 mm. Color: Close to 131A.

Petiole.—Length: About 2.5 cm. Diameter: About 2 mm. Texture, upper and lower surfaces: Smooth, glabrous. Color, upper and lower surfaces: Close to 144A.

Flower description:

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

Fragrance.—None detected.

Quantity of flowers.—Freely flowering habit, about 12 to 14 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 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 6.5 cm.

Umbel diameter.—About 9.5 cm.

Flower diameter.—About 5.2 cm.

Flower depth (height).—About 2.9 cm.

Flower buds.—Length: About 1.4 cm. Diameter: About 5.3 mm. Shape: Ovoid. Color: Close to 144A.

Petals.—Quantity per flower: Five, arranged in a single whorl. Length: About 3.1 cm. Width: About 1.8 cm. Shape: Obovate. Apex: Rounded. Base: Attenuate. Margin: Sinuate. Texture, upper and lower surfaces: Smooth, glabrous. Color: When opening and fully opened, upper surface: Close to 46B; color does not change with development. When opening and fully opened, lower surface: Close to 46D.

Sepals.—Quantity per flower: Five, arranged in a single whorl. Length: About 1.4 cm. Width: About 4.2 mm. Shape: Ensiform. Apex: Apiculate. Margin: Entire. Color, upper and lower surfaces: Close to 144A.

Peduncle (umbel stem).—Length: About 10 cm. Diameter: About 3 mm to 4 mm. Strength: Moderately strong. Texture: Smooth, glabrous. Color: Close to 144A.

Pedicel (individual flower stem).—Length: About 2.9 cm. Diameter: About 1 mm to 2 mm. Strength: Moderately strong. Texture: Smooth, glabrous. Color: Close to 59B.

Reproductive organs.—Androecium: Stamen quantity per flower: About eight. Anther length: About 4 mm. Anther shape: Oblong. Anther color: Close to 59A. Pollen amount: Moderate. Pollen color: Close to 33B. Gynoecium: Pistil quantity per flower: One. Pistil length: About 1 cm. Stigma shape: Crested. Stigma color: Close to 59A. Style length: About 3 mm. Style color: Close to 2D. Ovary color: Close to 138C.

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

Disease & pest resistance: Plants of the new Ivy Geranium have not been observed to be resistant to pathogens and pests common to Ivy Geranium plants.
Garden performance: Plants of the new Ivy 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 Ivy Geranium plant named ‘Duebevir12’ as illustrated and described.

* * * * *

