

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

(10) **Patent No.:** **US PP25,175 P2**
(45) **Date of Patent:** **Dec. 16, 2014**

(54) **PELARGONIUM PLANT NAMED ‘PEQZ0006’**

(50) Latin Name: *Pelargonium interspecific*
Varietal Denomination: **PEQZ0006**

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(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 57 days.

(21) Appl. No.: **13/986,616**

(22) Filed: **May 17, 2013**

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

(52) **U.S. Cl.**
USPC **Plt./324**

(58) **Field of Classification Search**
USPC Plt./324
See application file for complete search history.

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(57) **ABSTRACT**

A new *Pelargonium* plant named ‘PEQZ0006’ particularly
distinguished by the large brilliant semi-double red-purple
flowers with a faint large-size splash pattern, fairly large
inflorescences, medium green foliage without zonation, supe-
rior branching, good vigor and is tolerant of heat and drought.

1 Drawing Sheet

1

Latin name of the genus and species of the plant claimed:
Pelargonium interspecific.

Varietal denomination: ‘PEQZ0006’.

BACKGROUND OF THE NEW PLANT

The present invention comprises a new *Pelargonium*,
botanically known as *Pelargonium interspecific*, and herein-
after referred to by the variety name ‘PEQZ0006’.

‘PEQZ0006’ is a product of a planned breeding program.
The new cultivar ‘PEQZ0006’ has large brilliant red-purple
flowers with a faint large-size bicolor pattern, fairly large
inflorescences, medium green foliage without zonation, supe-
rior branching, good vigor and is tolerant of heat and drought.

‘PEQZ0006’ originates from a hybrid cross made in Sep-
tember 2009 in a greenhouse in Gilroy, Calif. USA. The
female parent was an unpatented, proprietary seedling of
Pelargonium interspecific background, identified as ‘10630-
1’ with rose-pink bicolored flowers; that has smaller flower
size with a lighter rose colored blotch, and the rose blotch is
smaller, all when compared to ‘PEQZ0006’.

The male parent of ‘PEQZ0006’ was an unpatented, pro-
prietary seedling of *Pelargonium hortorum* background,
identified as ‘10816-4’ with rose bicolored flowers; smaller
blotch size, and is less free-flowering than that of
‘PEQZ0006’. The resultant seed was sown in a greenhouse in
August 2010 in Gilroy, Calif.

‘PEQZ0006’ was selected as one flowering plant within the
progeny of the stated cross in November 2010 in Gilroy, Calif.

The first act of asexual reproduction of ‘PEQZ0006’ was
accomplished when vegetative cuttings were propagated
from the initial selection in November 2010 in Gilroy, Calif.

BRIEF SUMMARY OF INVENTION

Horticultural examination of plants grown from cuttings of
the plant initiated in November 2010 in Gilroy, Calif., and

2

continuing thereafter, has demonstrated that the combination
of characteristics as herein disclosed for ‘PEQZ0006’ are
firmly fixed and are retained through successive generations
of asexual reproduction.

‘PEQZ0006’ has not been observed under all possible envi-
ronmental conditions. The phenotype may vary significantly
with variations in environment such as temperature, light
intensity, and day length.

A Plant Breeder’s Right for this cultivar was applied for in
Canada on May 24, 2012 (12-7613). ‘PEQZ0006’ has not
been made publicly available more than one year prior to the
filing of this application.

The following traits have been repeatedly observed and are
determined to be basic characteristics of the new variety. The
combination of these characteristics distinguishes this *Pelar-*
gonium as a new and distinct variety

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

The accompanying photographic drawing shows typical
flower and foliage characteristics of ‘PEQZ0006’ with colors
being as true as possible with an illustration of this type. The
photographic drawing shows a flowering plant of the new
variety.

DETAILED BOTANICAL DESCRIPTION

The plant descriptions and measurements were taken in
Gilroy, Calif. in late April 2013 under natural light. The plants
used were grown in a greenhouse trial and about 16 weeks of
age. The plant used for the photograph was about 14 weeks
with the photograph taken April 2012 in Gilroy, Calif.

Color chart used: Royal Horticultural Society Colour Chart
(R.H.S.) 2001

TABLE 1

DIFFERENCES BETWEEN THE NEW VARIETY 'PEQZ0006' AND MOST SIMILAR VARIETY FOR COLOR		
	'PEQZ0006'	'Amri Pikegs' (U.S. Plant Pat. No. 20,481)
Plant habit:	More spreading	More upright
Flower size:	Larger	Smaller
Branching habit:	More branching	Less branching
Vigor:	More	Less

TABLE 2

DIFFERENCES BETWEEN THE NEW VARIETY 'PEQZ0006' AND MOST SIMILAR VARIETY FOR PLANT HABIT		
	'PEQZ0006'	'PEQZ0002' (U.S. Plant Pat. No. 23,404)
Flower color:	Bicolored splash pattern	Single color
Flower shape:	Fuller with wider overlapping petals	Can have some gaps between petals

Plant:

Form, growth and habit.—Initially semi-upright, later creeping and trailing, medium sized, well-branched.

Plant height.—About 15-17.0 cm.

Plant height (inflorescence included).—About 25-26.0 cm.

Plant width.—About 30-35.0 cm.

Roots:

Number of days to initiate roots.—15 days at about 22 degrees C.

Number of days to produce a rooted cutting.—20-24 days at 22 degrees C.

Type.—Fine, fibrous, free branching.

Color.—RHS N155B but whiter.

Foliage:

Immature leaf, color upper surface.—RHS 146A but more green.

Immature leaf, color lower surface.—RHS 146B.

Mature leaf, color upper surface.—RHS 146A.

Mature leaf, color lower surface.—RHS 146B.

Length.—4.3-5.0 cm.

Width.—7.0-8.2 cm.

Shape.—Reniform.

Base shape.—Cordate.

Apex shape.—Rounded to truncate.

Margin.—Crenate.

Texture upper side.—Hirsute.

Texture lower side.—Hirsute.

Leaf zonation.—Is not present.

Color of veins, upper surface.—RHS 146C.

Color of veins, lower surface.—RHS 146C.

Pattern of veining.—Palmate.

Petiole color.—RHS 146C.

Petiole length.—7-8.0 cm.

Diameter of petiole.—0.3 cm.

Texture.—Hirsute.

Stem:

Color of stem.—Closest to RHS 146B.

Quantity of branches.—3-5.

Length of stem.—10-12.0 cm.

Diameter.—0.6 cm.

Length of internodes.—0.5 cm.

Texture.—Hirsute.

Peduncle:

Color of peduncle.—RHS 146B to RHS 146C.

Length of peduncle.—11-17.0 cm.

Peduncle diameter.—0.4 cm.

Texture.—Hirsute, pilose.

Pedicel:

Color of pedicel.—RHS 146D becoming covered with anthocyanin of about RHS 176A.

Length of pedicel.—2.2-3.2 cm.

Diameter of pedicel.—0.15 cm.

Texture.—Hirsute, glandular hairs.

Bud (just before opening):

Color.—Closest to RHS N57A but darker.

Length.—1.2-1.4 cm.

Width.—0.6-0.8 cm.

Shape.—Oval.

Inflorescence:

Type.—An umbel, semi-spherical or nearly semi-spherical.

Lastingness of individual flowers.—7-9 days at 18° C. temperature.

Number of inflorescences per plant.—7 umbels with open flowers and 8 more with only buds.

Fragrance.—None.

Umbel diameter.—About 10-12.0 cm.

Umbel depth.—About 5.5 cm.

Corolla:

Form.—5, over-lapping petals, very wavy and ruffled appearance.

Diameter of flower.—3.4-4.2 cm flattened out.

Depth of flower.—1.0-2.0 cm.

Color upper petals, upper surface.—Closest to RHS N57C overlaid lightly with varying hues of RHS N57A and RHS N57B along the margins; in the center of petals, large blotch of closest to RHS 46B; and at the base, RHS 65A with longitudinal stripes and a blotch RHS 46B.

Color upper petals, lower surface.—Lighter than RHS N57C with veining of RHS N57B.

Length of upper petals.—2.5-3.0 cm.

Width of upper petals.—2.2-2.4 cm.

Color lower petals, upper surface.—Same as upper petals.

Color lower petals, lower surface.—Same as upper petals.

Length of lower petals.—2.5 cm.

Width of lower petals.—2.4-2.5 cm.

Petal shape.—Spathulate to obovate.

Apex shape.—Rounded.

Margin.—Entire.

Base.—Cuneate.

Petal texture, upper surface.—Papillose.

Petal texture, lower surface.—Papillose.

Number of petaloids.—None present.

Calyx:

Number of sepals.—5.

Color of sepals.—RHS 146C.

Length of sepals.—1.1-1.2 cm.

Width of sepals.—0.3-0.5 cm.

Sepal shape.—Lanceolate.

Apex shape.—Acute.

Margins.—Entire.

Texture.—Hirsute, glandular hairs.

Reproductive organs:

Gynoecium.—Pistil: 1. Length: 1.0 cm. Style color: RHS 60A. Style length: 0.3 cm. Stigma color: RHS 60A. Ovary color: RHS 141C. Ovary length: 0.4-0.5 cm. Ovary diameter: 0.15-0.2 cm.

Androecium.—Number of anthers: About 8; sometimes with a few extra filaments that aren't fully formed with anthers. Length of anthers: 0.15-0.2 cm. Anther color: RHS 53C. Length filaments: 0.3-0.4 cm. Color

of filaments: RHS N155B with RHS 47B on the apex. Pollen amount: Normal. Color of pollen: RHS 187C. Fertility/seed set: Has not been observed to date. Disease/pest resistance: Has not been observed to date.

What is claimed is:

1. A new and distinct variety of *Pelargonium* plant named 'PEQZ0006' substantially as illustrated and described herein.

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