



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

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(54) **PELARGONIUM PLANT NAMED ‘PEQZ0085’**

(50) Latin Name: *Pelargonium* interspecific
Varietal Denomination: **PEQZ0085**

(71) Applicant: **SYNGENTA CROP PROTECTION**
AG, Basel (CH)

(72) Inventor: **Mitchell E. Hanes**, Gilroy, CA (US)

(73) Assignee: **Syngenta Crop Protection AG**, Basel
(CH)

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patent is extended or adjusted under 35
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(52) **U.S. Cl.**

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(58) **Field of Classification Search**

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See application file for complete search history.

Primary Examiner — Keith O. Robinson

(74) *Attorney, Agent, or Firm* — Dale Skalla

(57) **ABSTRACT**

A new *Pelargonium* plant named ‘PEQZ0085’ particularly
distinguished by the deep coral pink petals with a darker
spot. The plant is very heat and drought tolerant with green
leave, continuous color through the most extreme summer
heat and is freely flowering.

1 Drawing Sheet

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

Varietal denomination: ‘PEQZ0085’.

BACKGROUND OF THE NEW PLANT

The present invention comprises a new *Pelargonium*,
botanically known as *Pelargonium* interspecific, and here-
inafter referred to by the variety name ‘PEQZ0085’.

‘PEQZ0085’ is a product of a planned breeding program.
The new cultivar ‘PEQZ0085’ has inflorescences that are
deep coral pink with a darker spot (splash) at the base of
each petal. The plant is green foliage, very heat and drought
tolerant with continuous color through the most extreme
summer heat and is freely flowering.

‘PEQZ0085’ originates from a hybridization in a con-
trolled breeding program made in January 2017, in a green-
house in Guatemala. The female parent was an unpatented,
proprietary plant of *P. interspecific* parentage, identified as
‘11391-1’ with a single flower form and with a coral splash
flower color.

The male parent of unpatented, proprietary plant of *P.*
interspecific parentage, identified as ‘11530-3’ a semidouble
flower with rose splash color. The resultant seed was sown
in June 2017.

‘PEQZ0085’ was selected as one flowering plant within
the progeny of the stated cross in September 2017 in a
greenhouse in Gilroy, Calif.

The first act of asexual reproduction of ‘PEQZ0085’ was
accomplished when vegetative cuttings were propagated
from the initial selection in October 2017 in a greenhouse in
Gilroy, Calif.

BRIEF SUMMARY OF INVENTION

Horticultural examination of plants grown from cuttings
of the plant initiated in December 2010 in Gilroy, Calif., and
continuing thereafter, has demonstrated that the combination

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of characteristics as herein disclosed for ‘PEQZ0085’ are
firmly fixed and are retained through successive generations
of asexual reproduction.

‘PEQZ0085’ has not been observed under all possible
environmental conditions. The phenotype may vary signifi-
cantly with variations in environment such as temperature,
light intensity, and day length.

A Plant Breeder’s Right for this cultivar has not yet been
applied for. ‘PEQZ0085’ has not been made publicly avail-
able prior to the effective filing date of this application,
notwithstanding any disclosure that may have been made
less than one year prior to the effective filing date of this
application by the inventor or another who obtained
‘PEQZ0085’ directly from the inventor.

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

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

The accompanying photographic drawings show typical
flower and foliage characteristics of ‘PEQZ0085’ with col-
ors being as true as possible with an illustration of this type.
The photographic drawings show in FIG. 1, 3 flowering
plants of the new variety and in FIG. 2, a close-up of an
inflorescence.

DETAILED BOTANICAL DESCRIPTION

The plant descriptions and measurements were taken in
Gilroy, Calif. in June 2021 under natural light. These plants
were approximately 20 weeks old and were grown in a 1
quart pots, in a greenhouse trial. The plants shown in the
photographs were about 20 weeks old and were taken at the
same time the plant patent data was collected.

Color references are made to The Royal Horticultural
Society Colour Chart (R.H.S.) 2005.

TABLE 1

| DIFFERENCES BETWEEN THE NEW VARIETY 'PEQZ0085' AND A MOST SIMILAR VARIETY | | |
|--|-----------------|--|
| | 'PEQZ0085' | 'Calliope Medium Mega Rose Splash', U.S. Plant Pat. No. 30,133 |
| Floret size: | Larger | Smaller |
| Flower bud | More elongated | More rounded |
| Plant growth | Rounded upright | Upright |

Plant:

Form, growth and habit.—Rounded upright habit, well branched plant, freely flowering.
Plant height.—17-20 cm.
Plant height (inflorescence included).—24-27 cm.
Plant width.—31-33.0 cm.

Roots:

Number of days to initiate roots.—15-18 days at about 22 degrees C.
Number of days to produce a rooted cutting.—21-23 days at 22 degrees C.
Type.—Fine, fibrous, free branching.
Color.—RHS N155B but whiter.

Foliage:

Immature leaf, color upper surface.—Closest to RHS 137 A.
Immature leaf, lower surface.—RHS 137B.
Mature leaf, color upper surface.—RHS 137A.
Mature leaf, color lower surface.—RHS 137B.
Length.—4.3 cm.
Width.—8.4 cm.
Shape.—Cordate.
Base shape.—Cordate.
Apex shape.—Acute.
Margin.—Slightly Dentate.
Texture upper side.—Hirsute.
Texture lower side.—Hirsute.
Leaf zonation color.—None.
Color of veins, upper surface.—RHS 137A becoming indistinct.
Color of veins, lower surface.—RHS 137C becoming indistinct.
Pattern of veining.—Palmate.
Petiole color.—RHS 137C.
Petiole length.—5-5.5 cm.
Diameter of petiole.—0.3 cm.
Texture.—Pilose, hirsute, glandular hairs.

Stem:

Quantity of branches.—6-8.
Color of stem.—Between RHS 144A and RHS 144B.
Length of stem.—9-11 cm.
Diameter.—0.5-0.6 cm.
Length of internodes.—1.0-2.0 cm.
Texture.—Sparsely hirsute, Pilose, glandular hairs.

Peduncle:

Color of peduncle.—RHS 137C.
Length of peduncle.—11-15 cm.
Peduncle diameter.—0.3-0.35 cm.
Texture.—Hirsute, glandular hairs.

Pedicel:

Color of pedicel.—RHS 137C at base and RHS 64B/C on upper half.
Length of pedicel.—2.4 cm.
Diameter of pedicel.—1.5-0.2 cm.
Texture.—Sparsely pilose, glandular hairs.

Bud (just before opening):

Color.—Closest to RHS 52A.
Length.—8 mm.
Width.—7 mm.
Shape.—Elliptical.

Inflorescence:

Type.—Umbel; semi-spherical or nearly semi-spherical.
Lastingness of individual flowers.—7-9 days at 18° C. temperature.
Number of inflorescences per plant.—15 with 18 immature umbels in various stages.
Fragrance.—None.
Umbel diameter.—8.5-10 cm.
Umbel depth.—5 cm.

Corolla:

Form.—Single.
Number of petals.—7-8.
Diameter of flower.—4.5 cm.
Depth of flower.—1.8 cm.
Color upper petals, upper surface.—Closest to RHS N57B/C.
Color upper petals, lower surface.—Closest to RHS N57A.
Length of upper petals.—2.5 cm.
Width of upper petals.—1.8 cm.
Color lower petals, upper surface.—Closest to RHS N57B/C.
Color lower petals, lower surface.—Closest to RHS N57A.
Length of lower petals.—2.2 cm.
Width of lower petals.—1.6 cm.
Petal shape.—Obovate to spatulate.
Apex shape.—Rounded.
Margin.—Entire.
Base.—Attenuate.
Petal texture.—Papillose on both surfaces.

Calyx:

Number of sepals.—5.
Color of sepals.—RHS 144B.
Length of sepals.—8 mm.
Width of sepals.—3-4 mm.
Sepal shape.—Lanceolate to linear.
Apex shape.—Acute.
Margins.—Mostly fused.
Texture, upper surface.—Glabrous.
Lower surface.—Glandular hairs, hirsute.

Reproductive organs:

Gynoecium:

Pistil.—1.
Length.—1.1 cm.
Style color.—Closest to RHS 53D with white to follow.
Style length.—0.7 cm.
Stigma color.—Closest to RHS 53D.
Ovary color.—Between RHS 144A and RHS 144B.
Ovary length.—0.5 cm.
Ovary diameter.—0.2 cm.

Androecium:

Number of stamens.—8-10.
Color of filaments.—RHS N57B with RHS N155C basally.
Length filaments 0.6 cm.
Anther color.—RHS N57B with RHS155C to follow.
Length of anthers.—0.2 cm.
Color of pollen.—RHS 58C.
Pollen amount.—Sparse.
Fertility/seed set.—Has not been determined to date.
Disease/pest resistance.—Has not been determined to date.

What is claimed is:
1. A new and distinct variety of *Pelargonium* plant named ‘PEQZ0085’ substantially as illustrated and described herein.

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FIG. 1



FIG. 2