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Snijder

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(54) **PELARGONIUM PLANT NAMED ‘PEQZ0080’**

CPC **A01H 6/425** (2018.05); **A01H 5/02**
(2013.01)

(50) Latin Name: ***Pelargonium* interspecific**
Varietal Denomination: **PEQZ0080**

(58) **Field of Classification Search**

USPC Plt./324, 326, 325
CPC ... **A01H 5/02**; **A01H 5/00**; **A01H 6/42**; **A01H**
6/425; **Y02A 40/132**; **Y02A 40/138**
See application file for complete search history.

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(56) **References Cited**

U.S. PATENT DOCUMENTS

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PP29,948 P3 * 12/2018 Snijder **A01H 6/42**
Plt./324

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

* cited by examiner

Primary Examiner — June Hwu

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(57) **ABSTRACT**

A new *Pelargonium* plant named ‘PEQZ0080’ particularly
distinguished by white colored inflorescences with semi-
double florets, held above dark green foliage, on a vigorous
semi-trailing plant.

(51) **Int. Cl.**
A01H 5/02 (2018.01)
A01H 6/42 (2018.01)

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

1 Drawing Sheet

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Latin name of the genus and species of the plant claimed:
Pelargonium interspecific.
Varietal denomination: ‘PEQZ0080’.

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 ‘PEQZ0080’.

‘PEQZ0080’ is a product of a planned breeding program.
The new cultivar ‘PEQZ0080’ has white colored inflores-
cences with semi-double florets, held above dark green
foliage, on a vigorous semi-trailing plant.

‘PEQZ0080’ originates from a hybridization in a con-
trolled breeding program made in July 2015, in a greenhouse
in Enkhuizen, The Netherlands. The female parent was an
unpatented plant of *Pelargonium* x interspecific parentage
identified as ‘PEL-BA3003-01V’ with larger florets, later
flowering poorer branching when compared to ‘PEQZ0080’.

The male parent of ‘PEQZ0080’ was an unpatented,
proprietary plant of *Pelargonium* x *hortorum* parentage,
identified as ‘PEZ-AY0203-01’ with smaller plant habit and
less petals per flower when compared to ‘PEQZ0080’. The
resultant seed was sown in December 2015.

‘PEQZ0080’ was selected as one flowering plant within
the progeny of the stated cross in May 2016 in a greenhouse
in Enkhuizen, The Netherlands.

The first act of asexual reproduction of ‘PEQZ0080’ was
accomplished when vegetative stem cuttings were propa-
gated from the initial selection in June 2016 in a greenhouse
in Enkhuizen, The Netherlands.

BRIEF SUMMARY OF INVENTION

Horticultural examination of plants grown from cuttings
of the plant initiated in May 2016 in Enkhuizen, The

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Netherlands and continuing thereafter, has demonstrated
that the combination of characteristics as herein disclosed
for ‘PEQZ0080’ are firmly fixed and are retained through
successive generations of asexual reproduction.

5 ‘PEQZ0080’ 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.

10 A Plant Breeder’s Right for this cultivar has not been
applied for. ‘PEQZ0080’ 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
15 application by the inventor or another who obtained
‘PEQZ0080’ 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-
20 guishes this *Pelargonium* as a new and distinct variety.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

25 The accompanying photographic drawings show typical
flower and foliage characteristics of ‘PEQZ0080’ with col-
ors being as true as possible with an illustration of this type.

The photographic drawings show in FIG. 1, one flowering
plant of the new variety and in FIG. 2, a close-up of an
inflorescence.

DETAILED BOTANICAL DESCRIPTION

30 The plant descriptions and measurements were taken in
Enkhuizen, The Netherlands in early June 2020 under natu-

ral light. These plants were approximately 16 weeks old and were grown in a 12 cm pots, in a greenhouse trial. The plants shown in the photographs were about 16 weeks old growing in a 12 cm pot in a greenhouse. The photographs were taken in June 2020.

Color references are made to The Royal Horticultural Society Colour Chart (R.H.S.) 2001.

TABLE 1

DIFFERENCES BETWEEN THE NEW VARIETY 'PEQZ0080' AND A MOST SIMILAR VARIETY		
	'PEQZ0080'	'PEQZ0013' (U.S. Plant Pat. No. 29,948)
Stigma color:	RHS 145A (light yellow-green)	RHS 42A (red)
Plant shape:	Semi-trailing	Mounding-spreading

Plant:
Form, growth and habit.—Semi-spreading and semi-upright growth habit.
Plant height.—19-22 cm.
Plant height (inflorescence included).—28-32 cm.
Plant width.—35-42 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:
Variation.—Absent.
Immature leaf, color upper surface.—Closest to RHS 137B.
Immature leaf, lower surface.—Closest to RHS 138B.
Mature leaf, color upper surface.—Closest to RHS 137A.
Mature leaf, color lower surface.—Closest to RHS 138B.
Length.—6-7 cm.
Width.—7.5-9 cm.
Shape.—Cordate.
Base shape.—Cordate.
Sinus of mature leaf.—Variable, very narrow to narrow on young mature leaf, more wide on older.
Leaf base openness.—Variable, some leaves almost closed, some leaves open or slightly open.
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, largely indistinct.
Color of veins, lower surface.—RHS 144B, becoming indistinct.
Pattern of veining.—Palmate.
Petiole color.—RHS 143B, slightly mottled close to RHS 176C.
Petiole length.—5-6.5 cm.
Diameter of petiole.—0.2 cm.
Texture.—Pilose, hirsute, glandular hairs.

Stem:
Quantity of branches.—5-9.
Color of stem.—Close to RHS 143B.
Anthocyanin coloration of stem.—A weak anthocyanin coloration is visible under high solar radiation.
Length of stem.—9-17 cm.
Diameter.—0.5 cm.
Length of internodes.—1-4 cm.
Texture.—Sparsely hirsute, pilose, glandular hairs.

Peduncle:
Color of peduncle.—RHS 144A.
Length of peduncle.—12-18 cm.
Peduncle diameter.—0.3-0.5 cm.
Texture.—Hirsute, glandular hairs.
Anthocyanin coloration of peduncle.—A slight anthocyanin coloration is visible under high solar radiation on middle third.

Pedice:
Color of pedice.—Basal part RHS 143B, mottling with anthocyanin towards RHS 199B halfway the pedice on a node.
Length of pedice.—3-3.5 cm.
Diameter of pedice.—0.15-0.2 cm.
Texture.—Sparsely pilose, glandular hairs.
Pedice swelling.—Swelling not observed.

Bud (just before opening):
Color.—RHS 145C.
Length.—1.2-1.4 cm.
Width.—0.6-0.7 cm.
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.—6-12, with 5-12 immature umbels in various stages.
Average total number of buds.—20.5.
Fragrance.—None.
Umbel diameter.—8-10 cm.
Umbel depth.—5-7 cm.

Corolla:
Form.—Semi-double.
Number of petals.—7-11.
Diameter of flower.—4-5.5 cm.
Depth of flower.—1.5-2 cm.
Side view shape.—Concave.
Color upper petals, upper surface.—Whiter than RHS N155A at anthesis, veins at base fading to RHS 49B.
Color upper petals, lower surface.—Whiter than RHS N155A at anthesis, veins fading to RHS 50C.
Length of upper petals.—1.5-2.2 cm.
Width of upper petals.—2.1-2.6 cm.
Color lower petals, upper surface.—Whiter than RHS N155A at anthesis, veins at base fading to RHS 49C.
Color lower petals, lower surface.—Whiter than RHS N155A at anthesis, center veins fading to RHS 49A.
Markings on upper petals.—None.
Markings on lower petals.—None.
Length of lower petals.—2.4-2.6 cm.
Width of lower petals.—1.8-2.2 cm, petaloids variably smaller smaller and with variable shape.
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 144C, base RHS 199B.
Length of sepals.—1-1.4 cm.
Width of sepals.—0.2-0.4 cm.
Sepal shape.—Lanceolate to linear.
Apex shape.—Acute.
Margins.—Mostly fused.
Texture, upper surface.—Glabrous.
Lower surface.—Glandular hairs, hirsute.
Sepal flexing.—Mostly unflexed sepals. The narrowest
sepals might flex moderately.
Reproductive organs:
Gynoecium:
Pistil.—RHS 145A.
Length.—0.8-0.9 cm.
Style color.—RHS 145A.
Style length.—0.4-0.5 cm.

Stigma color.—RHS 145A.
Ovary color.—RHS 144A.
Ovary length.—0.4-0.5 cm.
Ovary diameter.—0.2 cm.
5 Androecium:
Number of stamens.—6-9 with 1-5 staminoids.
Color of filaments.—RHS N155A.
Length filaments.—0.5-0.6 cm.
Anther color.—RHS 171D.
10 Length of anthers.—0.3 cm.
Color of pollen.—RHS N167B.
Pollen amount.—Scarce.
Fertility/seed set.—Has not been determined to date.
Disease/pest resistance.—Has not been determined to
15 date.
What is claimed is:
1. A new and distinct variety of *Pelargonium* plant named
'PEQZ0080' substantially as illustrated and described
herein.
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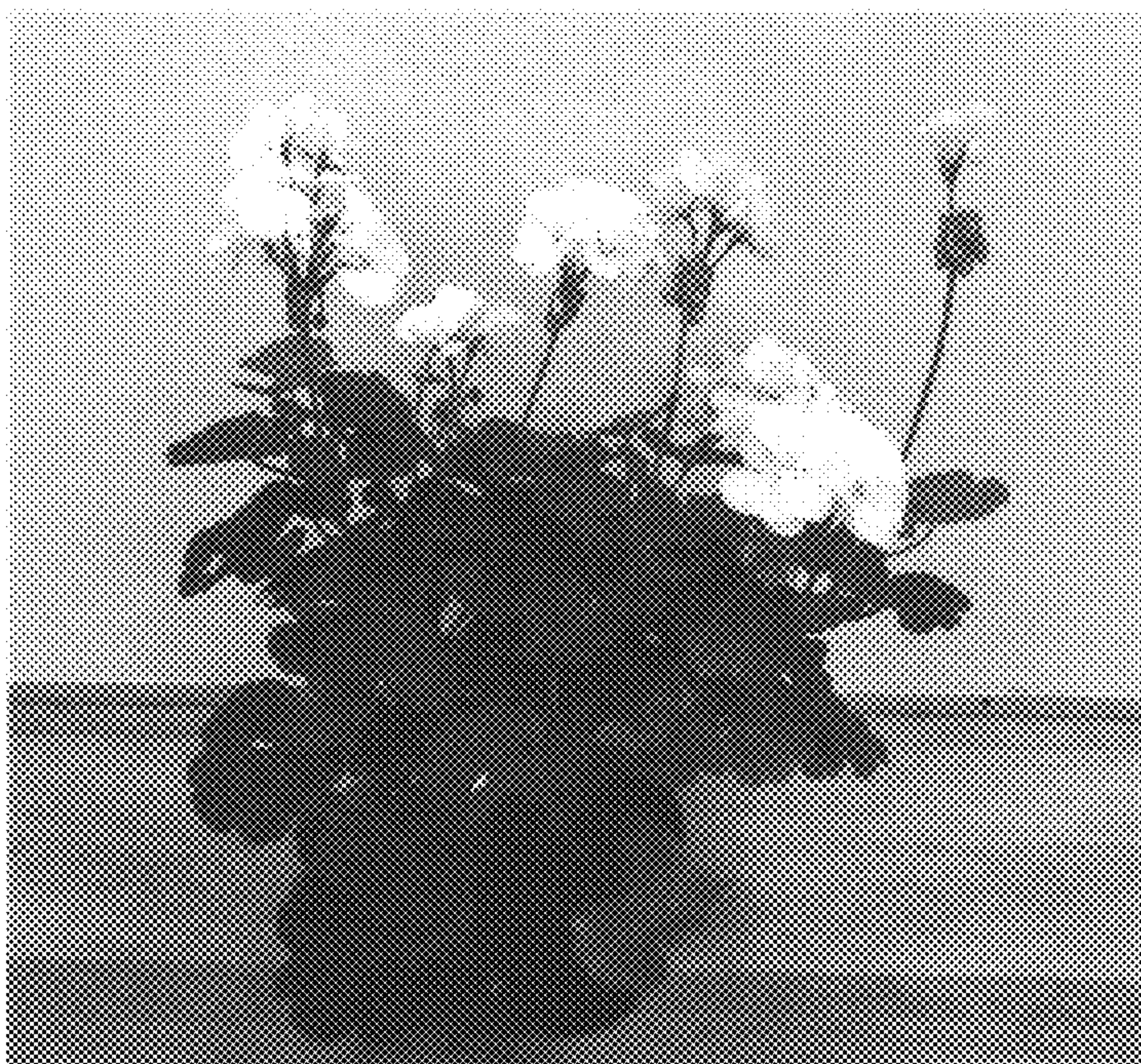


FIG. 1



FIG. 2