

- [54] REGAL PELARGONIUM 'MAJESTIC'
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[22] Filed: Apr. 10, 1989
[51] Int. Cl.⁵ A01H 5/00
[52] U.S. Cl. Plt./68
[58] Field of Search Plt. 68, 87.12

References Cited

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Penn State News Bureau, Centre Daily Times, "Gera-
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Peterson, *Penn Stater*, "Research Blossoms in Regal
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Primary Examiner—Howard J. Locker
Attorney, Agent, or Firm—Scully, Scott, Murphy &
Presser

[57] ABSTRACT

This invention relates to a new and distinct cultivar of
regal Pelargonium (*Pelargonium* × *domesticum*) named
'Majestic' substantially as illustrated and described
herein, particularly characterized as being compact and
self-branching, early flowering and floriferous, and
having medium red flowers with a ruby spot and feath-
ering primarily on the upper petals.

2 Drawing Sheets

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The present invention relates to a new and distinct
cultivar of regal Pelargonium (*Pelargonium* × *domes-
ticum*) called 'Majestic'. This cultivar is compact and
self-branching (without pinching), early flowering and
floriferous. The flowers are medium red with a ruby spot
and feathering primarily on the upper petals.

The cultivar was developed from an organized, scien-
tifically designed breeding program conducted at the
Department of Horticulture, The Pennsylvania State
University, University Park, Pa. 16802. The objective
was to produce a new regal pelargonium genotype with
excellent propagation characteristics, compact growth
habit, predictable and consistent flowering response,
and acceptable postharvest quality. 'Majestic' resulted
from the selection from the progeny of the cross-pollina-
tion of regal Pelargonium cultivars 'Virginia' and
'Lavender Grand Slam'. The selection was asexually
propagated by cuttings and the reproductions ran true.

With reference to the detailed description of the culti-
var which follows, the test plant was potted in soilless
medium and grown in a glasshouse under natural sun-
light at a night temperature of about 58° F. and a day
temperature of about 68° F. Fertilizer was applied in
every watering, with 200 ppm nitrogen provided in the
forms 15-16-17 (two consecutive) waterings) and
20-0-20 (every third watering) in a repeating cycle.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 illustrates in color the cultivar (cultivated
with pinching) including foliage and flowers.

FIG. 2 illustrates in color primarily the floret.

Color readings were taken under cool white fluores-
cent light at approximately 200 foot candles and color
identification was by reference to The Royal Horticul-
tural Society Colour Charts, except where common
terms of color definition are employed.

THE PLANT

Classification:

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Botanical.—*Pelargonium* × *domesticum*.

Tradename.—#59-(78-4-1)='Majestic'

Form: Compact, self-branching.

Height: Approximately 20.0 cm [will vary with envi-
ronmental and cultural conditions].

Leaves:

Size.—Largest leaf measured 11.0 cm across.

Shape.—Depressed ovate; base is cuneate to trun-
cate to reniform; variously lobed; ratio of length
to width is 2 to 3.

Margin.—Toothed.

Texture.—Pubescent.

Color.—Adaxial: Green 143C. Abaxial: Green
139D.

Ribs and veins.—Palmate venation.

Petioles.—Texture: Lightly pubescent. Color: Yel-
low-green 144A.

Stem:

Internode length.—Up to 1.5 cm.

Color.—Yellow-green 145B.

THE FLOWER

Blooming habit: Early and moderately floriferous, often
comparable in earliness and inflorescence number to
the cultivar 'Pink Gardener's Joy.'

Inflorescence form: Umbellate.

Inflorescence size: Varies with floret number; often
8-12 cm across (with florets fully open).

Disease resistance: Not known.

Florets:

Number.—5-9 per inflorescence.

Form.—Slightly cupped.

Size.—2.5-4.0 cm across.

Petals:

Number.—5 (on average).

Texture and appearance.—Smooth, reflective
flecks; slightly ruffled edge.

Color.—Upper Petals: Adaxial: Margin: Red 52B.
Central spot: Red-purple 59A. Proximal veins

and feathering: Red-purple 61C. Abaxial: Margin: Red 52C. Central spot: Red-purple 54A. Proximal veins and feathering: Red 54A. Lower petals: Adaxial: Red-purple 58D. Abaxial: Red 55C.

Petaloids: None observed.

Sepals:

Number.—5 (on average).

Pedicel: Subtended by bracts.

Length.—Up to 3.0 cm.

Color.—Yellow-green 144B.

Peduncle: Arises from node; opposed to leaf petiole; subtended by leaves and bracts.

Length.—Up to 6.0 cm.

Color.—Yellow-green 144A.

REPRODUCTIVE ORGANS

Androecium:

Stamens.—Flat, ribbon-like filaments, joined at their bases; upper $\frac{1}{3}$ of filaments is red-purple with white base; versatile attachment to anthers which are light purple and well developed.

5 Gynoecium:

Pistil number.—1. Length: 20.0 mm.

Stigma.—5-7-parted; red purple.

Style.—10.0 mm long; red-purple.

Ovary.—5.0-7.0 long; superior; very pubescent.

10 Fruit: Schizocarp; rarely observed.

What is claimed is:

1. A new and distinct cultivar of regal Pelargonium substantially as illustrated and described herein, particularly characterized as being compact and self-branching, early flowering and floriferous, and having medium red flowers with a ruby spot and feathering primarily on the upper petals.

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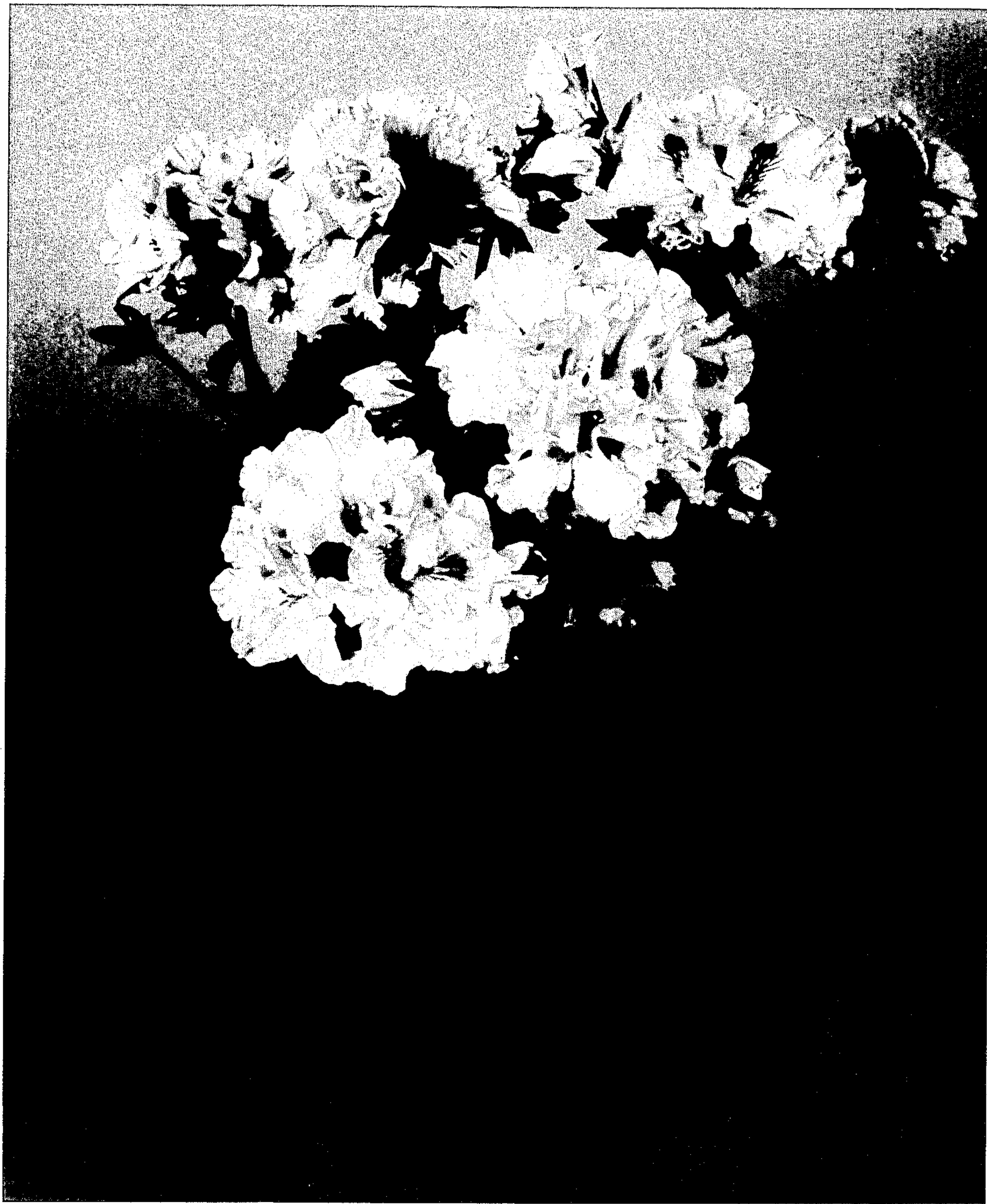


FIG.1



FIG.2

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : PP 7,387

DATED : December 4, 1990

INVENTOR(S) : Richard Craig, et al

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1, line 25: "forms 15-16-17" should read as
--forms of 15-16-17--

Column 1, line 25: "consecutive) waterings)"
should read as --consecutive waterings)--

Column 4, line 7: "red purple" should read as
--red-purple--

Column 4, line 9: "5.0-7.0 long" should read as
--5.0-7.0 mm long--

**Signed and Sealed this
Twelfth Day of May, 1992**

Attest:

DOUGLAS B. COMER

Attesting Officer

Acting Commissioner of Patents and Trademarks