



US00PP14209P29

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

(10) **Patent No.: US PP14,209 P2**
(45) **Date of Patent: Oct. 7, 2003**

(54) **GERANIUM PLANT NAMED ‘PACVI’**

(50) Latin Name: *Pelargonium x hortorum*
Varietal Denomination: ‘Pacvi’

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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 0 days.

(21) Appl. No.: **10/292,833**

(22) Filed: **Nov. 12, 2002**

(51) **Int. Cl.⁷** **A01H 5/00**

(52) **U.S. Cl.** **Plt./330**

(58) **Field of Search** **Plt./330**

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(57) **ABSTRACT**

A new and distinct zonal geranium plant with distinctive
bright red colored flowers above medium green foliage
without zonation.

2 Drawing Sheets

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Botanical classification: *Pelargonium x hortorum* (zonal
geranium).
Varietal denomination: ‘Pacvi’.

BACKGROUND OF THE INVENTION

The present invention comprises a new and distinct cul-
tivar of geranium known by the varietal name ‘Pacvi’. The
new variety was discovered as a seedling in a selective
breeding program in Dresden, Germany. The new variety is
the result of a combination breeding of unnamed, unpatented
selections from breeding group 8K-33. Plants of the new
variety exhibit similar habit of their parents, but exhibit
darker flower color. The new variety was first asexually
reproduced by cuttings in Dresden, Germany in 1999. The
new variety has been trial and field tested and has been
found to retain its distinctive characteristics and remain true
to type through successive propagations.

DESCRIPTION OF THE DRAWING

The accompanying photographic drawings illustrate the
new variety, with the color being as nearly true as is possible
with color illustrations of this type.

FIG. 1 is a photograph of the plant; and
FIG. 2 is a photograph of a bud, flower, and leaf.

DESCRIPTION OF THE PLANT

The following detailed description sets forth the charac-
teristics of the new cultivar. The data which defines these
characteristics were collected from plants propagated in
January, potted in February, and grown in a greenhouse and
then outdoors in June for data collection in Dresden, Ger-
many. Plants were 9 months old when described. The color
readings were taken on a plant under natural indoor light.
Color references are primarily to The R.H.S. Colour Chart of
The Royal Horticultural Society of London.

PLANT

Form: Upright.
Height: Approximately 17 cm from media surface to top of
foliage; approximately 24 cm from media surface to top
of umbels.
Strength: Does not require artificial support.

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Growth: Erect, well-branched, continuous flowering.
Roots: White; adventive; 3.5 weeks to develop.
Leaves:
Arrangement.—Opposite.
Size.—Length: 4–5 cm. Width: 7.5–9 cm.
Shape.—Overall: Reniform. Base: Partly overlapping.
Apex: Rounded.
Margin.—Crenate.
Texture.—Pubescent.
Color.—Upper surface: 137A. Lower surface: 146B.
Zonation: Slight, darker than 137A.
Ribs and veins.—Venation: Net-like. Color: 144D.
Petioles:
Color.—143D.
Length.—6–8 cm.
Stem:
Color.—144B.
Overall stem length.—About 13 cm.
Internode length.—1–2 cm.
Lateral branch length.—About 5.5 cm.

THE BUD

Shape when closed:
Overall.—Spherical.
Individual bud.—Round to elliptical.
Size when closed:
Overall.—About 5 cm across cluster.
Individual bud.—1.3 cm long, 1 cm wide.
Color.—45B.

INFLORESCENCE

Size of umbel:
Width.—8.5–10 cm.
Length.—8.5–10 cm.
Depth.—8.5–10 cm.
Borne: Umbel; Flower on pedicel, pedicel on peduncle.
Flowers:
Form.—Zygomorph.
Number of flowers per umbel.—About 60.
Size.—Diameter: About 4.5–5.5 cm. Depth: 1.5–1.7
cm.

Petals:

Color.—Upper surface: 45B. Lower surface: 43A.
Shape: Overall: Round to oval. Base: Pointed. Apex:
Rounded. Size: About 2.7 cm long, 2.6–2.8 cm wide.
Margin: Entire. Number per flower: 11–13. Texture
and appearance: Smooth.

Sepals:

Color.—Upper surface: 143B. Lower surface: 143B.
Shape.—Overall: Narrow, pointed. Apex: Pointed.
Base: Wider than apex, not pointed.
Size.—Length: About 1.1 cm. Width: About 0.3 cm.

Petaloids:

Quantity.—0–1 per flower.
Shape.—Irregular.
Color.—45B upper surface, 43A lower surface.

Pedicel:

Length.—About 2.5 cm.
Color.—175A.

Peduncle:

Length.—About 9.5 cm.
Color.—143A.
Zonation.—Slight, darker than 137A.

Natural flowering season: Blooms continuously through
summer; plant lasts until frost.

Disease/pest resistance: No susceptibility to diseases or
pests has been noted to date.

REPRODUCTIVE ORGANS

Stamens:

Anthers.—0.1–0.2 cm. in length.
Filaments.—Length: About 0.7 cm. Color: 55B. Pollen:
28A; abundant.

Pistils:

Number.—One.
Length.—About 0.9 cm.
Stigma.—45A.
Style.—Length: About 0.3 cm. Color: 45A.
Ovaries.—Superior, pubescent, about 0.2 cm long,
141C.

Seeds: Rarely present; if present, 5 per flower, 0.4 cm long,
colored 165A.

GENERAL CHARACTERISTICS

1. Bright red flower color.
2. Semi-double flower.
3. Tetraploid.
4. Good rooting.
5. Leaves without zonation.
6. Long-lasting.

I claim:

1. A new and distinct variety of geranium plant substan-
tially as shown and described.

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Fig. 1

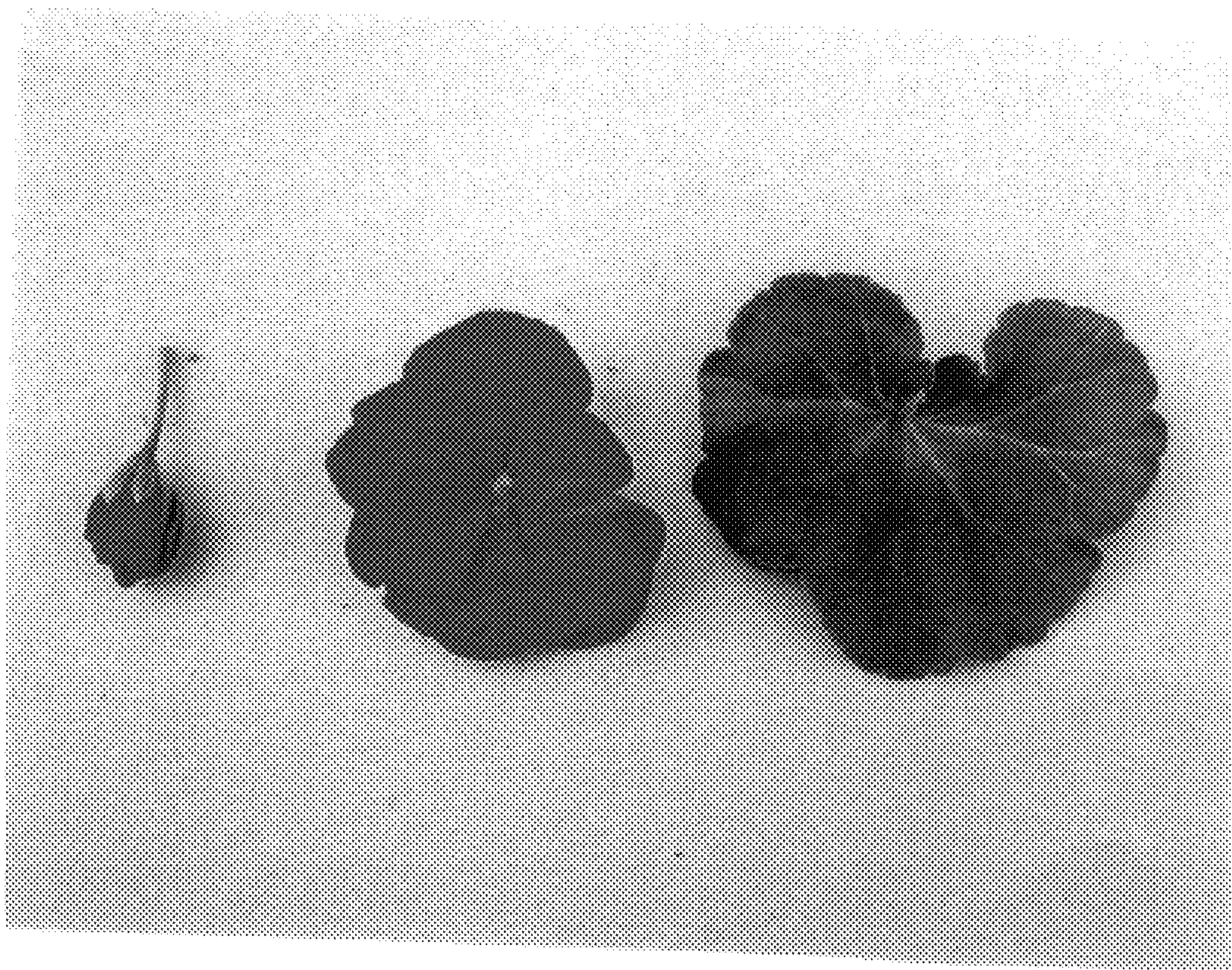


Fig. 2