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Hofmann

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(54) **VARIETY OF GERANIUM PLANT NAMED**
'PACTOMGI'

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(58) **Field of Search** **Plt./332**

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(*) **Notice:** Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
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(57) **ABSTRACT**

A new and distinct ivy geranium plant having burgundy
colored flowers and leaves with heart-shaped zones as
shown and described.

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1 Drawing Sheet

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VARIETAL DENOMINATION

'Pactomgi'.

BOTANICAL CLASSIFICATION

Pelargonium x peltatum (ivy geranium).

BACKGROUND OF THE INVENTION

The present invention comprises a new and distinct cul-
tivar of geranium known by the varietal name 'Pactomgi'.
The new variety was discovered following embryo rescue 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 Peltatum dark
(group 7S embryo rescue). Plants of the new variety exhibit
trailing and the flower size of their heritage, but differ in
their flower color and doubleness. 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.

Time to produce a flowering plant: 3 months.
Leaves: Opposite arrangement; heart-shaped zone.

Length.—3.5 cm.

Width.—7 cm.

5 *Shape:* Ivy-shaped.

Base.—Cordate.

Apex.—Pointed.

Margin.—Entire.

Texture.—Hairy.

10 *Color.*—Upper Surface: 137B with zone of 137A.

Lower Surface: 147B.

Ribs and veins:

Venation.—Net-veined.

Color.—147C.

15 *Petioles:*

Color.—147B.

Length.—2–4 cm.

Stem/branches:

Color.—147B.

20 *Overall stem length.*—55–60 cm.

Internode length.—2.5–3 cm.

Lateral branch length.—45–50 cm.

DESCRIPTION OF THE DRAWING

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

THE BUD

25 **When just beginning to open:**

Shape.—Overall: Umbel-shaped. Individual bud:
Shell-shaped.

Color.—46B.

30 *Size when just showing color.*—Cluster: 4.5 cm in
diameter. Individual bud: Length: 1.2 cm. Width: 0.8
cm.

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 by asexual reproductions by
cuttings carried out in Dresden, Germany. Plants described
were about 9 months old. The color readings were taken
indoors on plants grown in pots in greenhouses during
summer. Color references are primarily to The R.H.S.
Colour Chart of The Royal Horticultural Society of London.

INFLORESCENCE

35 **Flowering:** Continuous through summer until frost.

Borne: Umbel; flower on pedicel, pedicel on peduncle.

Umbel:

Width.—8–9 cm.

Depth.—4 cm.

Number of flowers per umbel 7–9.

Lastingness.—4–6 weeks.

Flowers:

Form.—Zygomorph, semi-double to double.

Size.—Diameter: 5–6 cm. Depth: 1.5 cm.

PLANT

Form: Trailing.

Height from media surface to top of foliage: 12–15 cm.

Height from media surface to top of umbels: 20–23 cm.

Growth: Well-branched, hanging.

Roots: Adventive, 155D, 4 weeks to develop.

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Petals.—Color: Upper surface: 53A. Lower surface: 46B. Quantity: 28, including petaloids. Size: Length: 2.1 cm. Width: 1.2 cm. Shape: Overall: Oval. Apex: Round. Base: Pointed. Margin: Entire. Texture: Velvety.

Petaloids:

Quantity.—13.

Shape.—Irregular.

Color.—Varies between 53A and 46B (both surfaces).

Sepals:

Shape.—Overall: Narrow, linear. Apex: Pointed. Base: Fused.

Color.—Upper Surface: 137D. Lower Surface: 137D.

Size.—Length: 1.4 cm. Width: 0.3 cm.

Pedicel:

Length.—3 cm.

Color.—137B.

Peduncle:

Length.—11 cm.

Color.—137D.

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

REPRODUCTIVE ORGANS

Stamens:

Anthers.—2 mm long.

Filaments.—Length: 7 mm. Color: 59D.

Pollen.—28A.

Pistils:

Number.—One, five parted.

Length.—3 mm.

Stigma.—59A.

Style.—Length: 3 mm. Color: 60D.

Ovaries: Superior, hairy.

Length.—0.4–0.6 cm.

Color.—138D.

Fruit: If present, maximum 5 per flower, 0.4 cm long, 165A.

GENERAL CHARACTERISTICS

1. Velvet burgundy flower color.
2. High degree of doubleness.
3. Good branching.
4. Good rooting.
5. Heat tolerant.
6. Large flowers.
7. Heart-shaped zonation.

I claim:

1. A new and distinct variety of geranium plant substantially as shown and described.

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