



US00PP17698P3

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

(10) **Patent No.: US PP17,698 P3**
(45) **Date of Patent: May 8, 2007**

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

(50) Latin Name: *Pelargonium×hortorum*
Varietal Denomination: **Penlava**

(75) Inventor: **Andrea Michalik**, Dresden (DE)

(73) Assignee: **Elsner pac Jungpflanzen**, Dresden
(DE)

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 1145 days.

(21) Appl. No.: **09/739,023**

(22) Filed: **Dec. 8, 2000**

(65) **Prior Publication Data**

US 2003/0213040 P1 Nov. 13, 2003

(51) **Int. Cl.**
A01H 5/00 (2006.01)

(52) **U.S. Cl.** **Plt./329**

(58) **Field of Classification Search** **Plt./329**
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

PP7,087 P * 12/1989 Hofmann Plt./329
PP9,216 P * 7/1995 Klemm Plt./329
PP10,018 P * 9/1997 Lemon Plt./329
PP12,411 P2 * 2/2002 Hanes Plt./329

OTHER PUBLICATIONS

UPOV ROM GTITM Computer Database GTI Jouve
Retrieval Software 2003/04 Citations) for 'Penlava'.*

* cited by examiner

Primary Examiner—Kent Bell

Assistant Examiner—W. C. Haas

(74) *Attorney, Agent, or Firm*—The Webb Law Firm

(57) **ABSTRACT**

A new and distinct zonal *geranium* plant with intense purple
colored flowers above medium green foliage. The plant
flower is suitable for pot planting and as a bedding plant.

2 Drawing Sheets

1

Botanical classification: *Pelargonium×hortorum*.
Varietal denomination: 'Penlava'.

BACKGROUND OF THE INVENTION

The present invention comprises a new and distinct cul-
tivar of *Pelargonium×hortorum* known by the varietal name
'Penlava'. The new variety was discovered in 1994 in a
selective breeding program in Dresden, Germany. The new
variety is the result of the crossing of dark leafed breeding
varieties. The exact parents are unknown. The new variety
was first asexually reproduced by cuttings in Dresden,
Germany in 1995. The new variety has been trial and field
tested and has been found to retain its distinctive charac-
teristics and remain true to type through successive propaga-
tions.

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 entire plant; and

FIG. 2 is a close-up of the flowers of the new variety.

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 car-
ried out in Dresden, Germany. Plants were grown in green-
house conditions and were nine months old when described.
The color readings were taken outdoors in shadow during

2

summer. Color references are primarily to The R.H.S.
Colour Chart of The Royal Horticultural Society of London.

PLANT

5 Classification:

Botanical.—*Pelargonium×hortorum*.

Commercial.—Zonal *geranium*.

Form: Erect.

Height from media surface to top of foliage: 40 cm.

10 Height from media surface to top of umbel: 50 cm.

Average spread: 30 cm.

Growth: Medium degree of branching.

Strength: Does not require artificial support.

Response time:

15 *Time from cutting until plant is rooted.*—3.5 weeks.

Time from cutting until plant flowers.—3.5 months.

Leaves:

Size.—8–10 cm long; 8 cm wide.

Shape.—Cordate.

20 *Margin.*—Partially toothed.

Texture.—Hairy.

Color.—Green Group 139A with weak zone of 147A.

Ribs and veins.—Color: Brighter than leaf surface.

Petioles:

25 *Color.*—147B.

Length.—6–8 cm.

Diameter.—3 mm.

Strength.—High.

Surface texture.—Rough.

30 Stem/branches:

Length.—20–25 cm.

Width.—10 mm.

Color.—139A.

Internode length.—4–6 cm.

3

THE BUD

Shape when just showing color:

Overall.—Spherical.

Individual bud.—Elliptical.

Color: Green Group 136B.

Size when just showing color:

Umbel.—8–10 cm across.

Individual bud.—1.2 cm long; 0.6–0.8 cm wide.

INFLORESCENCE

Average number of flowers per inflorescence: 10–15.

Blooming habit: Semi-double.

Size of fully open bloom: 4.5 cm across.

Borne: Flowers on umbel; umbel on pedicel; pedicel on peduncle.

Flowers:

Form.—Zygomorph.

Number of petals.—7–9.

Petals.—Length: 25 mm. Width: 23 mm. Shape: Fan-shaped. Margin: Entire. Color: Upper surface: Purple Group 78C. Lower surface: Purple Group 75C.

Eye color.—57A.

Texture and appearance.—Velvety.

Petaloids: Absent.

Pedicel:

Length.—2.0–2.5 cm.

Color.—Reddish-green.

Peduncle:

Length.—10 cm.

Color.—Reddish-green.

4

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

Weather tolerance: Very heat tolerant, not cold tolerant.

Lasting quality: Long-lasting; 4 weeks per umbel.

REPRODUCTIVE ORGANS

Stamens:

Anthers.—3 mm long.

Filaments.—Length: 0.5 cm maximum. Color: White.

Pollen.—Orange.

Pistils:

Number.—Five.

Length.—0.3–0.4 cm.

Stigma.—Pink.

Style.—0.8 cm long.

Shape.—Actinomorphic.

Ovaries:

Color.—Greenish.

Length.—0.4 cm.

Fruit: Very rarely present.

GENERAL CHARACTERISTICS

1. Dark-leaved.
2. Intense flower color with eye.
3. Shiny flower color.
4. Vigorous growth habit.

I claim:

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

* * * * *



Fig. 1



Fig. 2