



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

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(54) **HEUCHERELLA PLANT NAMED**
‘GUNSMOKE’

(50) Latin Name: *Heucherella* hybrid
Varietal Denomination: **Gunsmoke**

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patent is extended or adjusted under 35
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(58) **Field of Classification Search** Plt./441
See application file for complete search history.

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(57) **ABSTRACT**

A new and distinct *Heucherella* plant substantially as shown
and described, characterized by large, rose plum to silver
palmatifid leaves, prominent dark veins in summer through
winter leaves, a large mounding plant habit, grows equally
well in full sun or filtered shade in the Pacific Northwest, and
excellent vigor.

1 Drawing Sheet

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Botanical denomination: *Heucherella* hybrid.
Variety designation: ‘Gunsmoke’.

The present invention relates to a new and distinct cultivar
of *Heucherella* and given the cultivar name of ‘Gunsmoke’.
Heucherella is in the family Saxifragaceae. *Heucherella*
‘Gunsmoke’ originated from a controlled cross between
Heuchera 1053-1 (a proprietary unreleased *Heuchera villosa*
hybrid), as the seed parent, and massed selected proprietary
Tiarella, as the pollen parent.

Compared to the seed parent *Heuchera* 1053-1, the new
variety has leaves that are palmatifid rather than palmately
lobed.

There are no *Heucherella* on the market that are similar.

This new *Heucherella* is distinguished by:

1. large, rose plum to silver palmatifid leaves,
2. prominent dark veins in summer through winter leaves
3. a large mounding plant habit,
4. grows equally well in full sun or filtered shade in the
Pacific Northwest,
5. and excellent vigor.

This new cultivar has been reproduced only by asexual
propagation (division and tissue culture). Each of the progeny
exhibits identical characteristics to the original plant. Asexual
propagation by division and tissue culture using standard
micropropagation techniques with terminal and lateral
shoots, as done in Canby, Oreg., shows that the foregoing
characteristics and distinctions come true to form and are
established and transmitted through succeeding propaga-
tions. The present invention has not been evaluated under all
possible environmental conditions. The phenotype may vary
with variations in environment without a change in the geno-
type of the plant.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 shows a one and a half year old *Heucherella* ‘Gun-
smoke’ in bloom in May, growing in the ground in full sun in
the garden in Canby, Oreg.

FIG. 2 shows the foliage color of a one and a half year old
Heucherella ‘Gunsmoke’ late summer in Canby, Oreg.

DETAILED PLANT DESCRIPTION

The following is a detailed description of the new
Heucherella cultivar based on observations of a two-year-old

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specimens growing in the ground in the garden in Canby,
Oreg. Canby is Zone 8 on the USDA Hardiness map. Tem-
peratures range from a high of 95 degrees F. in August to an
average of 32 degrees F. in January. Normal rainfall in Canby
is 42.8 inches per year. The color descriptions are all based on
The Royal Horticultural Society Colour Chart, 5th edition.

Plant:

Form.—Basal rosette, herbaceous perennial.

Hardiness.—USDA Zone 4 to 9.

Size.—33 cm tall from top of the foliage to the ground
and 64 cm wide.

Habit.—Mounding.

Vigor.—Excellent.

Roots.—Fibrous, freely branching, fine, and white in
color.

Leaf:

Type.—Simple.

Arrangement.—Rosette.

Shape.—Ovate to orbicular.

Lobing/division.—Palmatifid with 5 lobes, the terminal
the longest, each with shallow secondary lobes.

Venation.—Palmate.

Margins.—Crenate.

Apex.—Mucronulate.

Base.—Cordate, sometimes overlapping.

Blade size.—Grows to 19 cm long and 18 cm wide,
usually smaller.

Surface texture.—Both surfaces glandular.

Petiole description.—Grows to 25 cm long and 3.5 mm
wide, glandular hairs, Greyed Orange 177A.

Leaf color.—Spring topside, closest to Greyed Purple
N186C with a silver pink interveinal veil, between
Red Purple 69C and Greyed Purple N187C, bottom
side Greyed Purple 187B; summer topside, veins
Greyed Purple 187A to N186A with silver veil closest
to Greyed Purple N187D, bottom side between
Greyed Purple N186C and Greyed Purple N187C.

Inflorescence:

Size.—3 cm wide and 15 cm long.

Type.—Raceme.

Number of flowers per raceme.—About 30.

Number of racemes.—About 10.

Peduncle.—Grows to 38 cm tall, 3 mm wide at base, Greyed Orange 177A, glandular hairs, no cauline leaves.

Pedicel.—Grows to 4 mm long, with glandular hairs, Greyed Purple 187A. 5

Bloom period.—May to July in Canby, Oreg.

Flower bud:

Size.—1.5 mm wide and 2.7 mm long.

Description.—Glandular puberulent, ovoid. 10

Color.—Bottom $\frac{1}{3}$ Red Purple 69A, top $\frac{2}{3}$ White NN155C.

Flower:

Type.—Perfect.

Shape.—Campanulate. 15

Size.—5 mm deep and 6 mm wide.

Petal description.—5 in number, oblanceolate, 4 mm long and 1 mm wide, tip acuminate, base attenuate, margin entire, glabrous on both sides, White NN155D 20
on both sides.

Calyx description.—3 mm deep and 4 mm wide, with 5 lobes, divided $\frac{1}{2}$ way to the base, campanulate, glandular hairs on outside, glabrous inside, tip obtuse, margin entire, White NN155C on both sides with tips Yellow Green 146A and outside base Red Purple 69D.

Stamen description.—10 in number, filaments 3 mm long, White NN155D, anthers sterile, less than 1 mm, White 155C.

Pistil description.—One central two beaked pistil, 5 mm long, White NN155C.

Fragrance.—None.

Lastingness.—Each raceme blooms for about 2 weeks on the plant.

Fruit and seed: None

Disease and pest tolerance: No known resistances. Excellent disease tolerance to powdery mildew. All *Heucherella* are susceptible to root weevils.

I claim:

1. A new and distinct *Heucherella* plant as herein illustrated and described.

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Figure 1 above. Figure 2 below.

