

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

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(54) **×HEUCHERELLA PLANT NAMED**
‘HERTN041’

(50) Latin Name: **×Heucherella sp.**
Varietal Denomination: **HERTN041**

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OR (US)

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 142 days.

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

(52) **U.S. Cl.** **Plt./263**
(58) **Field of Classification Search** **Plt./263**
See application file for complete search history.

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(57) **ABSTRACT**

A new and distinct cultivar of *×Heucherella* plant substan-
tially as shown and described, characterized by its distinc-
tive soft yellow to lime green foliage with speckles of
maroon along the veins and distinctive lobing.

2 Drawing Sheets

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Botanical denomination: *×Heucherella* sp.
Variety designation: ‘HERTN041’.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct inter-
generic hybrid between *Heuchera* and *Tiarella*, and botani-
cally called *×Heucherella*. This new variety is given the
cultivar name ‘HERTN041’. Both genera, *Heuchera* and
Tiarella, are of the family Saxifragaceae.

The claimed plant resulted from crossing *Heuchera*
‘Amber Waves’ (U.S. Plant Pat. No. 13,348), as the seed
parent, with massed pollen from a group of experimental,
proprietary *Tiarella* hybrids. As such, the exact pollen parent
is unknown.

SUMMARY OF THE INVENTION

This new *Heucherella* is unique in its soft yellow foliage
with specked, maroon markings along the main veins and is
also characterized by:

1. Small, 5-lobed leaves.
2. Unusual white flowers on numerous, short stalks.

The new variety has been reproduced only by sexual
propagation (division and tissue culture). Each of the prog-
eny 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
propagations. 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 genotype of the plant.

BRIEF DESCRIPTION OF THE DRAWING

FIG. 1 shows the two year old plant in April growing in
the ground grown in shade in Canby, Oreg.

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FIG. 2 shows a close up of the leaves in the summer.
FIG. 3 shows a close up of the flowers in early spring.

DETAILED PLANT DESCRIPTION

The following is a detailed description of the new
×Heucherella hybrid based on observations of a three-year-
old specimen grown in the ground in an open air shade house
with 50% shade cover and added irrigation in the summer
months in Canby, Oreg. Canby is Zone 8 on the USDA
Hardiness map. Temperatures 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 Horticul-
tural Society Colour Chart.

Botanical denomination: *×Heucherella* sp.
Variety designation: ‘HERTN041’.
Plant:

Type.—Herbaceous perennial.
Form.—Basal rosette.
Hardiness.—USDA Zone 4.
Size.—20 cm tall from the soil to the top of the foliage
and 50 cm wide.
Vigor.—Excellent.
Roots.—Fibrous, freely branching, fine, and white in
color. Roots develop easily from cuttings.

Leaf:
Type.—Simple.
Arrangement.—Rosette.
Shape.—Ovate.
Lobing /division.—3 to 5 main deeply cut lobes with
each of these coarsely lobed, terminal lobe is the
longest, two main laterals are often at a right angle
to the main lobe.
Venation.—Palmate.
Margins.—Coarsely crenate.
Apex.—Mucronulate.
Base.—Cordate, slightly overlapping.

Blade size.—Ranges from 5 to 8 cm long and 5 to 6.7 cm wide.

Surface texture.—Glandular hairs mostly on back side.

Petiole size.—Ranges from 7 to 13 cm long and 2 mm wide.

Petiole texture.—Glandular hairs.

Petiole color.—Changes from Greyed Red 178A at the base to Yellow Green 145C near leaf blade.

Leaf color.—Leaves open in spring a yellow green with a speckled maroon pattern along veins and become greener with maturity. Spring leaves topside — Yellow Green 145A with speckles of Greyed Purple 187B. Mature leaves topside — Yellow Green 144A with minor speckling. Bottom side — Closest to Yellow Green 145A maturing to Yellow Green 146C.

Inflorescence:

Type.—Thyrse.

Number of flowers.—Ranges from 30 to 70 per thyrse.

Size of inflorescence.—13 cm long and 3 cm wide.

Peduncle.—Grows to 31 cm tall and 2 mm wide, with glandular hairs, and with 0 to 10 leaves (petiole at the bottom and sessile near the top, 5.5 to 1 cm long and 3 to 0.5 cm wide, deeply 5 parted to incised) and 0 to 2 branches. Color — Greyed Orange 176A maturing to Yellow Green 152A except near base where it is Greyed Orange 165A.

Pedice.—Grows to 6 mm long, with glandular hairs, Greyed Orange 174A.

Bloom period.—Early April to late May.

Flower bud:

Size.—2 mm deep and wide.

Description.—Ovoid, side facing, glandular.

Color.—Greyed Yellow 160A.

Flower:

Type.—Perfect, sepals petaloid.

Shape.—Rotate.

Size.—4 mm wide and 3 mm deep.

Petal description.—5 in number, oblanceolate in shape, 1.5 mm long and 0.5 mm wide, Yellow White 158A.

Calyx description.—Rotate, 5 lobed, 5 mm wide and 3 mm deep, glandular on the outside and glabrous on the inside, Yellow White 158A.

Stamen description.—Conspicuously exerted, 10, sterile, thickened, Green Yellow 1D, no anthers.

Pistil description.—Green Yellow 1D overall, 2.5 mm long.

Fragrance.—None.

Lastingness.—A thyrse blooms for about 2 weeks on the plant.

Fruit, seed: None. The plant does not form fruit or seed.

Fertility.—Male and Female sterile.

Disease and pest tolerance: All *Heucherella* are susceptible to root weevils. No problems have been identified for this new cultivar.

COMPARISONS TO SIMILAR \times HEUCHERELLA

Compared to *Heucherella* ‘Sunspot’ (U.S. Plant Pat. No. 14,825), this new cultivar has leaves that are less gold colored and marked red at the veins and the leaf lobes are cut and jagged rather than round.

Compared to the seed parent, *Heuchera* ‘Amber Waves’, the new cultivar has foliage that is more of a yellow green than an amber color, and the leaves of the new variety are not ruffled and uncut like the seed parent.

I claim:

1. A new and distinct cultivar of \times *Heucherella* plant as herein illustrated and described.

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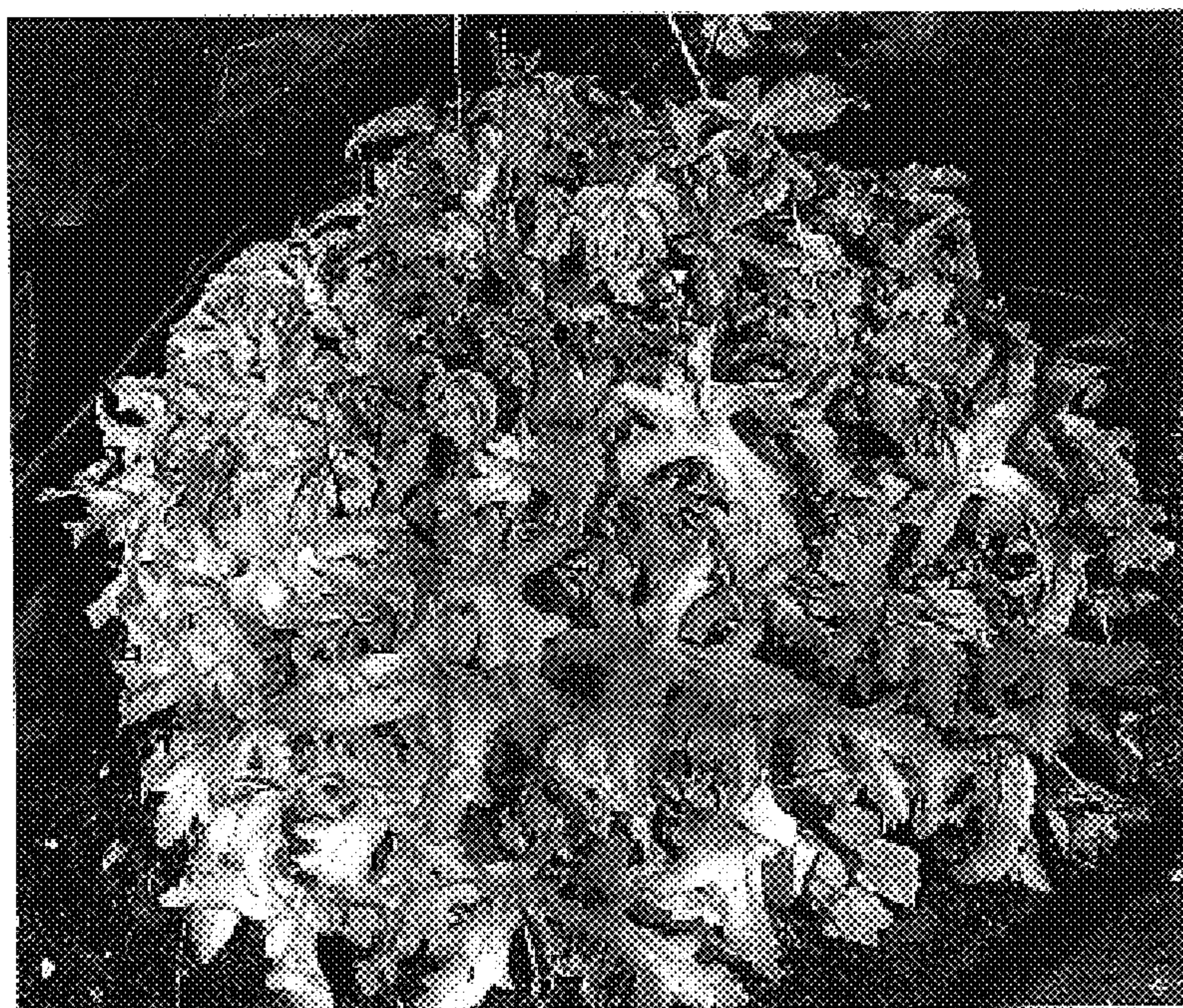


Fig. 1



Fig. 2



Fig. 3

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : PP 17,634 P3
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INVENTOR(S) : Gossett

Page 1 of 1

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

In the Specification:

Line 1, column 24, "sexual" should be --asexual--.

Signed and Sealed this

Twenty-ninth Day of April, 2008

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized, with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS

Director of the United States Patent and Trademark Office