



US00PP27363P2

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

(10) **Patent No.:** **US PP27,363 P2**
(45) **Date of Patent:** **Nov. 8, 2016**

(54) **HEUCHERA PLANT NAMED ‘TOKYO’**

(50) Latin Name: *Heuchera* hybrid
Varietal Denomination: **Tokyo**

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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 81 days.

(21) Appl. No.: **14/545,254**

(22) Filed: **Apr. 13, 2015**

(51) **Int. Cl.**
A01H 5/12 (2006.01)

(52) **U.S. Cl.**
USPC **Plt./440**

(58) **Field of Classification Search**
USPC **Plt./440**
See application file for complete search history.

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(57) **ABSTRACT**
A new and distinct *Heuchera* plant characterized by medium
size yellow-green to green leaves with a white veil, red
flowers on dark scapes, a low mounding habit, and excellent
vigor.

1 Drawing Sheet

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Botanical denomination: *Heuchera* hybrid.
Variety designation: ‘Tokyo’.

BACKGROUND

The present invention relates to a new and distinct cultivar
of *Heuchera* and given the cultivar name of ‘Tokyo’. *Heu-*
chera is in the family Saxifragaceae. *Heuchera* ‘Tokyo’
originated from a planned breeding program for red flow-
ering *Heuchera*. The seed parent was *Heuchera* ‘K652-1’
and the pollen parent was *Heuchera* ‘K680-1’, both propri-
etary, unpatented, unreleased seedlings. The new cultivar
was chosen for its vigor, lime green leaves, and showy red
flowers.

Compared to the seed parent, *Heuchera* ‘K652-1’, the
new cultivar has yellow-green to green rather than mint
green leaves and a clear red rather than a dull red flower.

Compared to the pollen parent, *Heuchera* ‘K680-1’, the
new cultivar has yellow-green to green rather than blue
green leaves and a clear red rather than a burnt red flower.

There are yellow or yellow green foliage *Heuchera* with
red flowers on the market. Compared to *Heuchera* ‘Lip-
stick’, U.S. Plant Pat. No. 22,093, the new cultivar has
medium yellow green to green leaves with a white veil rather
than small blue green leaves.

This new *Heuchera* is uniquely distinguished by:

1. medium size yellow-green to green leaves with a white
veil,
2. red flowers on dark scapes,
3. a low mounding habit,
4. and excellent vigor.

This new cultivar has been reproduced only by asexual
propagation (tip cuttings and tissue culture). Each of the
progeny exhibits identical characteristics to the original
plant. Asexual propagation 2013 by cuttings 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 suc-
ceeding propagations. The present invention has not been

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evaluated under all possible environmental conditions. The
phenotype may change with variations in environment with-
out a change in the genotype of the plant.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 shows a six-month-old plant of *Heuchera* ‘Tokyo’
growing in a one gallon pot outside in the shade in mid-July
in Canby, Oreg.

FIG. 2 shows a three-year-old plant growing in the trial
bed in the shade mid-July in Canby, Oreg.

DETAILED PLANT DESCRIPTION

The following is a detailed description of the new *Heu-*
chera cultivar based on observations of three-year-old speci-
mens growing in shade in the trial bed in early September in
Canby, Oreg. Canby is Zone 8 on the USDA Hardiness map.
Temperatures range from a high of 95° F. in August to an
average of 32° 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,
2007.

Plant:

- Form.*—Basal rosette, herbaceous perennial.
- Hardiness.*—USDA Zone 4 to 9.
- Size.*—26 cm tall from top of the foliage to the soil and
52 cm wide.
- Habit.*—Low mounding.
- Vigor.*—Excellent.

Leaf:

- Type.*—Simple.
- Arrangement.*—Rosette.
- Number.*—About 250.
- Shape.*—Broadly ovate to orbicular.
- Lobing/division.*—7 shallow lobes.
- Venation.*—Palmate.
- Margins.*—Broadly, shallowly crenate.
- Apex.*—Mucronulate.
- Base.*—Cordate, usually overlapping.

Blade size.—Grows to 9.5 cm long and 8.5 cm wide.

Texture.—Supple, leathery.

Surface texture.—Glandular hairs on both sides.

Petiole description.—Grows to 12.5 cm long and 3 mm wide, glandular hairs, Yellow Green 146B.

Leaf color.—Topside, spring Yellow Green 145A including veins and developing a white veil or overlay as it matures, White NN155B, bottom side Yellow Green 145A including vein; summer leaves topside with newest leaves like spring leaves but darken further along veins to Green 137B with veil White NN155B, bottom side Yellow Green 147B including veins; fall to winter leaves topside Green 137B with veil White NN155B, bottom side Yellow Green 147B including veins.

Inflorescence:

Size.—Grows to 5 cm wide and 12 cm long.

Type.—Upright thyrses.

Number of flowers per thyrses.—50 to 100.

Number of thyrses.—About 40.

Peduncle.—Grows to 24 cm long, 3 mm wide at base, glandular hairs, Greyed Purple 187B.

Pedicel.—Variable in size, with glandular hairs, Greyed Purple 187B.

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

Flower bud:

Size.—3 mm wide and 6 mm long.

Description.—Glandular puberulent, tear drop shape, side to down-facing.

Color.—Red 46A.

Flower:

Type.—Perfect.

Shape.—Campanulate.

Attitude.—Side to down-facing.

Size.—6 mm long and 10 mm wide.

Corolla description.—5 petals, 4.5 mm long and 1.5 mm wide, broadly spatulate, margins entire, tip acute, glandular hairs on both sides, both sides Red 53D blending to 53C at base.

Calyx description.—Campanulate, 6 mm long and 10 mm wide, with 5 lobes divided $\frac{1}{5}$ way to the base, each 3 mm wide and 4.5 mm long, glandular hairs both sides, tips acute, margin entire; color inside — Red 51A and outside — Red 53B.

Stamen description.—5 in number, 2 mm long, filaments 2.5 mm long, White NN155C, anthers 0.5 mm, White NN155C, pollen none.

Pistil description.—1, 2-beaked, 4 mm long and 2 mm wide, Yellow Green 145D overall; ovary 2 mm long and 2 mm wide, style 2 mm long.

Fragrance.—None.

Lastingness.—Each thyrses blooms for about 4 weeks on the plant.

Fruit: None, infertile.

Seed: None.

Pest and disease tolerance: The new cultivar is typical to the genus. No problems have been found in Canby, Oreg.

I claim:

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

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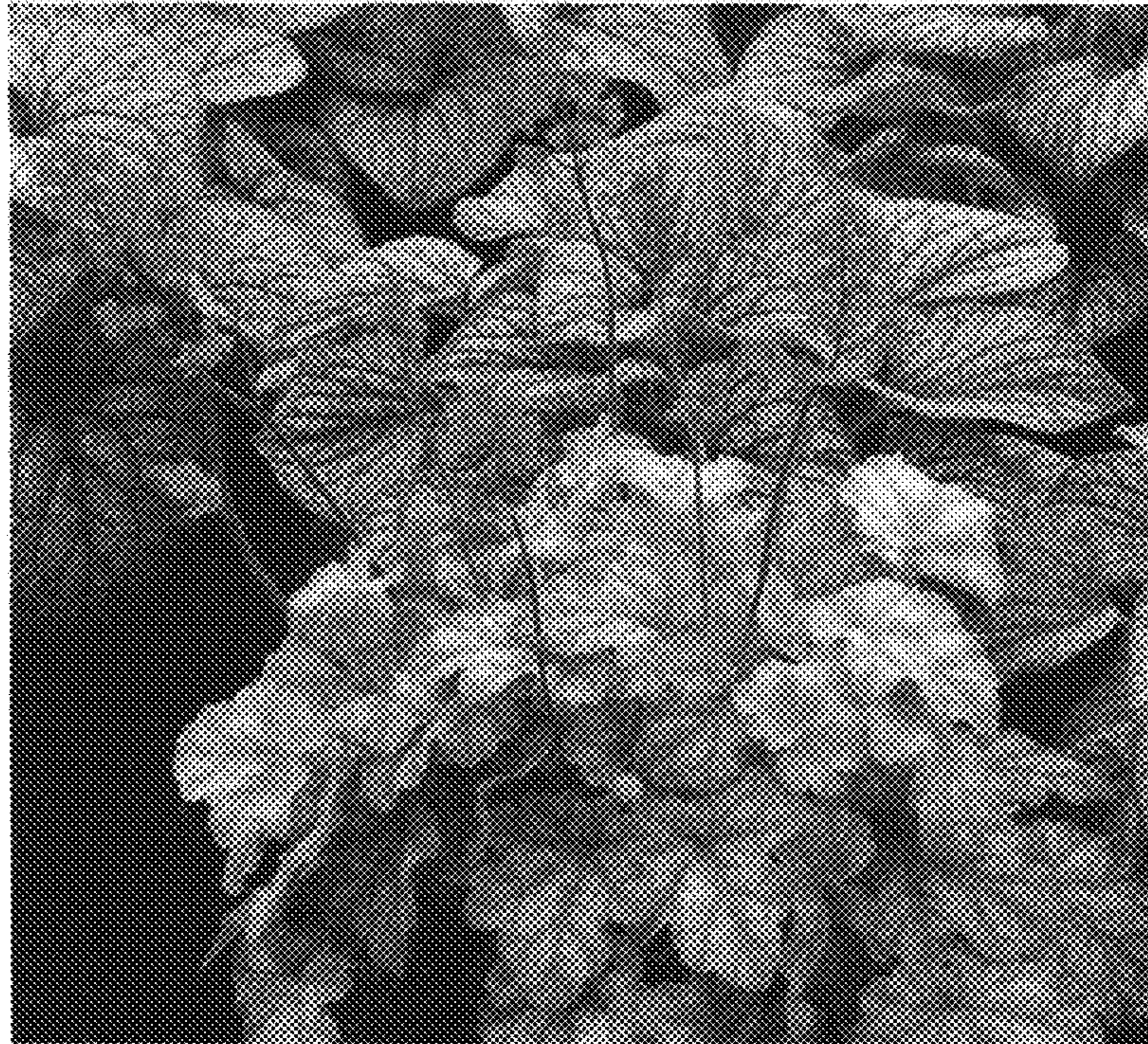


FIG. 1 above, FIG. 2 below

