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**Heims**

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(54) **X HEUCHERELLA PLANT NAMED**  
**'CHOCOLATE LACE'**

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patent is extended or adjusted under 35  
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(57) **ABSTRACT**

A new and distinct hybrid of x Heucherella plant character-  
ized by its distinctive lacy, dark foliage, compact habit, and  
striking white flowers on dark peduncles.

**1 Drawing Sheet**

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Botanical classification: x Heucherella.  
Variety denomination: 'Chocolat Lace'.

**BACKGROUND OF THE INVENTION**

The present invention relates to a new and distinct inter-  
generic hybrid between Heuchera and Tiarella, known by  
the cultivar name 'Chocolate Lace'. Both genera, Heuchera  
and Tiarella, are of the family Saxifragaceae. This interge-  
neric hybrid is known as x Heucherella.

This new cultivar originated from a mass pollination  
using Heuchera as the seed parent and Tiarella as the pollen  
parent. Pollen from selected proprietary Tiarella from inter-  
specific crosses was massed onto plants of selected propri-  
etary Heuchera from interspecific crosses and all the seed  
massed together. As such, no species designations are given.

**SUMMARY OF THE INVENTION**

This new Heucherella is distinguished by:

1. Small, milk chocolate colored leaves shaped like a lacy hawthorn leaf.
2. Striking, red brown peduncles and pedicels.
3. Small, nodding starry white flowers.
4. Repeat blooming, which extends the bloom time.
5. Tight habit.

The new variety has been reproduced only by asexual  
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**

The drawing shows the new plant growing in a one-gallon  
pot in Canby, Oreg.

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**DETAILED PLANT DESCRIPTION**

The following is a detailed description of the new x  
Heucherella hybrid based on observations of three-year-old  
specimens grown in the field in Canby, Oreg. The color  
descriptions are all based on The Royal Horticultural Soci-  
ety Colour Chart.

Botanical: x Heucherella.  
Cultivar name: 'Chocolate Lace'.  
Plant:

*Type*.—Herbaceous perennial.  
*Form*.—Basal rosette.  
*Hardiness*.—USDA Zone 5.  
*Size*.—20 cm tall and 35 cm wide.

Leaf:

*Type*.—Simple.  
*Arrangement*.—Rosette.  
*Shape*.—Ovate.  
*Lobing/division*.—5 to 7 scalloped lobes, the terminal  
lobe cut almost to the base and the secondary lobes  
cut half way to the base. Main lobes are close  
together. Lobes themselves are lobed and crenate.  
*Venation*.—Palmate.  
*Margins*.—Crenate.  
*Apex*.—Mucronulate.  
*Base*.—Cordate.  
*Blade size*.—6.6 cm long and 6 cm wide.  
*Aspect*.—Glossy new leaves and matte old leaves.  
*Texture*.—Puberulous and with glandular hairs. Mar-  
gins and vein undersides hispid.  
*Petiole length*.—10 to 12.3 cm.  
*Petiole texture*.—Hispid and with glandular hairs.  
*Petiole color*.—On young leaf Greyed Orange 177A to  
Grey Brown 199B on older leaf.  
*Leaf color*.—New spring leaves — Between Greyed  
Purple 187A and Brown 200B. Spring leaves —  
Abaxial side — Brown 200B. Adaxial side — Clos-  
est to Greyed Purple 187A. Winter leaves — Grey  
Brown — Closest to Grey 200A.

Inflorescence:

*Type*.—Thyrse.  
*Number of flowers*.—About 100 per thyrse.  
*Peduncle*.—With 1 to 2 leaves and branches. Height —  
33 cm. Diameter — 0.15 cm. Color — Brown 200D.  
*Vestiture* — Glandular hairs.

*Pedicel*.—Length — to 0.35 cm. Vestiture — Glandular hairs. Color — Greyed Purple 187A.

*Bloom period*.—May to frost in Canby, Oreg.

Flower bud:

*Size*.—0.5 cm deep and 0.2 cm wide.

*Description*.—Glandular hairs, downfacing.

*Color*.—Overall a grey pink. Greyed Orange 177C at tips and Red 49C at base.

Flower:

*Type*.—Perfect, zygomorphic, sepals petaloid.

*Shape*.—Rotate.

*Size*.—1 cm wide and 0.4 cm deep.

*Petal count*.—5.

*Petal shape*.—Obovate with a clawed base.

*Petal size*.—0.6 cm long and 1.5 cm wide.

*Petal color*.—White 55D.

*Petal texture*.—Satiny.

*Calyx*.—Petaloid, divided  $\frac{2}{3}$  way to the base, with glandular hairs.

*Calyx shape*.—Campanulate with 5 rounded lobes.

*Calyx size*.—0.5 cm wide and 0.4 cm deep.

*Calyx texture*.—Glandular pubescent.

*Calyx color*.—Outside: Very light pink at base. Red 56D. Tips are Pink (Red 54D) or Brown (Greyed Orange 177C). Inside: Very light pink (Red 49D) with Green (Yellow Green 148B) and sometimes a little Brown 200C tips.

*Stamen number*.—5, sterile.

*Pistil*.—Very light pink. Red 49D.

*Fragrance*.—None.

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

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

*Fertility*.—Sterile.

Disease tolerance: Excellent disease resistance.

#### COMPARISONS TO SIMILAR X HEUCHERELLA

Compared to x Heucherella 'Burnished Bronze', (U.S. Plant Pat. No. 12,159), this new cultivar is more compact with shorter, darker flowering stems and smaller leaves, more cut, lacier leaves. The new cultivar has browner flower buds and larger flowers.

Compared to x Heucherella 'Cinnamon Bear', an unpatented plant, this new cultivar has leaves that are smaller, more lobed and crenate and the main lobes are closer together. The new cultivar has darker flower buds, calyces, and peduncles and the leaf is smaller.

I claim:

1. A new and distinct hybrid of x Heucherella plant substantially as shown and described.

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