

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

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(54) **TIARELLA PLANT NAMED ‘TNTIA041’**

(50) Latin Name: ***Tiarella* hybrid**
Varietal Denomination: **TNTIA041**

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patent is extended or adjusted under 35
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See application file for complete search history.

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(57) **ABSTRACT**

A new and distinct cultivar of *Tiarella* plant characterized its
compact habit with pink buds and very light purple flowers,
and star-shaped leaves with dark speckling along the main
veins.

1 Drawing Sheet

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Botanical denomination: *Tiarella* hybrid.
Variety designation: TNTIA041.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar
of a hardy herbaceous perennial of the genus *Tiarella*, and
known by the cultivar name ‘TNTIA041’. The genus
Tiarella is a member of the family Saxifragaceae.

The new cultivar originated as a cross between unknown
parents. This new *Tiarella* was one of many seedlings grown
from select, proprietary, interspecific hybrids that were
unnamed, experimental varieties that were mass pollinated
in the greenhouse in Canby, Oreg. As such no species
designations are given.

SUMMARY OF THE INVENTION

This plant is characterized by the following:

1. Compact habit.
2. Attractive star-shaped leaf with dark speckling pattern
along the main veins.
3. Pink buds and very light purple flower color.
4. Excellent vigor.

The new variety has been reproduced only by asexual
propagation (division and micropropagation). Each of the
progeny exhibits identical characteristics to the original
plant. Asexual propagation by division and micropropaga-
tion using standard 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
genotype of the plant.

BRIEF DESCRIPTION OF THE DRAWING

FIG. 1 is a picture of a one-and a half year old *Tiarella*
‘TNTIA041’ in bloom in the garden in late May in Canby,
Oreg.

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DETAILED PLANT DESCRIPTION

The following is a detailed description of the new *Tiarella*
hybrid based on observations of three-year-old plants grown
in the garden, in the ground, in shade, under typical outdoor
conditions 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.

Plant:

Type.—Herbaceous perennial.

Hardiness.—USDA Zones 4 to 9.

Form.—Basal clump.

Size.—38 cm. wide and 30 cm. high to the top of the
foliage.

Vigor.—Excellent.

Roots.—Fibrous, freely branching, fine, and white in
color, White 155A. Roots develop easily from divi-
sions.

Foliage:

Type.—Simple.

Arrangement.—Rosette.

Shape.—Ovate in outline.

Lobing.—5 to 7 lobes cut to 1.5 to 2 cm above the
petiole with terminal lobe the longest and prominent
open spaces between the lobes. The sides of each
lobe are almost parallel for most of their length.

Margins.—Jagged, serrate.

Venation.—Palmate.

Apex.—Mucronulate.

Base.—Cordate, not overlapping.

Blade length.—Variable, grows to 14 cm.

Blade width.—Variable, grows to 13 cm.

Surface texture.—Hirsute top and bottom.

Petiole length.—Variable, grows to 21 cm.

Petiole texture.—Strongly pubescent.

Petiole color.—Brown 200B overall.

Leaf color.—Top side — Spring — between Yellow
Green 144A and Green 138A with Greyed Purple
187A on the pattern. Summer and Winter — Yellow

Green 146B with Brown 200A along main veins.
Bottom side — Yellow Green 147B year round.

Inflorescence:

Type.—Raceme.

Number of raceme in first spring flush.—85.

Flower number.—60 per raceme.

Bloom period.—April to May with sporadic rebloom throughout the summer and fall.

Peduncle.—With 0 to 3 flowering branches. Height — 38 cm. Width — 2.5 mm at the widest point. Color — Brown 200C. Texture — Hispid.

Pedicel.—Size — 8 mm long and 1 mm wide. Texture — Glandular hairs. Color — Greyed Red 182B.

Bloom time.—April to May and sporadic bloom through the summer.

Flower bud:

Size.—4 mm deep and 2 mm wide.

Description.—Ovoid, downfacing unil open.

Color.—Pink, Greyed Purple 186D.

Flower:

Type.—Perfect, actinomorphic, sepals petaloid.

Shape.—Rotate.

Petal and sepal number.—5 petals, 5 fused sepals.

flower size.—8 mm wide and 5 mm deep including stamens.

Petal shape.—Lanceolate with a clawed base, margins entire, apex acute.

Petal size.—3 mm long and 1 mm wide.

Petal color.—White 155B on both sides.

Calyx.—Petaloid, parted almost to the base, lobes lanceolate, tips acute, margins entire, sepals 2 mm long and 1 mm wide, outside with purple tipped glandular hairs, inside glabrous.

Calyx color.—Very light purple, Purple 75D, slightly darker on outside.

Stamens.—10, conspicuously exerted.

Filaments.—White 155B, 3.5 mm long.

Anthers undehisced.—Orange Red 31B, 1.2 mm long.

Pollen.—Red Orange 32B, average amount.

Pistil.—White 155A overall with a few purple tipped glandular hairs on style, style 3 mm long.

Fragrance.—Slight.

Fruit:

Type.—A one-celled capsule, beak-like, composed of two unequal parts.

Size.—8 mm long.

Color.—Brown 200C.

Seeds:

Color.—Black 202A.

Shape.—Minute, oval, 1 mm long.

Fertility.—Fertile.

Disease and pest tolerance: This new hybrid shows good powdery mildew tolerance, the main problem for *Tiarella*. All *Tiarella* are susceptible to root weevils.

COMPARISONS WITH SIMILAR *TIARELLA*

Compared with *Tiarella* ‘Spring Symphony’ (U.S. Plant Pat. No. 12,397), *Tiarella* ‘TNTIA041’ has larger leaves that aren’t as deeply divided. It has serrate margins, and a larger habit.

Compared to *Tiarella* ‘Pink Bouquet’ (an unpatented plant), the new variety has narrower leaf lobes, larger leaves, and a stronger pattern along the veins.

Compared with *Tiarella* ‘Ninja’ (U.S. Plant Pat. No. 11,168), *Tiarella* ‘TNTIA041’ has narrower leaf lobes, darker flowers, and the plant is more compact.

I claim:

1. A new and distinct cultivar of *Tiarella* plant substantially as illustrated and described.

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