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(54) **LOBULARIA PLANT NAMED ‘BALBEEZINK’**

(50) Latin Name: *Lobularia maritima*
Varietal Denomination: **Balbeezink**

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patent is extended or adjusted under 35
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(52) **U.S. Cl.**
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CPC *A01H 5/02* (2013.01)

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

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(57) **ABSTRACT**

A new and distinct cultivar of *Lobularia* plant named
‘Balbeezink’, characterized by its very light purple-colored
flowers, medium green-colored foliage, moderately vigor-
ous, mounded-spreading growth habit, is disclosed.

1 Drawing Sheet

1

Latin name of genus and species of plant claimed: *Lobularia maritima*.
Variety denomination: ‘Balbeezink’.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar
of *Lobularia* plant botanically known as *Lobularia maritima*
and hereinafter referred to by the cultivar name ‘Bal-
beezink’.

The new cultivar originated in a controlled breeding
program in Arroyo Grande, Calif. during October 2014. The
objective of the breeding program was the development
Lobularia cultivars that have an extended flowering season
and a moderately vigorous, mounded-spreading growth
habit.

The new *Lobularia* cultivar is the result of open-pollina-
tion. The female (seed) parent of the new cultivar is the
proprietary *Lobularia maritima* breeding selection coded
BW036-001, not patented, characterized by its light laven-
der-colored flowers, medium green-colored foliage, and
moderately vigorous, compact, mounded-spreading growth
habit. The male (pollen) parent of the new cultivar is
unknown. The new cultivar was discovered and selected as
a single flowering plant within the progeny of the above
stated open-pollination during July 2015 in a controlled
environment in Arroyo Grande, Calif.

Asexual reproduction of the new cultivar by terminal stem
cuttings since July 2015 in Arroyo Grande, Calif. and West
Chicago, Ill. has demonstrated that the new cultivar repro-
duces true to type with all of the characteristics, as herein
described, firmly fixed and retained through successive
generations of such asexual propagation.

SUMMARY OF THE INVENTION

The following characteristics of the new cultivar have
been repeatedly observed and can be used to distinguish
‘Balbeezink’ as a new and distinct cultivar of *Lobularia*
plant:

2

1. Very light purple-colored flowers;
2. Medium green-colored foliage;
3. Moderately vigorous, mounded-spreading growth habit.

5 Plants of the new cultivar differ from plants of the female
parent primarily in having a different flower color, and more
prolific flowering.

10 Of the many commercially available *Lobularia* cultivars,
the most similar in comparison to the new cultivar is
BLUSHING PRINCESS ‘Inlbublupr’, U.S. Plant Pat. No.
24,516. However, in side by side comparisons, plants of the
new cultivar differ from plants of ‘Inlbublupr’ in at least the
following characteristics:

- 15 1. Plants of the new cultivar have slightly larger flower
diameter than plants of ‘Inlbublupr’;
2. Plants of the new cultivar are shorter and narrower than
plants of ‘Inlbublupr’; and
3. Plants of the new cultivar have a flower color that is
slightly different from plants of ‘Inlbublupr’.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

25 The accompanying photographs show, as nearly true as it
is reasonably possible to make the same in color illustrations
of this type, typical flower and foliage characteristics of the
new cultivar. Colors in the photographs differ slightly from
the color values cited in the detailed description, which
accurately describes the colors of ‘Balbeezink’. The plants
were grown in 4-inch containers for approximately 7 weeks
in a glass-covered greenhouse in West Chicago, Ill. Plants
were given one pinch one week after transplant.

30 FIG. 1 illustrates a side view of the overall growth and
flowering habit of ‘Balbeezink’.

FIG. 2 illustrates a close-up view of the inflorescences of
‘Balbeezink’.

DETAILED BOTANICAL DESCRIPTION

The new cultivar has not been observed under all possible
environmental conditions to date. Accordingly, it is possible

that the phenotype may vary somewhat with variations in the environment, such as temperature, light intensity, and day length, without, however, any variance in genotype.

The chart used in the identification of colors described herein is The R.H.S. Colour Chart of The Royal Horticultural Society, London, England, 2015 edition, except where general color terms of ordinary significance are used. The color values were determined in November 2017 under natural light conditions in West Chicago, Ill.

The following descriptions and measurements describe plants produced from cuttings from stock plants and grown in a glass-covered greenhouse under conditions comparable to those used in commercial practice. The plants were grown in West Chicago, Ill. in 4-inch pots for 7 weeks utilizing a soilless growth medium. Plants were given one pinch one week after transplant. Greenhouse temperatures were maintained at approximately 68° F. to 72° F. (20° C. to 22° C.) during the day and approximately 64° F. to 66° F. (18° C. to 19° C.) during the night. Supplemental lighting was used. Measurements and numerical values represent averages of typical plants.

Botanical classification: *Lobularia maritima* 'Balbeezink'.

Parentage:

Female parent.—Proprietary *Lobularia maritima* breeding selection coded BW036-001, not patented.

Male parent.—Unknown.

Propagation:

Type cutting.—Terminal stem.

Time to initiate roots.—Approximately 6 to 9 days.

Time to produce a rooted cutting.—Approximately 21 to 28 days.

Root description.—Fine, fibrous.

Rooting habit.—Freely branching.

Plant description:

Commercial crop time.—Approximately 4 to 5 weeks from a rooted cutting to finish in a 10 cm pot.

Growth habit and general appearance.—Annual, moderately vigorous, mounded-spreading.

Size.—Height from soil level to top of plant plane: Approximately 8.0 cm. Width: Approximately 21.0 cm.

Branching habit.—Freely branching, pinching improves basal branching. Quantity of main branches per plant: Approximately 6.

Branch.—Shape: Rounded and slightly ribbed. Strength: Strong, flexible. Length to base of inflorescence: Approximately 7.0 cm. Diameter: Approximately 2.5 mm. Length of central internode: Approximately 1.0 mm. Texture: Densely pubescent with appressed hairs. Color of young stems: 146C. Color of mature stems: 146B.

Foliage description:

General description.—Quantity of leaves per main branch: Approximately 6. Fragrance: None detected. Form: Simple. Arrangement: Alternate.

Leaves.—Aspect: Petiole at acute angle to stem, tips downward turning with age. Shape: Lanceolate. Margin: Entire. Apex: Acute. Base: Attenuate. Venation pattern: Pinnate. Length of mature leaf: Approximately 3.0 cm to 3.5 cm. Width of mature leaf: Approximately 7.0 mm to 8.0 mm. Texture of upper and lower surfaces: Moderately pubescent with appressed hairs. Color of upper surface of young and mature foliage: 137B with midvein of 146C, other venation indistinguishable. Color of

lower surface of young and mature foliage: Closest to 138A with midvein of 146D, other venation indistinguishable.

Petiole.—Length: Approximately 8.0 mm. Width: Approximately 2.0 mm. Texture: Moderately pubescent with appressed hairs. Color: 146D.

Flowering description:

Flowering habit.—'Balbeezink' is freely flowering under outdoor growing conditions with substantially continuous blooming throughout the spring.

Lastingness of individual flower on the plant.—Approximately 4 to 5 days.

Inflorescence description:

General description.—Type: Terminal corymb. Quantity per plant: Approximately 30. Fragrance: Sweetly fragrant. Length or height: Approximately 3.0 cm. Width: Approximately 2.3 cm. Quantity of fully open flowers per inflorescence: Approximately 30.

Peduncle.—Strength: Strong, flexible. Length: Approximately 1.0 cm. Diameter: Approximately 2.0 mm. Texture: Glabrous. Color: 146B.

Flower description:

Type.—Small, cruciferous flowers, freely flowering, not persistent.

Bud.—Rate of opening: Generally takes 2 to 3 days for bud to progress from first color to fully open flower.

Bud just before opening.—Shape: Globose. Diameter: Approximately 2.0 mm. Color: Sepals of 146B; petals of 158B.

Corolla.—Shape: Cruciform lobes with claws surrounded by calyx. Aspect: Facing upward and outward. Width: Approximately 6.0 cm. Depth: Approximately 2.0 mm.

Petals.—Quantity: 4. Shape: Ovate. Margin: Entire. Apex: Obtuse. Base: Attenuate. Length of lobe: Approximately 3.0 mm. Width of lobe: Approximately 3.0 mm. Length of claw: Approximately 1.0 mm. Width of claw: Less than 1.0 mm. Color of upper surface of lobe when first open: NN155D heavily tinted with 84B. Color of lower surface of lobe when first open: NN155D tinted with 84B. Color of upper surface of lobe when fully open: NN155D heavily tinted with 84C to 84D. Color of lower surface of lobe when fully open: NN155D tinted with 84D. Color of upper and lower surfaces of claw: 146D.

Calyx.—Shape: Cupped. Diameter: Approximately 3.0 mm.

Sepals.—Quantity per flower: 4, distinct. Shape: Elliptic. Margin: Entire. Apex: Acute. Base: Truncate. Length: Approximately 2.0 mm. Width: Approximately 1.0 mm. Texture of inner surface: Glabrous. Texture of outer surface: Moderately pubescent with appressed hairs. Color of inner and outer surfaces: Centers of 146B; margins of NN155D.

Pedicel.—Strength: Strong, flexible. Aspect: Acute angle to perpendicular to peduncle. Length: Approximately 9.0 mm. Diameter: Less than 1.0 mm. Texture: Densely pubescent with appressed hairs. Color: 146B.

Reproductive organs.—Androecium: Stamen quantity: 6 per flower. Stamen length: Approximately 1.5 mm, 1 pair slightly shorter and inserted lower. Filament color: 145C. Anther shape: Bitheous, dorsifixed. Anther color: 16C. Pollen amount: Sparse. Pollen

color: 16D. Gynoecium: Pistil quantity: 1 per flower, ovary superior. Pistil length: Approximately 1.5 mm. Stigma shape: Capitate. Stigma color: 145B. Style color: 145C. Style length: Less than 1.0 mm. Ovary diameter: Approximately 1.0 mm. Ovary texture: Densely pubescent with appressed hairs. Ovary color: 145B.

Seed and fruit production: Neither seed nor fruit production has been observed.

Disease and pest resistance: Resistance to pathogens and pests common to *Lobularia* has not been observed.

What is claimed is:

1. A new and distinct cultivar of *Lobularia* plant named 'Balbeezink', substantially as herein illustrated and described.

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FIG. 1

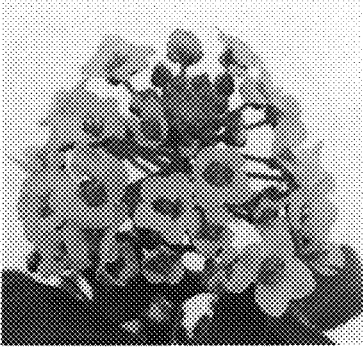


FIG. 2