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

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(54) **BEGONIA PLANT NAMED ‘BKPBECSA’**

(50) Latin Name: *Begonia hiemalis*
Varietal Denomination: **BKPBECSA**

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patent is extended or adjusted under 35
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(51) **Int. Cl.**
A01H 5/00 (2006.01)

(52) **U.S. Cl.**
USPC **Plt./348**

(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 *Begonia* plant named ‘BKP-
BECSA’, characterized by its broadly upright, somewhat out-
wardly spreading and mounded plant habit; moderately freely
basal branching habit; medium-size leaves; uniform and
freely flowering habit; and flowers that are salmon pink in
color on both the upper and lower surfaces.

2 Drawing Sheets

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Botanical designation: *Begonia hiemalis*.
Cultivar denomination: ‘BKPBECSA’.

CROSS-REFERENCED TO CLOSELY RELATED
APPLICATIONS

Title: *Begonia* Plant Named ‘BKPBEELA’ (U.S. Plant
patent application Ser. No. 13/507,634).
Applicant: Annie Cornelia Beekenkamp.
Filed: Concurrently with this application.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar
of *Begonia* plant, botanically known as *Begonia hiemalis*,
commercially referred to as a *Elatior Begonia* and hereinafter
referred to by the name ‘BKPBECSA’.

The new *Begonia* plant is a product of a planned breeding
program conducted by the Inventor in Amstelveen, The Neth-
erlands. The objective of the breeding program was to
develop new freely branching and freely flowering *Begonia*
plants with attractive foliage and flower colors.

The new *Begonia* plant originated from a cross-pollination
made by the Inventor in September, 2006 of a proprietary
selection of *Begonia hiemalis* identified as code number
06-289-03, not patented, as the female, or seed, parent with a
proprietary selection of *Begonia hiemalis* identified as code
number 6500604, not patented, as the male, or pollen, parent.
The new *Begonia* plant was discovered and selected by the
Inventor as a single flowering plant from within the progeny
of the stated cross-pollination in a controlled greenhouse
environment in Amstelveen, The Netherlands in October,
2007.

Asexual reproduction of the new *Begonia* plant by tip
cuttings in a controlled greenhouse environment in
Amstelveen, The Netherlands since February, 2008 has
shown that the unique features of this new *Begonia* plant are
stable and reproduced true to type in successive generations.

SUMMARY OF THE INVENTION

Plants of the new *Begonia* have not been observed under all
possible environmental conditions and cultural practices. The

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phenotype may vary somewhat with variations in environ-
mental conditions such as temperature and light intensity,
without, however, any variance in genotype.

The following traits have been repeatedly observed and are
determined to be the unique characteristics of ‘BKPBECSA’.
These characteristics in combination distinguish ‘BKP-
BECSA’ as a new and distinct *Begonia* plant:

1. Broadly upright, somewhat outwardly spreading and
mounded plant habit.
2. Moderately freely basal branching habit.
3. Medium-size leaves.
4. Uniform and freely flowering habit.
5. Flowers that are salmon pink in color on both the upper
and lower surfaces.

Plants of the new *Begonia* can be compared to plants of the
female parent selection. Plants of the new *Begonia* differ
primarily from plants of the female parent selection primarily
in the following characteristics:

1. Leaves of plants of the new *Begonia* are lighter green in
color than leaves of plants of the female parent selection.
2. Leaves of plants of the new *Begonia* are glabrous
whereas leaves of plants of the female parent selection
are slightly pubescent.
3. Plants of the new *Begonia* and the female parent selec-
tion differ in flower color as plants of the female parent
selection have yellow-colored flowers.

Plants of the new *Begonia* can be compared to plants of the
male parent selection. Plants of the new *Begonia* differ pri-
marily from plants of the male parent selection in the follow-
ing characteristics:

1. Plants of the new *Begonia* have darker green-colored
leaves than plants of the male parent selection.
2. Plants of the new *Begonia* have double type flowers
whereas plants of the male parent selection have single
type flowers.
3. Plants of the new *Begonia* have larger flowers than plants
of the male parent selection.

Plants of the new *Begonia* can be compared to plants of the
Begonia ‘BKPBEELA’, disclosed in U.S. Plant Patent appli-

cation Ser. No. 13/507,634. Plants of the new *Begonia* and 'BKPBEELA' differ primarily in the following characteristics:

1. Plants of the new *Begonia* flower about five days later than plants of 'BKPBEELA'.
2. Plants of the new *Begonia* are not as freely flowering as plants of 'BKPBEELA'.

Plants of the new *Begonia* can also be compared to plants of the *Begonia* 'Ceveca', not patented. In side-by-side comparisons conducted in Amstelveen, The Netherlands, plants of the new *Begonia* differed from plants of 'Ceveca' in the following characteristics:

1. Plants of the new *Begonia* were not as compact as plants of 'Ceveca'.
2. Plants of the new *Begonia* had lighter-colored leaves than plants of 'Ceveca'.
3. Plants of the new *Begonia* and 'Ceveca' differed in flower color as plants of 'Ceveca' had bright pink-colored flowers.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

The accompanying colored photographs illustrate the overall appearance of the new *Begonia* plant showing the colors as true as it is reasonably possible to obtain in colored reproductions of this type. Colors in the photographs may differ slightly from the color values cited in the detailed botanical description which accurately describe the colors of the new *Begonia* plant.

The photograph on the first sheet comprises a side perspective view of a typical flowering plant of 'BKPBECSA' grown in a container.

The photograph on the second sheet is a close up view of the upper and lower surfaces of typical flower buds, flowers and leaves of 'BKPBECSA'.

DETAILED BOTANICAL DESCRIPTION

Plants used for the aforementioned photographs and following observations and measurements were grown in 12-cm containers during the winter in a glass-covered greenhouse in Maasdijk, The Netherlands. During the production of the plants, day and night temperatures ranged from 18° C. to 19° C. and light levels averaged 7,000 lux. Plants were twelve weeks old when the photographs and the description were taken. In the following description, color references are made to The Royal Horticultural Society Colour Chart, 2007 Edition, except where general terms of ordinary dictionary significance are used.

Botanical classification: *Begonia hiemalis* 'BKPBECSA'.
Parentage:

Female, or seed, parent.—Proprietary selection of *Begonia hiemalis* identified as code number 06-289-03, not patented.

Male, or pollen, parent.—Proprietary selection of *Begonia hiemalis* identified as code number 6500604, not patented.

Propagation:

Type.—By tip cuttings.

Time to initiate roots, summer and winter.—About 20 days at temperatures of about 25° C.

Time to produce a rooted young plant, summer and winter.—About 35 to 36 days at temperatures of about 21° C. to 23° C.

Root description.—Medium in thickness, fibrous; white in color; plants of the new *Begonia* have not been observed to form tubers.

Rooting habit.—Moderate branching; medium density.

5 Plant description:

Plant form and growth habit.—Broadly upright, somewhat outwardly spreading and mounded plant habit; plant shape roughly globular; moderately freely basal branching with about five basal branches per plant; moderately vigorous growth habit.

Plant height.—About 19.8 cm.

Plant width.—About 29.1 cm.

Branch description.—Length: About 10.8 cm. Diameter: About 7 mm. Internode length: About 2.2 cm. Texture: Sparsely pubescent. Aspect: Upright to about 30° from vertical. Color, developing: Close to 144B. Color, fully developed: Between 143B and 144A.

Leaf description.—Arrangement: Alternate, simple. Length: About 10.1 cm. Width: About 7.6 cm. Shape: Broadly ovate. Apex: Broadly acute. Base: Oblique. Margin: Bi-serrate. Texture, upper surface: Smooth, glabrous; velvety. Texture, lower surface: Sparsely pubescent. Venation pattern: Palmate; reticulate. Color: Developing leaves, upper surface: Close to N137A to N137B. Developing leaves, lower surface: Close to 176B to 176C. Fully expanded leaves, upper surface: Darker than between 139A and 147A; venation, close to 143A. Fully expanded leaves, lower surface: Close to 176B; venation, close to 146C. Petioles: Length: About 4.6 cm. Diameter: About 4 mm. Texture, upper and lower surfaces: Sparsely pubescent. Color, upper surface: Close to 146C distally strongly tinged with close to 185A. Color, lower surface: Close to 146C to 146D.

Flower description:

Flowering habit.—Female and sterile male rotate flowers arranged in axillary compound cymes; freely flowering habit with about six flowers per cyme and about 120 flowers developing per plant; flowers face upright to outwardly.

Fragrance.—None detected.

Natural flowering season.—Plants begin flowering about ten weeks after planting; long flowering period, plants flower freely and continuously from spring until autumn in The Netherlands.

Flower longevity.—Individual flowers last about ten days on the plant; flowers not persistent.

Inflorescence height.—About 14.5 cm.

Inflorescence diameter.—About 11.7 cm.

Female flowers.—Diameter: About 4.7 cm. Height: About 3.2 cm. Flower buds: Length: About 2.1 cm. Diameter: About 1.2 cm. Shape: Ovate. Color: Close to 50B. Tepals: Quantity per flower and arrangement: About six in a single whorl. Length: About 3.1 cm. Width: About 2.1 cm. Shape: Ovate to obovate. Apex: Obtuse to abruptly acute. Margin: Entire. Texture, upper and lower surfaces: Smooth, glabrous; slightly velvety. Color: When opening, upper surface: Close to 48C. When opening, lower surface: Close to 48B; towards the base, close to 48A. Fully opened, upper surface: Between 48D and 49A; towards the base, close to 37A; color does not change with development. Fully opened, lower surface: Close to 52C; color does not change with development.

Male flowers.—Diameter: About 6.6 cm. Height: About 1.9 cm. Flower buds: Length: About 1.9 cm. Diameter (flattened): About 1.5 cm. Shape: Broadly ovate to broadly oblong when flattened. Color: Close to 39B. Tepals: Quantity per flower and arrangement: About five in a single whorl. Length: About 3.4 cm. Width: About 2.3 cm. Shape: Ovate to obovate. Apex: Obtuse. Margin: Entire. Texture, upper and lower surfaces: Smooth, glabrous; slightly velvety. Color: When opening, upper and lower surfaces: Close to 39B. Fully opened, upper surface: Close to 48D; towards the base, close to 38A; color does not change with development. Fully opened, lower surface: Close to 48C; towards the base, close to 48A; color does not change with development. Tepaloids: Tepaloid development has been observed only on male flowers of the new *Begonia* plant. Quantity per flower and arrangement: About 18 in several whorls. Length: About 2.2 cm. Width: About 1.1 cm. Shape: Obovate. Apex: Obtuse. Margin: Entire. Texture, upper and lower surfaces: Smooth, glabrous; slightly velvety. Color: When opening, upper surface: Close to 49A; towards the base, close to 13C. When opening, lower surface: Close to 48D. Fully opened, upper surface: Close to 38A; towards the apex, close to 55C; towards the base, close to 13B; color does not change with development. Fully opened, lower surface: Close to 48D; color does not change with development.

Peduncles.—Length: About 7.9 cm. Diameter: About 3 mm. Angle: About 30° from branch axis. Texture: Smooth, glabrous. Color: Close to 152B.

Pedicels.—Length: About 3.2 cm. Diameter: About 1.5 mm. Angle: About 40° from the peduncle axis. Texture: Smooth, glabrous. Color: Close to 173B.

Reproductive organs.—Stamens: Stamen development has not been observed on male flowers of plants of the new *Begonia*. Pistils: Present only on female flowers. Quantity per flower: About six. Length: About 9 mm. Style length: About 4 mm. Style color: Close to 154B. Stigma color: Close to 12A. Ovary color: Between 175A and 180B.

Seeds and fruits.—Seed and fruit development production has not been observed on plants of the new *Begonia*.

Disease & pest resistance: Resistance to pathogens and pests common to *Begonia* has not been observed on plants of the new *Begonia*.

Temperature tolerance: Plants of the new *Begonia* have been observed to tolerate temperatures from about 14° C. to about 35° C.

It is claimed:

1. A new and distinct *Begonia* plant named 'BKPBECSA' as illustrated and described.

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