

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

(10) **Patent No.:** **US PP28,807 P2**
(45) **Date of Patent:** **Dec. 26, 2017**

(54) **IMPATIENS PLANT NAMED “BALBOUCOR”**

(50) Latin Name: *Impatiens*×*hybrida*
Varietal Denomination: **Balboucor**

(71) Applicant: **Ball Horticultural Company**, West
Chicago, IL (US)

(72) Inventor: **Gail Shafer**, Santa Maria, CA (US)

(73) Assignee: **Ball Horticultural Company**, West
Chicago, IL (US)

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

(21) Appl. No.: **15/330,155**

(22) Filed: **Aug. 16, 2016**

(51) **Int. Cl.**
A01H 5/02 (2006.01)

(52) **U.S. Cl.**
USPC **Plt./317**

(58) **Field of Classification Search**
USPC Plt./317
See application file for complete search history.

Primary Examiner — Anne M Grunberg

(74) *Attorney, Agent, or Firm* — Audrey Charles

(57) **ABSTRACT**

A new and distinct cultivar of *Impatiens* plant named
‘Balboucor’, characterized by its medium coral-colored
flowers, medium green-colored foliage, and moderately vig-
orous, compact, mounded-spreading growth habit, is dis-
closed.

1 Drawing Sheet

1

Latin name of genus and species of plant claimed: *Impa-
tiens*×*hybrida*.

Variety denomination: ‘Balboucor’.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar
of *Impatiens* plant botanically known as *Impatiens*×*hybrida*
and hereinafter referred to by the cultivar name ‘Balboucor’.

The new cultivar originated in a controlled breeding
program in Arroyo Grande, Calif. The objective of the
breeding program was the development of *Impatiens* culti-
vars that perform well under both sun and shade conditions
and have a moderately vigorous, compact, mounded-spread-
ing growth habit.

The new *Impatiens* cultivar is a naturally-occurring sport
of Bounce Cherry ‘Balboucher’, U.S. Plant Pat. No. 26,100,
characterized by its dark cherry-red colored flowers,
medium green-colored foliage, and moderately vigorous,
compact, mounded-spreading growth habit. The new culti-
var was discovered as a side shoot and selected during April
2014 in a controlled environment in Arroyo Grande, Calif.

Asexual reproduction of the new cultivar by terminal stem
cuttings since April 2014 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
‘Balboucor’ as a new and distinct cultivar of *Impatiens*
plant:

1. Medium coral-colored flowers;
2. Medium green-colored foliage; and
3. Moderately vigorous, compact, mounded-spreading
growth habit.

2

Plants of the new cultivar differ from plants of the parent
primarily in having a different flower color.

Of the many commercially available *Impatiens* cultivars,
the most similar in comparison to the new cultivar is Bounce
Pink Flame ‘Balboufink’, U.S. Plant Pat. No. 26,010. How-
ever, in side by side comparisons, plants of the new cultivar
differ from plants of ‘Balboufink’ in at least the following
characteristics:

1. Plants of the new cultivar have larger diameter flowers
than plants of ‘Balboufink’; and
2. Plants of the new cultivar have a flower color different
from plants of ‘Balboufink’.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

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 ‘Balboucor’. The plants
were grown in 4.5-inch pots for 9 weeks in a greenhouse in
West Chicago, Ill.

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

FIG. 2 illustrates a close-up view of an individual flower
of ‘Balboucor’.

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 Horticul-
tural Society, London, England, 2015 edition, except where
general color terms of ordinary significance are used. The

color values were determined in June 2016 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 4.5-inch pots for 9 weeks utilizing a soilless growth medium. Greenhouse temperatures were maintained at approximately 66° F. to 70° F. (19° C. to 21° C.) during the day and approximately 58° F. to 62° F. (14° C. to 17° C.) during the night. Greenhouse light levels of 2,500 footcandles to 6,000 footcandles were maintained during the day. Measurements and numerical values represent averages of typical plants.

Botanical classification: *Impatiens*×*hybrida* cultivar Balbocor.

Parentage:

Parent.—Bounce Cherry ‘Balboucher’, U.S. Plant Pat. No. 26,100.

Propagation:

Type cutting.—Terminal stem.

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

Time to produce a rooted cutting.—Approximately 24 to 28 days.

Root description.—Fibrous.

Rooting habit.—Freely branching.

Plant description:

Commercial crop time.—Approximately 6 to 8 weeks from a rooted cutting to finish in a 10 cm pot.

Growth habit and general appearance.—Moderately vigorous, compact, mounded-spreading growth habit.

Size.—Height from soil level to top of plant plane: Approximately 20.0 cm. Width: Approximately 38.0 cm.

Branching habit.—Freely branching. Quantity of main branches per plant: Approximately 4.

Branch.—Strength: Moderately strong. Length: Approximately 19.0 cm. Diameter at central internode: Approximately 5.0 mm. Length of central internode: Approximately 4.5 cm. Texture: Glabrous. Color of young and mature stems: Closest to 146B with an overlay of 187A.

Foliage description:

General description.—Quantity of leaves per main branch: Approximately 10. Fragrance: None. Form: Simple. Arrangement: Whorled with up to 5 leaves per node, opposite if only two leaves at one node.

Leaves.—Aspect: Petiole is at an acute angle to stem and leaves are perpendicular to an obtuse angle to stem. Shape: Elliptic. Margin: Serrulate, ciliate. Apex: Acuminate. Base: Attenuate. Venation pattern: Pinnate. Length of mature leaf at center of stem: Approximately 10.5 cm. Width of mature leaf at center of stem: Approximately 4.5 cm. Texture of upper and lower surfaces: Glabrous. Color of upper surface of young and mature foliage: Closest to 137A with venation of 147B. Color of lower surface of young and mature foliage: Closest to but slightly darker than 191B and venation of 147C.

Petiole.—Length: Approximately 2.0 cm. Diameter: Approximately 3.0 mm. Texture: Glabrous. Color: 147C with a faint overlay of 187C.

Flowering description:

Flowering habit.—‘Balbocor’ is freely flowering under outdoor growing conditions with substantially continuous blooming from spring through autumn and year-round in greenhouse environment.

Lastingness of individual flower on the plant.—Approximately 7 to 9 days.

Flower description:

General description.—Type: Single. Quantity per plant: Approximately 8. Fragrance: None.

Bud.—Rate of opening: Generally takes 1 to 2 days for bud to progress from first color to fully open flower. Quantity showing color per plant: Approximately 3.

Bud just before opening.—Shape: Ovoid. Length: Approximately 1.7 cm. Diameter: Approximately 1.1 cm. Color: 52B.

Corolla.—Shape: Round, cupped when first open with petals flattening with age. Diameter: Approximately 5.8 cm. Depth: Approximately 1.4 cm. Borne: Above the foliage.

Petals.—Quantity: 5. Shape: Obovate. Aspect: Flat. Appearance: Dull. Margin: Entire. Apex: Emarginate. Base of upper petal: Truncate. Base of lateral and lower petals: Attenuate. Length of upper petal: Approximately 2.5 cm. Width of upper petal: Approximately 3.7 cm. Length of lateral petals: Approximately 2.8 cm. Width of lateral petals: Approximately 2.6 cm. Length of lower petals: Approximately 3.3 cm. Width of lower petals: Approximately 3.2 cm. Texture of upper and lower surfaces: Glabrous. Color of upper surface when first and fully open: Upper petal 52A to 52B. Lateral and lower petals 52A to 52B with 61A at base. Color of lower surface when first and fully open: Between 52C and 52D.

Spur.—Quantity: 1 per flower. Length: Approximately 3.8 cm. Diameter at proximal end: Approximately 2.0 mm. Diameter at distal end: Less than 1.0 mm. Texture: Glabrous. Color: 185C with 145B at tip.

Peduncle.—Strength: Moderately strong. Aspect: Acute angle to stem. Length: Approximately 4.5 cm. Diameter: Approximately 2.0 mm. Texture: Glabrous. Color: 145C with a faint overlay of 187C.

Sepals.—Quantity per flower: 4 with one fused to base of upper petal. Sepal arrangement: 1 spurred lower sepal located between 2 side (lateral) sepals. Shape of lateral sepals: Ovate. Shape of lower sepal: Ovate. Apex of all sepals: Acuminate. Length of lateral sepals: Approximately 1.5 cm. Width of lateral sepals: Approximately 6.0 mm. Length of lower sepal: Approximately 1.7 cm. Width of lower sepal: Approximately 1.1 mm. Texture of upper and lower surfaces of all sepals: Glabrous. Color of upper and lower surfaces of lateral sepals: 145D and tips of 146B. Color of upper and lower surfaces of lower sepal: NN155B with a faint overlay of 52D and tip of 146B.

Reproductive organs.—Androecium: Stamen quantity: 5 per flower, fused around pistil at apex. Anther shape: Hooded. Anther length: Approximately 5.0 mm. Anther color: 63A. Filament color: 63A. Pollen amount: Moderate. Pollen color: 155D. Gynoecium: Pistil quantity: 1 per flower. Pistil length: Approximately 5.0 mm. Stigma shape: 5-pointed star. Stigma color: Colorless, transparent. Style color: 146B,

darkens to 137A with age. Ovary texture: Glabrous.
Ovary color: 146C, darkens to 137A with age.
Seed and fruit production: Neither seed nor fruit production
has been observed.
Disease and pest resistance: Resistance to pathogens and 5
pests common to *Impatiens* has not been observed.

What is claimed is:
1. A new and distinct cultivar of *Impatiens* plant named
'Balboucor', substantially as herein illustrated and
described.
* * * * *



FIG. 1

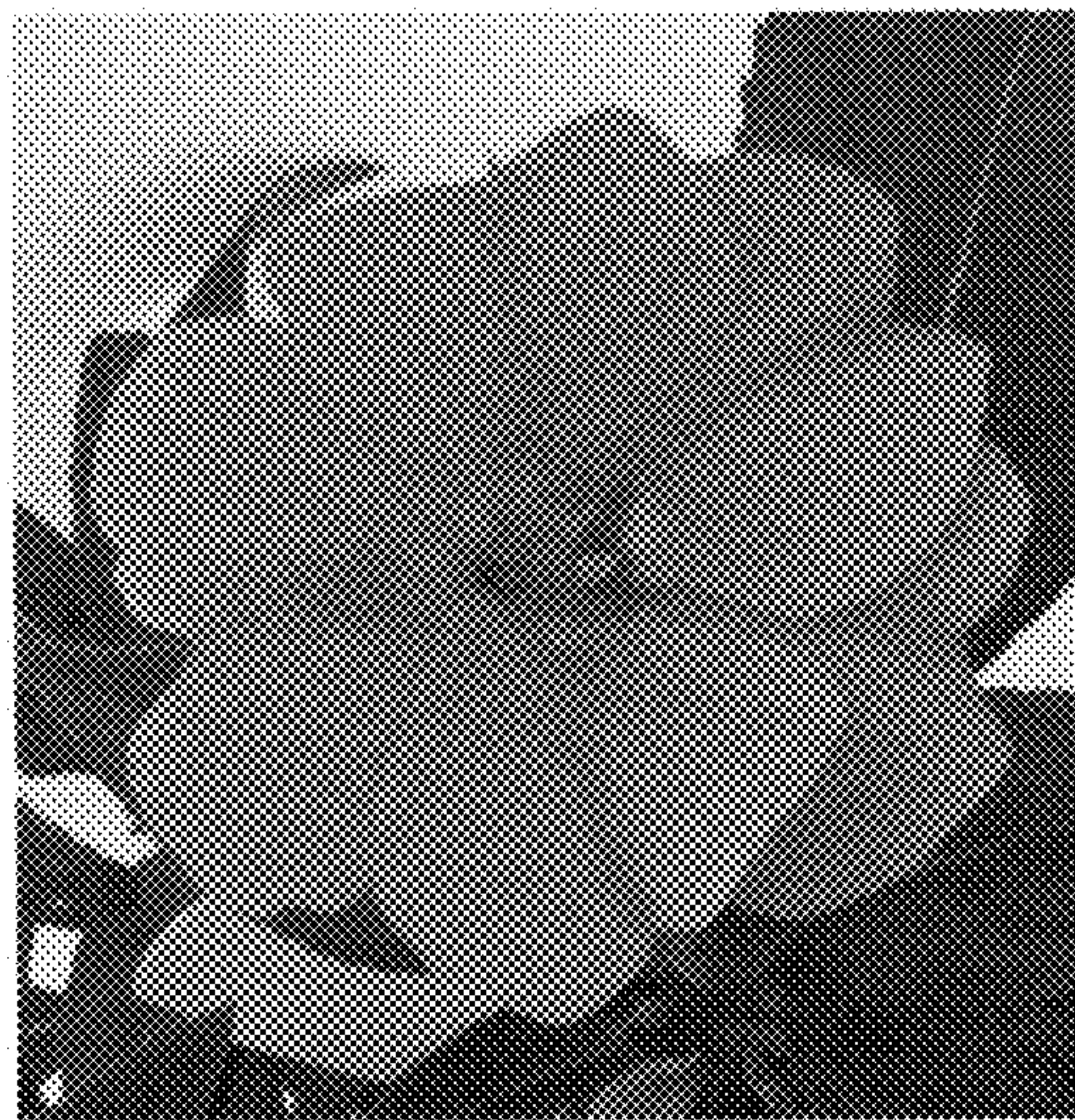


FIG. 2