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**(12) United States Plant Patent**  
**Guillen****(10) Patent No.: US PP15,213 P2**  
**(45) Date of Patent: Oct. 12, 2004****(54) IMPATIENS PLANT NAMED 'BALPIXROPI'****(22) Filed: Mar. 27, 2002****(50) Latin Name: *Impatiens walleriana***  
**Varietal Denomination: Balpixropi****(51) Int. Cl.<sup>7</sup> ..... A01H 5/00****(52) U.S. Cl. .... Plt./317****(58) Field of Search ..... Plt./317****(75) Inventor: Mario Guillen, Cartago (CR)***Primary Examiner*—Kent Bell**(73) Assignee: Ball FloraPlant, a division Ball Horticultural Company, West Chicago, IL (US)****(74) Attorney, Agent, or Firm**—Wood, Phillips, Katz, Clark & Mortimer**(\*) Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.**(57) ABSTRACT**A new and distinct *Impatiens* plant named 'Balpixropi', characterized by its small rose-pink flowers, compact growth habit and dark green leaves.**(21) Appl. No.: 10/109,332****1 Drawing Sheet****1**Latin name of the genus and species of plant claimed:  
*Impatiens walleriana*.

Variety denomination: 'Balpixropi'.

**BACKGROUND OF THE INVENTION**The present invention comprises a new and distinct *Impatiens* plant, botanically known as *Impatiens walleriana* and hereinafter referred to by the cultivar name 'Balpixropi'.'Balpixropi' is a product of a planned breeding program with the objective of developing *Impatiens* cultivars with small flowers and compact growth habits.The female or seed parent of 'Balpixropi' was an unnamed *Impatiens* plant. The male or pollen parent of 'Balpixropi' was a mix of pollen from plants of the *Impatiens* series SUPER ELFIN. The new cultivar was discovered and selected as a single flowering plant within the progeny of the above stated cross during October 1999 in a controlled environment at Elburn, Ill. The new cultivar was initially designated 'BFP-515'.

Asexual reproduction of the new cultivar has been carried out at West Chicago, Ill. by terminal tip cuttings and has demonstrated that the unique characteristics of the new cultivar as herein disclosed are firmly fixed and retained through successive generations of such asexual propagation.

**SUMMARY OF THE INVENTION**

It was found that the cultivar of the present invention:

- (a) exhibits small rose-pink flowers;
- (b) forms dark green foliage;
- (c) exhibits a good basal branching character; and
- (d) exhibits a compact growth habit.

Plants of the new cultivar differ from plants of the female parent plant primarily in leaf and flower color. The new cultivar of the present invention can be compared to 'Fifty Violet' (U.S. Plant Pat. No. 11,577). However, in side-by-side comparisons, plants of the new cultivar are more vigorous and have flowers that are lighter and more pink in color than 'Fifty Violet'.

**2****BRIEF DESCRIPTION OF PHOTOGRAPH**

The accompanying photograph shows 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. The plants were grown for 12 weeks in a greenhouse at West Chicago, Ill.

**DETAILED BOTANICAL DESCRIPTION**

The cultivar 'Balpixropi' 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. The chart used in the identification of colors described herein is The R.H.S. Colour Chart of The Royal Horticultural Society, London, England. The color values were determined on Feb. 12, 2002. The readings were taken between 2:00 and 3:00 p.m. under natural daylight conditions.

Plants used for the following descriptions and measurements were grown in 10 cm pots for 12 weeks from rooted cuttings. The plants were produced from cuttings taken from stock plants and grown in a double poly carbonate covered greenhouse under conditions comparable to those used in commercial practice. A soilless growth medium was utilized while temperatures of approximately 68° to 75° F. (20° to 24° C.) during the day and approximately 55° to 65° F. (13° to 18° C.) during the night and light levels of 4,000 to 6,000 footcandles were maintained.

**Classification:***Botanical.*—*Impatiens walleriana* cultivar 'Balpixropi'.**Parentage:***Female parent.*—Unnamed *Impatiens* plant.*Male parent.*—Mix of pollen from the SUPER ELFIN series of *Impatiens*.**Propagation:***Type cutting.*—Terminal tip.*Time to initiate root.*—Approximately 7 to 10 days.*Time to develop roots.*—Approximately 21 to 30 days.*Root description.*—Fibrous, branching.

## Plant description:

*Crop time.*—Approximately 4 to 6 weeks are required to produce a finished plant from rooted cuttings.

*Habit of growth.*—Compact with good basal branching. Pinching is not required.

*Form.*—Upright and mounded.

*Plant height from soil to top of plant plane.*—A mature plant, 12 weeks after the planting of a rooted cutting, commonly measures approximately 16.3 cm.

*Plant spread.*—Approximately 28.5 cm.

*Lateral branches.*—An average of 8.5 branches per plant, approximately 7.3 cm in length and 5 mm in diameter, glabrous and 146B in color. Internode length at the middle of the branch is approximately 1.6 cm.

*Foliage.*—Arrangement is alternate. Leaves are single, ovate with crenate, ciliate margin, acuminate apex, attenuate base and are at an acute angle to the stem. Upper and lower surfaces are glabrous. Leaf length is approximately 3.3 cm and width is approximately 1.8 cm. The upper surface of mature foliage is 147A and the lower surface is closest to 147B. Both upper and lower surfaces have pinnate venation. Venation of upper surface is 145C and the venation of the lower surface is 138A. The petiole length is approximately 1.6 cm, the diameter is approximately 2 mm and the color is closest to 145C.

## Flowering description:

*Flowering habit.*—Freely flowering.

*Natural flowering season.*—Year round in greenhouse environment and from spring through fall in outdoor garden.

## Flowering description:

*Type.*—Single and persistent.

*Size.*—Diameter. Approximately 2.7 cm. Depth: Approximately 0.5 cm.

*Quantity per plant.*—Approximately 45 fully open flowers at any one time.

*Fragrance.*—None.

*Lastingness of the bloom.*—Approximately 4 to 7 days.

*Aspect.*—Flat.

*Corolla.*—Five petals with entire undulate margin, emarginated apex and attenuate base and smooth texture. Upper petal length is approximately 9 mm and width at widest point is 1.2 cm. Lower and lateral petals are fused at their bases. Lower and lateral petals overlap. Lateral petal length is approxi-

mately 1.4 cm and width at the widest point is approximately 1.1 cm. Lower petal length is approximately 1.3 cm and the width is approximately 9 mm. The color of the upper surface of the petals is closest to 73A with an area at the base of each petal of 71D forming an “eye”. The color of the lower surface of the petals is 72B at the margin gradually fading through 73C in the center to 73D at the base. The petal color fades to between 72A and 72B with age.

*Peduncle.*—Glabrous, at an acute angle to the stem, approximately 1.4 cm in length and 1 mm in diameter. The peduncle color is 144D.

*Flower bud.*—Ovate, approximately 9 mm in length and 5 mm in diameter at first color. The bud color is 72C.

*Sepals.*—Quantity: Four per flower. The upper sepal is fused to the lower surface of the upper petal. The upper sepal length: approximately 7 mm. The upper sepal width: approximately 3 mm. The upper sepal color: 144C with a midrib of 144B. The lateral sepal length: approximately 2 mm. The lateral sepal width: approximately 1 mm. The lateral sepal color: 146D. The lower sepal is modified to form a nectary spur.

*Spur.*—Shape: Sharply curved. Length: approximately 2.4 cm. Diameter at flower: 2 mm. Diameter at tip: 0.6 mm. Color: 146C.

*Reproductive organs.*—Five stamens, 3 mm in length. Anthers are fused around the pistil and the color is 79A. Pollen has not been observed. Pistil number: one per flower. Pistil length: approximately 3 mm. Style length is <1 mm and the color is 59B. Stigma length is <1 mm and the color is 59A. The ovary is 2 mm in length and is 144A in color.

Seed production: Seed production has not been observed.

Disease resistance: Resistance to pathogens has not been observed. Hardiness zone: ‘Balpixropi’ is hardy in zones nine (9) and above.

I claim:

1. A new and distinct cultivar of *Impatiens* plant named ‘Balpixropi’ substantially as herein shown and described, which:

- (a) exhibits small rose-pink flowers;
- (b) dark green foliage;
- (c) a compact growth habit; and
- (d) a good basal branching character.

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