



US00PP16123P2

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

(10) **Patent No.:** **US PP16,123 P2**
(45) **Date of Patent:** **Nov. 15, 2005**

(54) ***PHILODENDRON* PLANT NAMED ‘PASTEL SPORT #2’**

(50) Latin Name: ***Philodendron* hybrid**
Varietal Denomination: **Pastel Sport #2**

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(*) 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.: **10/949,932**

(22) Filed: **Sep. 24, 2004**

(51) **Int. Cl.⁷** **A01H 5/00**

(52) **U.S. Cl.** **Plt./381**

(58) **Field of Search** **Plt./381**

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(57) **ABSTRACT**

A new and distinct cultivar of *Philodendron* plant named
‘Pastel Sport #2’, characterized by its upright and outwardly
spreading plant habit; dark burgundy-colored stems; glossy
leaves that are initially yellow orange with pink-colored
venation; and excellent postproduction longevity.

3 Drawing Sheets

1

Botanical classification/cultivar designation: *Philoden-*
dron hybrid cultivar Pastel Sport #2.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar
of *Philodendron* plant, botanically known as *Philodendron*
hybrid, and hereinafter referred to by the name ‘Pastel Sport
#2’.

The new *Philodendron* is a naturally-occurring whole
plant mutation of the *Philodendron* hybrid cultivar Prince of
Orange, disclosed in U.S. Plant Pat. No. 6,797. The new
Philodendron was discovered by the Inventor in a controlled
environment in Apopka, Fla., as a single plant within a group
of plants of ‘Prince of Orange’ during the fall of 2002. The
selection of this plant was based on its uniquely-colored
leaves.

Asexual propagation of the new cultivar by stem cuttings
and tissue culture in a controlled environment in Apopka,
Fla., since the spring of 2003, has shown that the unique
features of this new *Philodendron* plant are stable and
reproduced true to type in successive generations of asexual
propagation.

BRIEF SUMMARY OF THE INVENTION

The new *Philodendron* has not been observed under all
possible environmental conditions. The phenotype may vary
somewhat with variations in environment such as tempera-
ture 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 the culti-
var Pastel Sport #2. These characteristics in combination
distinguish ‘Pastel Sport #2’ as a new and distinct cultivar:

1. Upright and outwardly spreading plant habit.
2. Dark burgundy-colored stems.
3. Glossy leaves that are initially yellow orange with
pink-colored venation.
4. Excellent postproduction longevity.

Plants of the new *Philodendron* are most similar to plants
of the parent, the cultivar Prince of Orange. Plants of the
new *Philodendron* differ primarily from plants of the culti-
var Prince of Orange in developing leaf coloration as plants

2

of the cultivar Prince of Orange have young leaves that are
dark bronze in color. In addition, plants of the new *Philo-*
dendron have lighter colored stems, petioles, leaf venation
and cataphylls compared to plants of the cultivar Prince of
Orange.

Plants of the new *Philodendron* can also be compared to
plants of the cultivar Variegated Sport #1, disclosed in a U.S.
Plant patent application Ser. No. 10/949,946. In side-by-side
comparisons conducted in Apopka, Fla., plants of the new
Philodendron differed from plants of the cultivar Variegated
Sport #1 primarily in leaf coloration.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

The accompanying colored photographs illustrate the
overall appearance of the new *Philodendron*, 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 *Philodendron*.

The photograph on the first sheet comprises a top per-
spective view of a typical plant of the cultivar Pastel Sport
#2 grown in a container.

The photograph on the second sheet comprises a top
perspective view of a typical plant of the parent, the cultivar
Prince of Orange, grown in a container.

The photograph on the third sheet comprises a close-up
view of the lower surfaces of a fully expanded leaf (left) and
a developing leaf (right) of the cultivar Pastel Sport #2.

DETAILED BOTANICAL DESCRIPTION

The aforementioned photographs and the following
observations and measurements describe eight-month old
plants grown in 20-cm containers in Apopka, Fla., in a
polyethylene-covered greenhouse with day temperatures of
21 to 32° C., night temperatures of 21 to 29° C., and light
levels about 1,500 foot-candles.

In the following description, color references are made to
The Royal Horticultural Society Colour Chart, 1995 Edition,
except where general terms of ordinary dictionary signifi-
cance are used.

Botanical classification: *Philodendron* hybrid cultivar Pastel Sport #2.

Parentage: Naturally-occurring whole plant mutation of *Philodendron* hybrid cultivar Prince of Orange, disclosed in U.S. Plant Pat. No. 6,797.

Propagation:

Method.—By tissue culture.

Time to initiate roots on a meristem-cultured plant.—

About 16 weeks at day temperatures of 32° C. and night temperatures of 21° C.

Time to develop roots on a meristem-cultured plant.—

About 20 weeks at day temperatures of 24° C. and night temperatures of 18° C.

Root description.—Strong, thick and fleshy; roots whitish to brown, towards the apex, pinkish red.

Plant description:

Plant shape.—Upright and outwardly spreading plant habit, inverted triangle, symmetrical; rosette growth habit.

Growth habit.—Leaves closely spaced, bushy and dense growth habit.

Plant height.—About 35 to 43 cm.

Plant diameter or spread.—About 60 to 67 cm.

Stem description.—Length, from soil level to growing point: About 8 cm. Diameter: About 2.5 to 3 cm. Internode length: About 5 to 10 mm. Color: 187A with occasional streaks of 182A; leaf scars, 195A.

Foliage description.—Length: Largest leaves, about 32 to 36 cm; average leaves, about 30 cm. Width: Largest leaves, about 18 cm; average leaves, about 16 cm. Thickness: About 0.8 mm. Shape: Ovate. Apex: Acute. Base: Hastate. Margin: Entire. Aspect: Leaf blade held about 45° from vertical. Texture, upper and lower surfaces: Leathery; glabrous; glossy. Venation: Midvein straight and thick; midvein and primary veins recessed into the upper surface and protruding from the lower surface. Color, newly expanded leaves, upper surface: Brighter and more orange than but closest to 163C; midrib, 179C tinged with 34C; primary veins, 34C. Color, newly expanded leaves, lower surface: 179C tinged with 163C; midrib, 179A to 179B with occasional spots of 180A; primary veins, 179B. Color, expanded leaves (center of plant), upper surface: 151A; midrib, 151C tinged with 179C to 179D; primary veins, 179D. Color, expanded leaves (center of plant), lower surface: Lighter than but closest to 151A suffused with 179B; midrib, 180B with occasional spots of 180A; primary veins, 180B. Color, mature leaves (lowermost on plant), upper surface: Lighter and more green than but closest to 137A; midrib and primary veins, more green than but

closest to 146D. Color, mature leaves (lowermost on plant), lower surface: Darker than but closest to 144A; midrib, 182B often streaked with 178B and 183A with occasional spots of 180A; primary veins, more green than but closest to 144D. Petioles: Length: About 13 cm. Diameter: About 1.2 cm by 1 cm. Color, developing: 180A to 180B with occasional spots and streaks of 187A. Color, fully developed: Darker and green than but closest to 144A tinged with 187B. Cataphylls: Length: About 20 cm. Width, at base: About 5.5 cm. Shape: Triangular; keeled. Apex: Acutely pointed. Margin: Entire. Texture, upper and lower surfaces: Smooth, glabrous. Color, inner surface: 184D streaked with 187A. Color, outer surface: 187A to 187B streaked with 187A.

Inflorescence description:

Inflorescence arrangement.—Spathes and spadices arranged on upright scapes.

Inflorescence longevity.—Inflorescences last on the plant for about three months. Inflorescences persistent.

Time to flower.—Flowering occurs during the winter in Apopka, Fla.

Spathe.—Length: About 15 cm. Width: About 2.7 cm. Shape: Ovate. Apex: Pointed. Base: Cordate to obtuse. Margin: Entire. Texture, inner surface: Smooth, waxy, shiny. Texture, outer surface: Smooth, glossy. Color, inner and outer surfaces: 178A to 178B streaked with 187A.

Spadix.—Length: About 12.5 cm. Diameter: About 1.2 cm. Shape: Columnar, stout. Cross section: Rounded. Color, female flowers: 158B. Color, male flowers: 159D. Female flower diameter: About 1 to 2 mm. Quantity of female flowers per inflorescence: About 500.

Scape.—Length: About 3.5 cm. Diameter: About 1 cm. Color: 187B.

Seed/fruit.—Seed and fruit development on plants of the new *Philodendron* has not been observed.

Disease/pest resistance: Under commercial conditions, plants of the new *Philodendron* have not been observed to be resistant to pathogens or pests common to *Philodendron*.

Temperature tolerance: Plants of the new *Philodendron* have been observed to be tolerant to temperatures ranging from 0 to 40° C.

It is claimed:

1. A new and distinct cultivar of *Philodendron* plant named 'Pastel Sport #2', as illustrated and described.

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