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(12) **United States Plant Patent**
Van Dijk

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(54) **ANTHURIUM PLANT NAMED ‘ANTHEUBP’**

(56) **References Cited**

(50) Latin Name: *Anthurium andreamum L.*
Varietal Denomination: **ANTHEUBP**

PUBLICATIONS

(71) Applicant: **ANTHURA B.V.**, Bleiswijk (NL)

UPOV-PLUTO: Plant Variety Database updated on Aug. 26, 2017, citation for ‘ANTHEUBP’ (1 page).*

(72) Inventor: **Jan Van Dijk**, Bleiswijk (NL)

EU Community Plant Variety Rights Application No. 2014/2822, Application n°A201405135, filed Nov. 6, 2014, 7 pages.

(73) Assignee: **ANTHURA B.V.**, Bleiswijk (NL)

EU Community Plant Variety Office Official Gazette, 1.2015, Feb. 15, 2015, cover page and pp. 29, 52.

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 36 days.

* cited by examiner

(21) Appl. No.: **14/999,718**

Primary Examiner — Susan McCormick Ewoldt

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(74) *Attorney, Agent, or Firm* — Jondle & Associates, P.C.

(65) **Prior Publication Data**

(57) **ABSTRACT**

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A new compact *Anthurium* plant named ‘ANTHEUBP’ particularly distinguished by having shiny, bright pink, orbicular-cordate and very durable large spathes that retain the original color for a very long period of time, dark green and elliptical cordate, durable leaves, white spadix with yellow-green tip, early and rich flowering continuously throughout the year and a plant height of 34.0 cm to 38.0 cm, is disclosed.

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

(52) **U.S. Cl.**
USPC **Plt./367**
CPC **A01H 5/02** (2013.01)

(58) **Field of Classification Search**
USPC **Plt./365, 367**
See application file for complete search history.

3 Drawing Sheets

1

2

Genus and species: *Anthurium andreamum L.*
Variety denomination: ‘ANTHEUBP’.

SUMMARY OF THE INVENTION

BACKGROUND OF THE NEW PLANT

The present invention comprises a new and distinct variety of *Anthurium*, botanically known as *Anthurium andreamum L.*, and hereinafter referred to by the variety name ‘ANTHEUBP’. The new *Anthurium* plant is a product of a planned breeding program conducted by the inventor in Bleiswijk, the Netherlands. The objective of this breeding program was to create a new 34.0 cm to 38.0 cm height plant with bright pink, shiny, orbicular-cordate and very durable spathes that are flowering continuously through the year.

The following are the most outstanding and distinguishing characteristics of this new variety when grown under normal horticultural practices in Bleiswijk, The Netherlands:

- 1) Shiny, bright pink, orbicular-cordate spathe;
- 2) White spadix with yellow tip; and
- 3) Green elliptical leaves.

The new variety originated from a cross-pollination made in November 2008 in Bleiswijk, The Netherlands. The female parent was a red *Anthurium* pot plant designated ‘10520-01’ (unpatented), and the male parent was also a red *Anthurium* pot plant designated ‘9863-01’ (unpatented).

DESCRIPTION OF THE PHOTOGRAPHS

A single plant was selected from the progeny of the stated cross in September 2010 and has been asexually reproduced repeatedly by tissue culture in Bleiswijk, The Netherlands over a 5.5-year period. The present invention has been found to retain its distinctive characteristics through successive asexual propagations.

This new *Anthurium* plant is illustrated by the accompanying photographs which show the overall plant habit including blooms and foliage of the plant; the colors shown are as true as can be reasonably obtained by conventional photographic procedures. The photographs are of a 44-week old plant grown in a greenhouse in Bleiswijk, The Netherlands in March 2016. Colors in the photographs may differ from the color values cited in the detailed botanical description, which accurately describe the actual colors of the new variety.

FIG. 1 shows the overall plant habit, including blooms and foliage.

FIG. 2 shows a close-up of the mature spathe.

FIG. 3 shows a close-up of the upper leaf blade surface.

Plant Breeder’s Rights for this variety have been applied for in the European Union on Nov. 6, 2014. ‘ANTHEUBP’ has not been made publicly available or sold anywhere in the world more than one year prior to the filing of this application.

DESCRIPTION OF THE NEW VARIETY

The following detailed description sets forth the distinctive characteristics of ‘ANTHEUBP’. The data which define

these characteristics were collected from asexual reproductions carried out in Bleiswijk, The Netherlands. The plant history was taken on 44-week old plants which were planted from tissue culture in 14-centimeter (diameter) pots and grown in a glass greenhouse between 19° C. and 24° C. Observations were made in March 2016. Color readings were taken under 5000 lux natural light in the greenhouse. Color references are primarily to The R.H.S. Colour Chart of The Royal Horticultural Society of London (R.H.S.) (2015).

DETAILED BOTANICAL DESCRIPTION

Classification:

Family.—Araceae.

Botanical.—*Anthurium andreaeanum* L.

Common name.—*Anthurium*.

Demonimation.—‘ANTHEUBP’.

Parentage:

Female parent.—*Anthurium* plant ‘10520-01’ (unpatented).

Male parent.—*Anthurium* plant ‘9863-01’ (unpatented).

Plant:

Propagation.—Tissue culture.

Root description.—Fleshy-creamy colored roots with small hairy lateral roots having yellow-colored root tips.

Time to produce a finished flowering plant.—40 to 44 weeks after planting in a 14 cm (diameter) pot.

Growth habit.—Compact with a few shoots.

Height (measured from soil, including inflorescence).—34.0 cm to 38.0 cm.

Width (measured from leaf tips).—42.0 cm to 46.0 cm.

Leaves:

Immature leaves.—Length: 14.0 cm to 16.0 cm. Width: 9.0 cm to 10.0 cm. Color: Upper surface: RHS 146A. Lower surface: RHS 146B. Texture (both upper and lower surfaces): Shiny.

Mature leaves.—Length (fully expanded): 18.0 cm to 21.0 cm. Width: 11.0 cm to 13.0 cm. Shape: Elliptical cordate. Apex: Acuminate. Base: Cordate. Leaf blade angle with the petiole: Between 115 degrees and 125 degrees. Leaf margin: Entire. Color: Upper surface: RHS 147A. Lower surface: RHS 146A. Texture: Shiny, leathery and thick. Venation: Pinnate veining; the mid-vein and primary veins (the veins that radiate out from the junction of petiole and leaf) protrude at the underside of the leaf blade. Venation color: Upper surface: RHS 146A. Lower surface: RHS 144A.

Lobes.—Arrangement: Leaf blade has two lobes extending past the petiole. The lobes are non-touching. Length of lobes of mature leaf blades: 2.5 cm to 3.5 cm. Width of lobes of mature leaf blades: 4.0 cm to 5.0 cm. Distance for petiole/leaf junction to highest point on lobes of mature leaf blades: 1.5 cm to 2.0 cm.

Petiole.—Cross-section: Round. Diameter: 0.33 cm to 0.38 cm. Length: 22.0 cm to 24.0 cm for a mature leaf size. Color: Mature leaf: RHS 144A. Immature leaf: RHS 144B. Cataphyll color surrounding the petiole: Outside: RHS 180C at the base and RHS 144B towards the tip. Inside: RHS 181D.

Geniculum.—Length: 2.0 cm to 2.5 cm. Width: 0.35 cm to 0.4 cm. Color: RHS 144A.

Inflorescence:

Arrangement.—Single.

Flowering habit (length of flowering season).—Continuous.

Number of inflorescences per plant.—5 to 6.

Fragrance.—Absent.

Longevity of inflorescence on plant.—Over a year.

Spathe:

Buds.—The spathe is tightly rolled around the spadix and extrudes from the peduncle sheath. After the spathe is fully open, the peduncle elongates some extra centimeters.

Arrangement.—Spathe angle with the peduncle is between 85 degrees and 95 degrees; the spathe stands on a wiry peduncle about 1.0 cm to 3.0 cm above the foliage.

Shape.—Orbicular cordate.

Apex.—Mucronate.

Base.—Cordate.

Texture.—Shiny and blistered.

Margin.—Entire.

Size.—Length: 10.0 cm to 12.0 cm. Width: 10.5 to 12.5 cm.

Lobes.—Arrangement: The spathe has two lobes extending past the peduncle. The lobes are non-touching. Length: 2.5 cm to 3.5 cm. Width: 5.0 cm to 6.0 cm.

Color.—Just fully open: Upper surface: RHS 51A. Lower surface: RHS 51B. This pink color remains for a very long period, at least more than 30 weeks after opening.

Peduncle:

Shape.—Erect.

Cross-section.—Round.

Length.—28.0 cm to 30.0 cm.

Diameter.—0.35 cm to 0.45 cm.

Color.—RHS 144A.

Flowering time:

General.—One small rooted untreated tissue culture plant of 8.0 cm tall will flower, depending on season, after 38 to 42 weeks and 4 to 5 blossoms will appear. More blossoms appear after some additional weeks so that a full flowering and commercial plant will have 5 to 6 pink spathes. Smaller blossoms may occur on less mature plants.

Spadix:

Size.—Length: 3.5 cm to 4.5 cm (depending on spathe size). Width (at apex): 0.55 cm to 0.6 cm. Width (at base): 0.65 cm to 0.75 cm.

Shape.—Columnar.

Angle from spadix tip to peduncle.—155 degrees to 165 degrees.

Texture.—When the spathe is unfurling the spadix is smooth. When the spadix matures, small stigmata protrude. The stigmata are evenly distributed round the spadix. The spadix matures from base to top, slowly giving the spadix a somewhat rough appearance.

Color.—Immature: RHS 13A and RHS 151B. Mature: RHS 155B. Ages to: RHS N144A.

Flowers:

Quantity per spadix.—250 to 300.

Spadix flower arrangement.—Bisexual, rounded in cross-section.

Shape.—Rounded.

Size.—Length: 0.05 cm to 0.10 cm. Diameter (maximum): 0.10 cm.

Color.—RHS 156D.

Reproductive organs:

Stamens.—Not visible.

Pollen amount.—Absent.

Pistil.—Quantity: Many. Length: Less than 0.01 cm.

Color: RHS 156D.

Style.—Not observed.

Stigma.—Shape: Ovoid. Diameter: Less than 0.01 cm.

Color: RHS 156D.

Ovary.—Rarely visible.

Ovary color.—Not measured.

Fruit and seed set: None observed to date.

COMPARISON WITH PARENTAL AND
COMMERCIAL VARIETIES

‘ANTHEUBP’ differs from the female parent plant ‘10520-01’ (unpatented) in that ‘ANTHEUBP’ has pink, orbicular cordate shaped spathes with mucronate shaped tips, whereas ‘10520-01’ has red, cordate shaped spathes with abruptly acuminate shaped tips.

‘ANTHEUBP’ differs from the male parent plant ‘9863-01’ (unpatented) in that ‘ANTHEUBP’ has pink, orbicular cordate shaped spathes, whereas ‘9863-01’ has red, cordate shaped spathes.

5 ‘ANTHEUBP’ differs from commercial variety ‘ANTHEPDAK’ (U.S. Plant Pat. No. 27,915) in that ‘ANTHEUBP’ has orbicular cordate shaped spathes and elliptical cordate shaped leaves, whereas ‘ANTHEPDAK’ has cordate shaped spathes and narrowly long, cordate
10 shaped leaves.

‘ANTHEUBP’ differs from commercial variety ‘ANTHCOPYLI’ (unpatented) in that ‘ANTHEUBP’ has elliptical cordate shaped leaves and white flowers, whereas ‘ANTHCOPYLI’ has ovate cordate shaped leaves and crème flowers. Additionally, ‘ANTHEUBP’ has spadix that are yellow-green when immature and white when mature, whereas
15 ‘ANTHCOPYLI’ has spadix that are orange-green when immature and light pink when mature.

I claim:

20 1. A new and distinct variety of *Anthurium* plant named ‘ANTHEUBP’, substantially as illustrated and described herein.

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FIG. 1

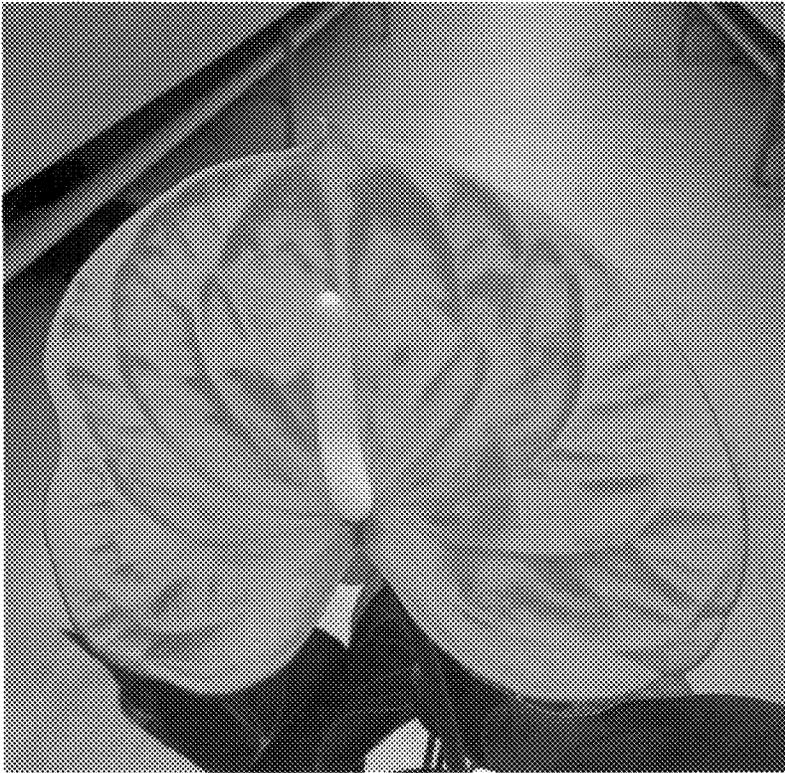


FIG. 2

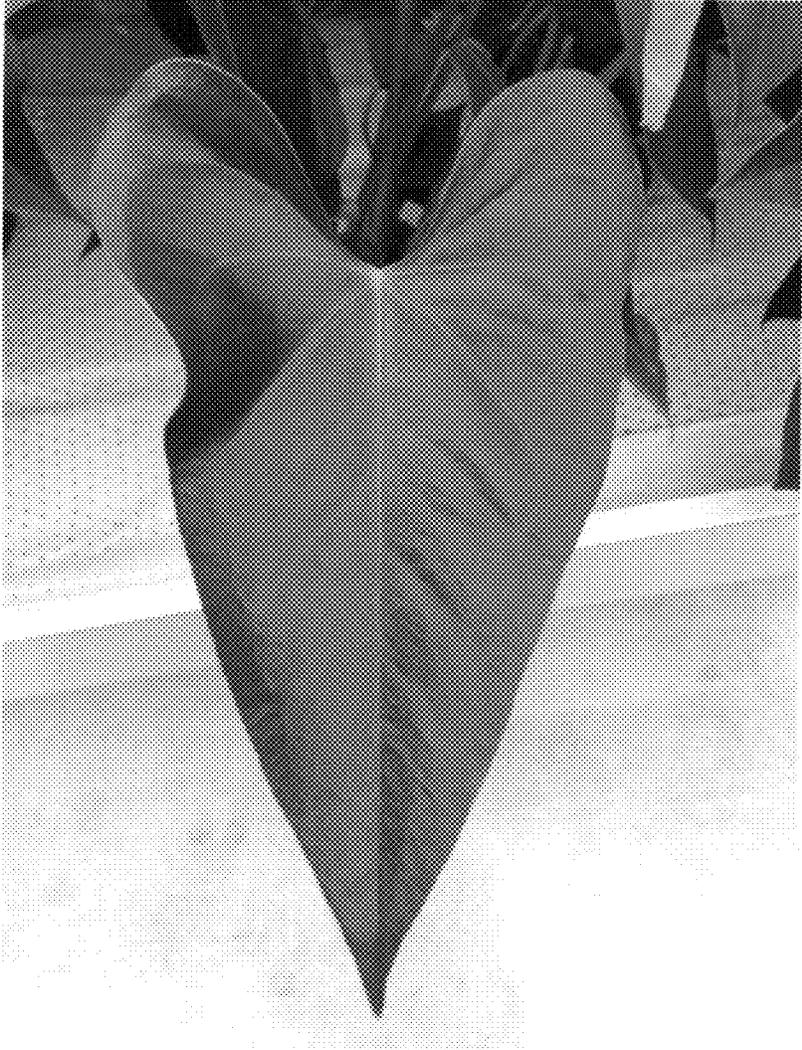


FIG. 3