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[54] **ANTHURIUM PLANT NAMED 'RED LOVE'**

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Related U.S. Application Data

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[58] **Field of Search** **Plt./365, 369, 367,**
Plt./368

[56] **References Cited**

U.S. PATENT DOCUMENTS

P.P. 10,248 2/1998 van Rijn Plt./369

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[57] **ABSTRACT**

A distinct cultivar of Anthurium plant named 'Red Love', characterized by its upright, outwardly arching and freely branching plant habit; dark green leaves that are glossy and cordate in shape; numerous inflorescences that are positioned high above the foliage on long, strong and erect scapes; broad glossy red spathes with auriculate base; and good post-production longevity.

1 Drawing Sheet

1

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar of Anthurium plant, botanically known as *Anthurium andreanum*, and hereinafter referred to by the cultivar name 'Red Love'.

The new Anthurium is a product of a planned breeding program conducted by the inventor in Schipluiden, The Netherlands. The objective of the program is to create new Anthurium cultivars that have a freely branching growth habit, strong plant growth, medium leaf size, rapid growth rate, strong roots, attractive spathe color, numerous inflorescences and good post-production longevity. The new cultivar originated from a cross by the inventor in 1992 of the inventor's proprietary *Anthurium andreanum* selection code number 924 as the female, or seed, parent with the inventor's proprietary *Anthurium andreanum* selection code number 9319 as the male, or pollen, parent. The cultivar 'Red Love' was discovered and selected by the inventor as a plant within the progeny of the stated cross in a controlled environment in Schipluiden, The Netherlands.

Asexual propagation by tissue culture of the new cultivar at Schipluiden, The Netherlands, has shown that the unique features of this new Anthurium plant are stable and reproduced true to type in successive generations of asexual propagation.

BRIEF SUMMARY OF THE INVENTION

The new Anthurium has not been observed under all possible environmental conditions. The phenotype may vary somewhat with variations in environment 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 'Red Love'. These characteristics in combination distinguish 'Red Love' as a new and distinct cultivar:

1. Upright, outwardly arching and freely branching growth habit.
2. Dark green leaves that are glossy and cordate in shape.
3. Numerous inflorescences that are positioned high above the foliage on long, strong and erect scapes.
4. Broad glossy red spathes with auriculate base.

2

5. Good post-production longevity.

The new Anthurium can be compared to its female parent cultivar, the proprietary selection code number 924. Besides differing in leaf and spathe shape, plants of the new Anthurium are different from plants of selection code number 924 in the following characteristics:

1. Plants of the cultivar 'Red Love' are more compact than plants of the selection code number 924.
2. Plants of the cultivar 'Red Love' have smaller leaves than plants of the selection code number 924.

The new Anthurium can be compared to its male parent cultivar, the proprietary selection code number 9319. Besides differing in leaf and spathe shape, plants of the new Anthurium are different from plants of selection code number 9319 in the following characteristics:

1. Plants of the cultivar 'Red Love' have smaller leaves and spathes than plants of the selection code number 9319.
2. Spathe color of plants of the cultivar 'Red Love' is lighter than spathe color of plants of the selection code number 9319.

The new Anthurium can be compared to the Anthurium cultivar 'Laura' (disclosed in U.S. Plant Pat. No. 10,248). Besides spathe shape, plants of the new Anthurium differ from plants of the cultivar 'Laura' in the following characteristics:

1. Plants of the cultivar 'Red Love' are more compact than plants of the cultivar 'Laura'.
2. Plants of the cultivar 'Red Love' have smaller leaves than plants of the cultivar 'Laura'.

BRIEF DESCRIPTION OF THE PHOTOGRAPH

The accompanying colored photograph illustrates the overall appearance of the new cultivar, showing the colors as true as it is reasonably possible to obtain in colored reproductions of this type. The photograph comprises a top perspective view of a typical potted plant of 'Red Love'. Leaf and flower colors in the photographs may appear different from the actual colors due to light reflectance.

DETAILED BOTANICAL DESCRIPTION

In the following description, color references are made to The Royal Horticultural Society Colour Chart except where

general terms of ordinary dictionary significance are used. The following observations and measurements describe plants grown in Schipluiden, The Netherlands, in a glass greenhouse with an average day temperature of 25° C. and an average night temperature of 19° C.

Botanical classification: *Anthurium andreanum* cultivar 'Red Love'.

Parentage:

Seed or female parent.—Inventor's proprietary *Anthurium andreanum* selection code number 924.

Pollen or male parent.—Inventor's proprietary *Anthurium andreanum* selection code number 9319.

Propagation:

Method.—By tissue culture.

Time to initiate roots.—70 and 84 days at 24° C. and 21° C. temperatures, respectively.

Rooting habit.—Freely branching, numerous and very strong fleshy roots.

Plant Description:

Plant shape.—Upright, inverted triangle, symmetrical.

Growth habit.—Erect when young, becoming outwardly arching as leaves develop. Freely branching, bushy and dense. Appropriate for 12 to 30-cm containers.

Plant height.—About 70 cm from soil level to apex of spathes.

Plant vigor.—High.

Growth rate.—Moderate.

Crop time.—About 16 to 17 months are usually required from planting of a young plant to a finished plant.

Stem description.—Diameter: About 1.5 cm. Internode length: About 1 cm.

Foliage description.—Length: About 18 cm. Width: About 12.5 cm. Shape: Cordate. Apex: Apiculate. Base: Auriculate, deeply lobed, not overlapping. Margin: Entire, undulating. Texture: Leathery, flexible, smooth, glabrous, glossy. Surface: Rugose, wavy, midvein prominent. Angle with respect to petiole: Horizontal. Color: Upper surface: Darker than 137A. Lower surface: 144A/146C. Petiole:

Length: About 40 cm. Diameter: Less than 4 mm. Cross-section: Rounded. Color: 144A with slight reddish overtones.

Inflorescence Description:

Inflorescence arrangement.—Spathe with spadix held above the foliage. Flowering structures arise from leaf axils. Freely flowering, numerous inflorescences per plant.

Inflorescence longevity.—Spathe/spadix last about six weeks under winter conditions and up to three or four months under summer conditions; inflorescences persistent.

Flowers.—Quantity of flowers per spadix: Numerous, more than 13 flowers on the middle 2-cm portion of the spadix. Shape: Rounded. Diameter: About 1 mm.

Spathe.—Length: About 9.5 cm. Width: About 11 cm. Height above foliage: About 15 cm. Shape: Broadly cordate. Apex: Acuminate. Base: Auriculate, somewhat lobed, not overlapping. Margin: Entire, flat. Texture: Leathery, glabrous, glossy. Surface: Slightly wavy. Angle with respect to scape: Mostly perpendicular. Color: Front surface: 46B. Back surface: 47B.

Spadix.—Length: About 6.5 cm. Diameter: About 9 mm. Shape: Columnar. Cross section: Rounded. Longitudinal axis: Bent before flowering. Color, just before flowering: Base: Creamy white. Apex: 33B.

Scape.—Length: About 60 cm. Diameter: About 5.5 mm. Aspect: Strong and erect. Color: Green, 144A, with moderate anthocyanin.

Reproductive organs.—Androecium: Pollen color: Cream white. Gynoecium: Stigma shape: Ovoid. Ovary: Protogyneous.

Disease Resistance: Plants of the new *Anthurium* have demonstrated good tolerance to root pathogens common to *Anthuriums*.

Seed Development: Seed development is rarely observed.

It is claimed:

1. A new and distinct cultivar of *Anthurium* plant named 'Red Love', as illustrated and described.

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U.S. Patent

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