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**Jepsen**

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(54) **KALANCHOE PLANT NAMED ‘DICTE’**

(50) Latin Name: *Kalanchoe blossfeldiana*  
Varietal Denomination: **Dicte**

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(57) **ABSTRACT**

A distinct cultivar of *Kalanchoe* plant named ‘Dicte’, characterized by its upright plant habit; dark green-colored leaves; light pink and red purple bi-colored flowers; and excellent postproduction longevity.

**1 Drawing Sheet**

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Botanical classification/cultivar designation: *Kalanchoe blossfeldiana* cultivar Dicte.

**BACKGROUND OF THE INVENTION**

The present invention relates to a new and distinct cultivar of *Kalanchoe* plant, botanically known as *Kalanchoe blossfeldiana*, and hereinafter referred to by the name ‘Dicte’.

The new *Kalanchoe* is a product of a planned breeding program conducted by the Inventor in Hinnerup, Denmark. The objective of the breeding program was to create new freely-flowering *Kalanchoe* cultivars with attractive flower coloration and excellent postproduction longevity.

The new *Kalanchoe* originated from a cross-pollination made in Hinnerup, Denmark, of the *Kalanchoe* cultivar *Nadia*, not patented, as the female, or seed, parent with the *Kalanchoe* cultivar *Revolution White Rose*, not patented, as the male, or pollen parent. The new *Kalanchoe* was discovered and selected by the Inventor as a single flowering plant within the progeny of the stated cross-pollination grown in a controlled environment in Hinnerup, Denmark.

Asexual reproduction of the new *Kalanchoe* by terminal cuttings taken at Hinnerup, Denmark, by the Inventor, has shown that the unique features of this new *Kalanchoe* are stable and reproduced true to type in successive generations.

**BRIEF SUMMARY OF THE INVENTION**

The cultivar *Dicte* has not been observed under all possible environmental conditions. The phenotype may vary somewhat with variations in environment such as temperature, daylength 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 ‘Dicte’. These characteristics in combination distinguish ‘Dicte’ as a new and distinct cultivar:

1. Upright plant habit.
2. Dark green-colored leaves.
3. Light pink and red purple bi-colored flowers.
4. Excellent postproduction longevity.

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Plants of the new *Kalanchoe* differ from plants of the parent cultivars in growth habit, flower size and petal coloration.

**BRIEF DESCRIPTION OF THE PHOTOGRAPHS**

The accompanying colored photographs illustrate the overall appearance of the new *Kalanchoe*, 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 *Kalanchoe*. The photographs were taken under diffuse natural light conditions on a sunny day at approximately 10:00 am in Hinnerup, Denmark.

The photograph at the top of the sheet comprises a side perspective view of a typical potted plant of ‘Dicte’.

The photograph at the bottom of the sheet comprises a top perspective view of a typical plant of ‘Dicte’.

**DETAILED BOTANICAL DESCRIPTION**

In the following description, color references are made to The Royal Horticultural Society Colour Chart, 1995 Edition, except where general terms of ordinary dictionary significance are used. Plants used in the photographs and for the following observations and measurements were grown in Hinnerup, Denmark, under commercial practice in a glass-covered greenhouse for about 10 weeks after the start of short day/long night photoperiodic treatment with average temperatures of 20° C. Plants used in the description and photographs were not pinched. Unless otherwise specified, the leaf description represents leaves from a vegetative plant.

Botanical classification: *Kalanchoe blossfeldiana* cultivar *Dicte*.

Parentage:  
*Female, or seed, parent.*—*Kalanchoe blossfeldiana* cultivar *Nadia*, not patented.  
*Male, or pollen, parent.*—*Kalanchoe blossfeldiana* cultivar *Revolution White Rose*, not patented.

Propagation:  
*Type cutting.*—Terminal cuttings.

*Time to produce a rooted young plant.*—About 18 to 20 days.

*Root description.*—Numerous, fine, fibrous, and well-balanced.

Plant description:

*Form.*—Upright plant habit with numerous compound cymes; freely flowering. Actual plant shape will depend on whether or not plants are pinched (apical terminals removed).

*Branching habit.*—freely branching. Pinching (removal of terminal apex) is not required but will enhance lateral branch development.

*Plant height at flowering.*—About 26 cm.

*Plant diameter at flowering.*—About 20 cm.

*Foliage description.*—Arrangement: Opposite, simple. Size: Leaf size is reduced after floral induction. Vegetative plants: Length: About 9 cm. Width: About 6 cm. Reproductive plants: Length: About 4.5 cm. Width: About 3 cm. Shape: Oval. Apex: Rounded. Base: Obtuse. Margin: Crenate, undulate. Aspect: Slightly concave to convex. Texture: Glabrous; leathery; succulent. Color: Developing foliage, upper surface: 137B. Developing foliage, lower surface: 137C. Fully expanded foliage, upper surface: 147A. Fully expanded foliage, lower surface: 147B.

Flower description:

*Flower type and habit.*—Single flowers arranged in compound dichasial cymes that arise from leaf axils. Upright flowering stems. Freely flowering. Flowers persistent.

*Natural flowering season.*—Winter to early spring; flower initiation and development can be induced under short day/long night conditions.

*Time to flower.*—In the summer with 20° C. growing temperatures, about ten weeks of short day/long night conditions are required to produce flowering plants. During the winter with supplemental lighting and 20° C. growing temperatures, about eleven weeks of short day/long night conditions are required to produce flowering plants. Time to flower is pri-

marily dependent upon temperature and light intensity.

*Flower opening.*—First flower open is the terminal flower at the main axis and is followed by the opening of the terminal flowers of the side branches of the inflorescence. About one week after the first flower has opened, 50% of the remaining flowers are open.

*Post-production longevity.*—Plants of the new Kalanchoe maintain good leaf and flower substance for at least five weeks under interior environmental conditions.

*Flower diameter.*—about 1.9 cm.

*Quantity.*—Very freely flowering, at least 400 flowers per plant.

*Flower buds.*—Shape: Narrowly oblong. Length: About 1.4 cm. Width: About 4 mm. Color: Greenish slightly overlain with 39A.

*Petals.*—Quantity: Four fused at base. Length: About 8 mm. Diameter: About 7 mm. Shape: Round obovate. Apex: Cuspidate. Margin: Entire. Texture: Glabrous, smooth and satiny. Color: Upper surface: Irregular areas of 57C and 62D. Lower surface: Irregular areas of 155D and 62C.

*Reproductive organs.*—Stamens: Stamen number: Eight. Anther shape: Slightly oblong. Filament color: Yellow green. Pollen color: Yellow. Pistils: pistil number: Four. Style color: Green. Stigma shape: Round. Ovaries: Superior and four-celled. Ovary size: About 7 mm by 2 mm. Ovary color: Light green.

*Seed/fruit.*—Seed and fruit production has not been observed.

*Disease/pest resistance:* Resistance to known pathogens and pests common to Kalanchoe has not been observed on plants of the new Kalanchoe grown under commercial greenhouse conditions.

It is claimed:

1. A new and distinct cultivar of Kalanchoe plant named 'Dicte', as illustrated and described.

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