

[54] AFRICAN VIOLET PLANT NAMED LITTLE KUNZITE

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[57] ABSTRACT

A new and distinct cultivar of African violet named Little Kunzite characterized by its miniature growth habit; single violet-shaped, dark pink flowers with intensive pink center; strong stems which curve toward the center to form a compact bouquet above the leaves; profuse and continuous flowering; bright green, heart-shaped leaves; flowering 10-11 weeks after planting of unrooted shoot, and by its long lasting and non-dropping flowers.

Primary Examiner—James R. Feyrer

1 Drawing Sheet

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The present invention comprises a new and distinct cultivar of African violet plant, botanically known as *Saintpaulia ionantha*, and hereinafter referred to by the cultivar name Little Kunzite.

The new cultivar was referred to during the breeding and selection process by the designation K 1/28 and is a product of a planned breeding program. The new cultivar was originated from a cross made by me in the controlled breeding program in Haffen, Federal designated 4 Mini. The male, or pollen parent was a cultivar designated 43.

Little Kunzite was discovered and selected by me as a flowering plant within the progeny of the stated cross in a controlled environment in Haffen, West Germany. Asexual reproduction of the new cultivar by leaf cuttings, as performed by me at Haffen, West Germany, has demonstrated that the combination of characteristics as herein disclosed for the new cultivar are firmly fixed and retained through successive generations of asexual reproduction.

Little Kunzite has not been observed under all possible environmental conditions. The phenotype may vary significantly with variations in environment such as temperature, light intensity and day length. The following observations, measurements and values describe the new cultivar as grown in a 4 cm pot in Haffen, West Germany and Nashville, Tenn. under greenhouse conditions which closely approximate those generally used in commercial practice.

The following traits have been repeatedly observed and are determined to be basic characteristics of Little Kunzite, which in combination distinguish this African violet as a new and distinct cultivar.

- (1) Little Kunzite will not grow taller than 8 cm.
- (2) Single, violet-shaped dark pink flowers.
- (3) Strong wirelike and upright flower stems curving toward the center.
- (4) First flash of flowers form a tight bouquet above the leaves.
- (5) Profuse flowering; under good growing conditions continuous flowering.
- (6) Each plant carries 6-8 and more upright flower stems each of which carries 4-6 and more flowers.
- (7) Long lasting, non-dropping flowers.
- (8) Plant saleable 10 toll weeks after planting of unrooted shoot.

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- (9) Seed capsules push slightly through.
- (10) Bright green, hairy leaves.
- (11) Heart-shaped leaves are 2.0 to 3.0 cm in size.
- (12) After maturity the flowers dry off, and remain on the peduncle.

The new cultivar is most similar to Little Tourmaline. Similarities are the leaf and flower color. However, Little Kunzite has single blooms and an intensive pink touch in the center, whereas Little Tourmaline has semi-double blooms with elongated petals.

The accompanying color photographic drawing shows a typical specimen plant of the new cultivar growth in a 4 cm pot. The colors appearing in the photograph are as true as possible with color illustrations of this type.

In the following description, color references are made to The Royal Horticultural Society Colour Chart (R.H.S.), except where general colors of ordinary significance are referred to. Color values were taken under natural sunlight conditions at approximately 1 p.m. in Nashville, Tenn.

Botanical classification: *Saintpaulia ionantha*, Ramat., c.v. *Little Kunzite*.

Parentage:

Male parent.—43.

Female parent.—4 Mini.

Propagation: The new cultivar holds its distinguishing characteristics through successive propagations by leaf cuttings.

Plant: From 6 cm to 8 cm tall when grown in pots, and approximately 8-11 cm in diameter when fully grown.

Leaves.—General form: Heart-shaped. Diameter: 25-30 mm. Texture: Leatherlike. Aspect: Shiny, hairy. Veins: Upperside: visible; underside: well pronounced, light green, on young leaves purplish red, shiny. Color (upperside): Between Yellow-Green Group 146 A and 147 A. Color (underside): Greyed-Green Group 193 A. Petiole: Strong, green with reddish brown touch, hairy.

Flowers.—Buds: Size: 3-4 mm just before opening. Shape: Bell-shaped. Color: Pinkish green. Sepals: Five (5). Color: Reddish brown. Calyx: Shape: Funnel-shaped. Aspect: Spear-shaped, hairy.

Plant 7,095

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Peduncle: Character: Strong upright, hairy. Color: Reddish brown. Individual flowers: Size: 23-26 mm. Shape: Single, violet-shaped (3 large, 2 small petals. Color (upperside): Purple Group 78 A with center being Red-Purple Group 74 B. Under cooler temperatures and more intensive lighting, the pink tends to intensify. Color (underside): Purple Group 78 C to D. Borne: Each flower stem carries 4-6 and more flowers on strong, upright peduncle that are free standing above the leaves, thereby forming a compact bouquet. Flowering habit: Flowers 10-11 weeks after planting an unrooted plantlet.

Reproductive organs.—Stamens: Two (2). Anthers: 2 composed of 4 anther cells, seed capsule pushes slightly through. Filaments: Yellowish green, 2-3 mm long. Styles: 5-6 mm long, purplish pink, base of ovary light green and hairy.

Roots.—Normally developed, white when young, turning slightly brownish when older.

Disease resistance: Good.

General Observations: Little Kunzite is a super miniature violet, which does not grow taller than 8 cm.

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The single violet-shaped flowers are dark pink with an intensive pink touch in the center. The flowers are long-lasting and non-dropping. Occasionally, 2-3 additional very small petals develop in the center. Under good growing conditions Little Kunzite will bloom continuously. A nice bouquet of flowers free standing above the bright green, heart-shaped leaves develops approximately 10-11 weeks after planting an unrooted plantlet. Each of the 6-8 and more strong flower stems carries 4-6 and more flowers.

I claim:

1. A new and distinct cultivar of African violet named Little Kunzite, as described and illustrated, and particularly characterized by its miniature growth habit; single violet-shaped, dark pink flowers with intensive pink center; strong stems which curve toward the center to form a compact bouquet above the leaves; profuse and continuous flowering; bright green, heart-shaped leaves; flowering 10-11 weeks after planting of unrooted shoot, and by its long lasting and non-dropping flowers.

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U.S. Patent

Jan. 2, 1990

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