

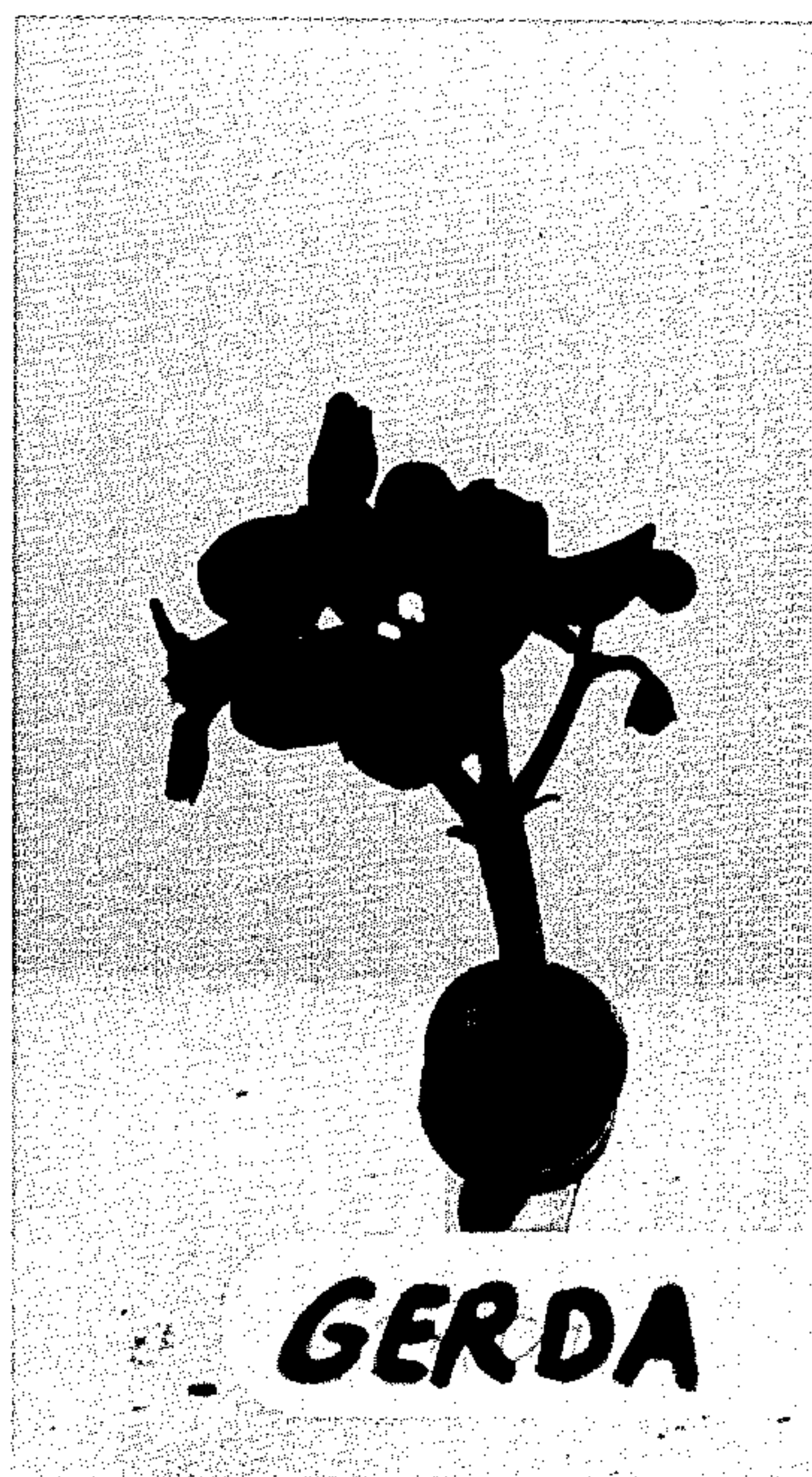
Jan. 15, 1974

A. W. FISCHER

Plant Pat. 3,436

AFRICAN VIOLET PLANT

Filed Jan. 24, 1972



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3,436

AFRICAN VIOLET PLANT

Arnold W. Fischer, Isernhagen, Germany, assignor to
Geo. J. Ball, West Chicago, Ill.

Filed Jan. 24, 1972, Ser. No. 220,504

Int. Cl. A01h 5/00

U.S. Cl. Plt.—69

1 Claim

ABSTRACT OF THE DISCLOSURE

A new variety of African violet plant distinguished by the very deep violet color of its blossoms, which bloom recurrently the year around, its uniform and heavy flowering habit and its very abundant foliage.

BACKGROUND OF THE INVENTION

This new variety of African violet plant originated as a seedling developed by me at Isernhagen, Germany, where I have been conducting the culture and breeding of African violets for the purpose of developing improved varieties for the potted plant market. This new plant was selected for test because of the deep violet color of its blooms and the upstanding growth of the flower stalks which hold the blossoms in compact group well above the foliage. Asexual propagation of this plant under my direction and by means of leaf cuttings, at Isernhagen, Germany, demonstrated the plant to retain all of its original and distinctive characteristics from generation to generation and because of its vigorous growth and attractive display of the blooms of unusual color, this new plant was selected for propagation on a commercial scale. Commercial propagation is now being carried on at West Chicago, Ill., U.S.A., by means of leaf cuttings and division of shoots.

DESCRIPTION OF THE DRAWING

My new variety of African violet plant is illustrated by the accompanying drawing which shows the form and color characteristics of the plant and its blooms, the color rendition being as nearly true as is reasonably possible to obtain by conventional photographic procedures. The upper view shows details of the blossoms and the manner in which they are borne on the flower stalk and the lower view shows the entire plant in full bloom. The color patches A and B show the true colors of the top and under sides, respectively, of the flower petals.

DESCRIPTION OF THE NEW PLANT

The following is a detailed description of my new variety of African violet plant with color designations according to the Horticultural Colour Chart published by the British Colour Council in collaboration with the Royal Horticultural Society.

The plant

Origin: Seedling

Parentage:

Seed parent.—A *Saintpaulia ionantha* of unknown origin

Pollen parent.—Blaues Märchen (unpatented)

Classification:

Botanic.—*Saintpaulia ionantha*

Commercial.—African violet

Form: Compact potted plant (rosette arrangement)

Height: To 3¼ inches from base to top of flowers

Growth: Condensed and vigorous, sturdy with tendency to be clumpy

Foliage: Quantity—abundant

Size of leaf.—Up to 2 inches in diameter

Shape of leaf.—Generally cordate with crenate margins

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Texture.—Very leathery and tough

Aspect.—Shiny and very tomentose

Veins.—Pinnate and very pronounced on under side. Veins connect at leaf edges.

Color.—Upper side—Ivy Green 0001060/3. Under side—Magnolia Purple 030/1 with Agatha Green 60/3

Petioles.—1¼ to 1½ inches for older leaves

The bud

Form: Pear-shaped, rounded just before opening

Size: Fairly small. ⅜ to ¼ inch in diameter and ⅜ inch in depth

Opening: Very slowly (5 weeks from visible bud to opened flower)

Color: When petals unfurl—Victoria Violet 738

Sepals: Hooded over bud for a very short time

Forms.—Sepals stand up and are spear-shaped

Color.—Inside—Sage Green 000861. Outside—Sage Green 000861

Calyx:

Shape.—Splits to star shape with five sepals

Size.—Small compared to petal size

Aspect.—Very tomentose

25 Peduncle:

Length.—1 to 1¾ inches from base to branching. Branches ⅞ to ¾ inch long.

Strength.—Sturdy but flexible

Aspect.—Very tomentose

Color.—Maroon 1030

The flower

Blooming habit: Recurrent the year around with a tendency to bloom early

35 Size of Flower:

Medium.—Varies with age of plant

Diameter.—⅞ to 1¼ inches

Depth.—To ¾ inch

40 Borne: In cluster on each primary peduncle

Shape: Very open cup-shaped when bloom first opens changing to wide open, flatter cup

Petalage: Number of petals—5, 3 noticeably larger than remaining 2

45 Arrangement: Smypetalous

Form: Rotate and bilaterally symmetrical

Color:

Face side.—Victoria Violet 738

Reverse side.—Victoria Violet 738/3

50 Texture: Soft and flexible

Appearance: Velvety and smooth—tomentose on reverse or underside

Peduncle: 1 to 1¾ inches from base to branching. Branches—⅞ to ¾ inch long

55 Strength.—Sturdy and fairly upright

Color.—Maroon 1030

Discoloration after full bloom: Color becomes darker

Effect of weather: Hot environment suppresses flowering and fades flower color, 80% to 90% relative humidity most favorable

60 Fragrance: None

Lasting quality: 10 to 14 days for full opened flower

Persistence: Blossoms hang on and dry on the stalk

Reproductive organs

65 Stamens:

Antthers.—Arrangement—basifixed; 2 in number, each ⅛ inch long and composed of 2 anther cells

Filaments.—Single filament ⅛ inch long. Color—Victoria Violet 738 surrounding Citron. Green 763/3

Pollen.—Color—White

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Pistils: One in number, $\frac{7}{16}$ inch long

Stigmas: Color—Victoria Violet 738

Style: $\frac{1}{4}$ inch long and Victoria White 738 in color

Ovaries: Superior and tomentose, yellow color appears below ovary

The principal advantages of this new variety of African violet plant are to be found in the distinctive form of the wide open flower which has more depth than most varieties and the upstanding display of the flowers which an unusually dark violet color. The plant grows vigorously with heavy and uniform flowering and produces abundant

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foliage, although plantlet production from cut leaf propagation is low compared to other varieties.

I claim:

1. A new variety of African violet plant, substantially as herein shown and described, characterized by the deep violet color and open-cup shape of its flowers, its year around blooming habit and the upstanding display of the blooms.

No references cited.

ROBERT E. BAGWILL, Primary Examiner