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(54) **ALSTROEMERIA PLANT NAMED**
‘ZAPRIKATIA’

(50) Latin Name: *Alstroemeria hybrida*
Varietal Denomination: **Zaprikatia**

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patent is extended or adjusted under 35
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A01H 5/02 (2018.01)

(52) **U.S. Cl.**
USPC **Plt./309**

(58) **Field of Classification Search**

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See application file for complete search history.

(56) **References Cited**

PUBLICATIONS

PLUTO Plant Variety Database Jul. 5, 2019. p. 1.*

* cited by examiner

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(57) **ABSTRACT**

A new and distinct cultivar of *Alstroemeria* plant named
‘Zaprikatia’, characterized by its compact, upright to out-
wardly spreading and uniformly mounded plant habit; mod-
erately vigorous growth habit; dark green and white varie-
gated leaves; numerous bright red-colored flowers; and
excellent container and garden performance.

2 Drawing Sheets

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Botanical designation: *Alstroemeria hybrida*.
Cultivar denomination: ‘ZAPRIKATIA’.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar
of *Alstroemeria* plant, botanically known as *Alstroemeria*
hybrida, commercially used as a potted and garden-type
Alstroemeria, and hereinafter referred to by the name
‘Zaprikatia’.

The new *Alstroemeria* plant is a product of a planned
breeding program conducted by the Inventor in Rijssenhou,
The Netherlands. The objective of the breeding program is
to create new potted *Alstroemeria* plants with uniform plant
habit, freely flowering habit, attractive leaf and flower
coloration and good garden performance.

The new *Alstroemeria* plant is a naturally-occurring
whole plant mutation of *Alstroemeria hybrida* ‘Zaprikate’,
disclosed in U.S. Plant Pat. No. 24,214. The new *Alstro-*
emeria plant was discovered and selected by the Inventor as
a single flowering plant from within a population of plants
of ‘Zaprikate’ in a controlled greenhouse environment in
Rijssenhou, The Netherlands in April, 2014.

Asexual reproduction of the new *Alstroemeria* plant by
rhizome divisions in a controlled greenhouse environment in
Rijssenhou, The Netherlands since September, 2014 has
shown that the unique features of this new *Alstroemeria*
plant are stable and reproduced true to type in successive
generations.

SUMMARY OF THE INVENTION

Plants of the new *Alstroemeria* have not been observed
under all possible combinations of environmental conditions

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and cultural practices. The phenotype may vary somewhat
with variations in environmental conditions such as tem-
perature 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 ‘Zaprikatia’. These characteristics in combination distin-
guish ‘Zaprikatia’ as a new and distinct *Alstroemeria* plant:

1. Compact, upright to outwardly spreading and uni-
formly mounded plant habit.
2. Moderately vigorous growth habit.
3. Dark green and white variegated leaves.
4. Numerous bright red-colored flowers.
5. Excellent container and garden performance.

Plants of the new *Alstroemeria* can be compared to plants
of the mutation parent, ‘Zaprikate’. Plants of the new
Alstroemeria differ from plants of ‘Zaprikate’ primarily in
leaf color as plants of the new *Alstroemeria* have dark green
and white variegated leaves whereas plants of ‘Zaprikate’
have non-variegated dark green-colored leaves.

Plants of the new *Alstroemeria* can be compared to plants
of *Alstroemeria hybrida* ‘Zaprilou’, disclosed in U.S. Plant
Pat. No. 21,011. In side-by-side comparisons, plants of the
new *Alstroemeria* differ primarily from plants of ‘Zaprilou’
in flower color as plants of ‘Zaprilou’ have red purple-
colored flowers. In addition, plants of the new *Alstroemeria*
have dark green and white variegated leaves whereas plants
of ‘Zaprilou’ have non-variegated dark green-colored
leaves.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

The accompanying colored photographs illustrate the
overall appearance of the new *Alstroemeria* plant 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 *Alstroemeria* plant. The photograph on the first sheet is a top perspective view of a typical flowering plant of 'Zaprikatia'. The photograph on the second sheet is a close-up view of typical leaves and flowers of 'Zaprikatia'.

DETAILED BOTANICAL DESCRIPTION

The aforementioned photographs and following observations and measurements describe plants of the new *Alstroemeria* grown during the spring in 14-cm containers in a glass-covered greenhouse in Rijsenhout, The Netherlands. During the production of the plants, day temperatures ranged from 15° C. to 25° C., night temperatures ranged from 10° C. to 15° C., soil temperatures averaged 14° C. and light levels averaged 5,000 lux. Plants were three months old when the photographs and description were taken. In the following description, color references are made to The Royal Horticultural Society Colour Chart, 2015 Edition, except where general terms of ordinary dictionary significance are used.

Botanical Classification: *Alstroemeria hybrida* 'Zaprikatia'. Parentage: Naturally-occurring whole plant mutation of *Alstroemeria hybrida* 'Zaprikate', disclosed in U.S. Plant Pat. No. 24,214.

Propagation:

Type.—In vitro rhizogenesis.

Time to produce a rooted young plant, summer.—About 40 days at temperatures of 15° C. to 25° C.

Time to produce a rooted young plant, winter.—About 60 days at temperatures of 15° C. to 25° C.

Root description.—Fibrous, fleshy, thick; color, close to 155D.

Rooting habit.—Freely branching; medium density.

Rhizomes: Shape: Elongate; rounded. Length: About 10 cm to 30 cm. Diameter: About 3 mm to 10 mm. Texture and texture: Smooth; matte. Color: Close to 155D.

Plant Description:

Plant and growth habit.—Compact, upright to outwardly spreading and uniformly mounding plant habit; freely branching habit with about five to six primary lateral branches each with about three secondary lateral branches, dense and bushy appearance; moderately vigorous growth habit; moderate growth rate.

Plant height.—About 20 cm.

Plant diameter (spread).—About 40 cm.

Lateral Branch Description:

Length.—About 15 cm.

Diameter.—About 5 mm.

Internode length.—About 5 mm to 10 mm.

Strength.—Moderately strong.

Aspect.—About 45° from vertical.

Texture and luster.—Smooth, glabrous; semi-glossy.

Color, developing and fully developed.—Close to 139D.

Leaf Description:

Arrangement.—Alternate; simple.

Length.—About 5.5 cm to 9 cm.

Width.—About 2 cm to 3 cm.

Shape.—Lanceolate.

Apex.—Acute.

Base.—Cuneate.

Margin.—Entire.

Texture and luster, upper surface.—Smooth, glabrous; semi-glossy.

Texture and luster, lower surface.—Ribbed; matte.

Aspect.—Upright to somewhat horizontal, twisting.

Venation pattern.—Parallel.

Color.—Developing leaves, upper and lower surfaces:

Close to 137A; at the margins, close to 155A. Fully expanded leaves, upper surface: Close to 137A; at the margins, close to 155A; venation, close to 145A. Fully expanded leaves, lower surface: Close to 138A; at the margins, close to 155A; venation, close to 145B.

Petioles.—Length: About 1.5 cm to 1.8 cm. Diameter: About 4 mm to 5 mm. Texture and luster: Smooth, glabrous; matte. Strength: Low, flexible. Color, upper surface: Close to 137A. Color, lower surface: Close to 138A.

Flower Description:

Flower type and habit.—Single cup-shaped flowers arranged in compound umbels; flowers face upright to outwardly; perianth segments separate; freely flowering habit with about 30 flower buds and flowers per plant at one time.

Natural flowering season.—Flowering continuous from the spring until the autumn in The Netherlands; early flowering habit, plants begin flowering about 70 to 80 days after planting.

Fragrance.—None detected.

Flower longevity on the plant.—About ten days; flowers not persistent.

Flower buds.—Length: About 3.5 cm. Diameter: About 1.6 cm. Shape: Roughly ovoid. Texture and luster: Smooth, glabrous; semi-glossy. Color: Close to 138B; streaks, close to 185B.

Umbel height.—About 10 cm.

Umbel diameter.—About 15 cm.

Flower diameter.—About 6 cm.

Flower depth.—About 6 cm.

Perianth.—Arrangement: Six arranged in two whorls, each whorl with two lateral and one median segments. Inner perianth, lateral segments: Length: About 5.5 cm. Width: About 2.2 cm. Shape: Oblanceolate. Apex: Wishbone-shaped and acuminate. Base: Attenuate. Margin: Proximally, entire and distally, dentate. Texture and luster, upper surface: Smooth, glabrous; semi-glossy. Texture and luster, lower surface: Ribbed; matte. Color, when opening and fully opened, upper surface: Close to 160B; distally, close to 50A; proximally, close to 50C; stripes, close to 185A; with development, distal color becoming closer to 51A. Color, when opening and fully opened, lower surface: Distally, close to 50B; proximally, close to 163D; color does not change with development. Inner perianth, median segment: Length: About 4.5 cm. Width: About 2.5 cm. Shape: Oblanceolate. Apex: Wishbone-shaped and acuminate. Base: Attenuate. Margin: Proximally, entire and distally, finely dentate. Texture and luster, upper surface: Smooth, glabrous; semi-glossy. Texture and luster, lower surface: Ribbed; matte. Color, when opening and fully opened, upper surface: Close to 50A; stripes, close to 185A; with development, color becoming closer to 51A. Color, when opening

and fully opened, lower surface: Distally, close to 50B; proximally, close to 163D; color does not change with development. Outer perianth, lateral segments: Length: About 5 cm. Width: About 4 cm. Shape: Obovate. Apex: Embedded point. Base: 5 Attenuate. Margin: Entire; undulate. Texture and luster, upper surface: Ribbed; semi-glossy. Texture and luster, lower surface: Ribbed; matte. Color, when opening and fully opened, upper surface: Close to 50A; towards the apex, close to 143C; color 10 becoming closer to 51A. Color, when opening and fully opened, lower surface: Close to 50B; towards the apex, close to 143A; color does not change with development. Outer perianth, median segment: 15 Length: About 5.5 cm. Width: About 4 cm. Shape: Obovate. Apex: Embedded point. Base: Attenuate. Margin: Entire; undulate. Texture and luster, upper surface: Ribbed; semi-glossy. Texture and luster, lower surface: Ribbed; matte. Color, when opening 20 and fully opened, upper surface: Close to 50A; towards the apex, close to 143C; color becoming closer to 51A. Color, when opening and fully opened, lower surface: Close to 50B; towards the apex, close to 143A; color does not change with development. 25

Pedicels.—Length: About 1.5 cm. Diameter: About 1 mm. Strength: Strong. Angle: About 25° from stem

axis. Texture and luster: Smooth, glabrous; semi-glossy. Color: Close to 143A.

Reproductive organs.—Stamens: Quantity per flower: Typically six. Filament length: About 3.5 cm to 4 cm. Filament color: Close to 46B. Anther size: About 0.8 mm by 2 mm. Anther shape: Elliptical. Anther color: Close to 199B. Pollen amount: Abundant. Pollen color: Close to 163D. Pistils: Quantity per flower: One. Style length: About 3 cm. Style color: Close to 46B. Stigma diameter: About 0.7 mm. Stigma shape: Three-parted. Stigma color: Close to 46B. Ovary color: Close to 144A.

Fruits and seeds.—To date, fruit and seed development have not been observed on plants of the new *Alstroemeria*.

Pathogen & Pest Resistance: To date, plants of the new *Alstroemeria* have not been observed to be resistant to pathogens and pests common to *Alstroemeria* plants.

Garden Performance: Plants of the new *Alstroemeria* have been observed to have excellent garden performance and to tolerate wind, rain and temperatures from about −5° C. to about 40° C. and to be suitable for USDA Hardiness Zone 9.

It is claimed:

1. A new and distinct *Alstroemeria* plant named ‘Zaprikatia’ as illustrated and described.

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