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Jacobs

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(54) **ALSTROEMERIA PLANT NAMED**
'ZALSANCE'

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

(75) Inventor: **Henricus Cornelius Maria Jacobs,**
Rijsenhout (NL)

(73) Assignee: **van Zanken Plants b.v.,** Hillegom (NL)

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patent is extended or adjusted under 35
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A01H 5/00 (2006.01)

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

(58) **Field of Classification Search** Plt./309
See application file for complete search history.

(56) **References Cited**

OTHER PUBLICATIONS

UPOV-ROM GTITM, Plant Variety Database, 2010/05, GTI Jouve
Retrieval Software, Citation for *alstroemeria* 'Zalsance'.*

* cited by examiner

Primary Examiner — Susan B McCormick Ewoldt

(74) *Attorney, Agent, or Firm* — C. A. Whealy

(57) **ABSTRACT**

A new and distinct cultivar of *Alstroemeria* plant named
'Zalsance', characterized by its erect and strong flowering
stems; vigorous growth habit; orange red-colored flowers;
and excellent postproduction longevity.

1 Drawing Sheet

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Botanical designation: *Alstroemeria hybrida*.
Cultivar denomination: 'ZALSANCE'.

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 cut flower *Alstroemeria*, and
hereinafter referred to by the name 'Zalsance'.

The new *Alstroemeria* plant is a naturally-occurring whole
plant mutation of *Alstroemeria hybrida* 'Staqueen', disclosed
in U.S. Plant Pat. No. 14,335. The new *Alstroemeria* plant was
discovered and selected by the Inventor as a flowering plant
from within a population of plants of 'Staqueen' in a con-
trolled greenhouse environment in Rijsenhout, The Nether-
lands in June, 2005.

Asexual reproduction of the new *Alstroemeria* plant by
rhizome divisions in a controlled greenhouse environment in
Rijsenhout, The Netherlands since September, 2005, has
shown that the unique features of this new *Alstroemeria* plant
are stable and reproduced true to type in successive genera-
tions.

SUMMARY OF THE INVENTION

Plants of the new *Alstroemeria* have not been observed
under all possible environmental conditions. The phenotype
may vary somewhat with variations in environment and cul-
tural practices such as temperature and light intensity with-
out, however, any variance in genotype.

The following traits have been repeatedly observed and are
determined to be the unique characteristics of 'Zalsance'.
These characteristics in combination distinguish 'Zalsance'
as a new and distinct cultivar of *Alstroemeria*:

1. Erect and strong flowering stems.
2. Vigorous growth habit.
3. Orange red-colored flowers.
4. Excellent postproduction longevity.

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Plants of the new *Alstroemeria* can be compared to plants
of the parent, 'Staqueen'. Plants of the new *Alstroemeria*
differ from plants of 'Staqueen' primarily in flower color as
plants of the new *Alstroemeria* have darker-colored flowers
than plants of 'Staqueen'. In addition, flowers of plants of the
new *Alstroemeria* have fewer stripes than flowers of plants of
'Staqueen'.

Plants of the new *Alstroemeria* can be compared to plants
of *Alstroemeria hybrida* 'Stabec', disclosed in U.S. Plant Pat.
No. 9,041. In side-by-side comparisons conducted in Rijsen-
hout, The Netherlands, plants of the new *Alstroemeria* dif-
fered primarily from plants of 'Stabec' in the following char-
acteristics:

1. Plants of the new *Alstroemeria* were broader than plants
of 'Stabec'.
2. Plants of the new *Alstroemeria* had shorter flowering
stems than plants of 'Stabec'.
3. Plants of the new *Alstroemeria* had more compact inflo-
rescences than plants of 'Stabec'.
4. Plants of the new *Alstroemeria* and 'Stabec' differed in
flower color as plants of 'Stabec' had light red to deep
pink-colored flowers.

BRIEF DESCRIPTION OF THE PHOTOGRAPH

The accompanying colored photograph illustrates the over-
all 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 photograph 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 comprises a side
perspective view of a typical flowering stem of 'Zalsance'.

DETAILED BOTANICAL DESCRIPTION

The aforementioned photograph and following observa-
tions and measurements describe plants of the new *Alstro-*
emeria grown in Rijsenhout, The Netherlands in a glass-

covered greenhouse in ground beds. During the production of the plants, day temperatures ranged from 15° C. to 25° C. and night temperatures ranged from 10° C. to 15° C. Plants used for the photograph and description were one year old. The photograph and the description were taken during the late summer. Color references are made to The Royal Horticultural Society Colour Chart, 1995 Edition, except where general terms of ordinary dictionary significance are used.

Botanical classification: *Alstroemeria hybrida* 'Zalsance'.

Parentage: Naturally-occurring whole plant mutation of *Alstroemeria hybrida* 'Staqueen', disclosed in U.S. Plant Pat. No. 14,335.

Propagation:

Type.—By tissue culture.

Time to produce a rooted young plant, summer.—About 40 days.

Time to produce a rooted young plant, winter.—About 60 days.

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

Rooting habit.—Freely branching; moderately dense.

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

Plant description:

Plant and growth habit.—Upright; freely branching, bushy appearance; vigorous growth habit.

Time from planting to harvest of cut flowers.—About 80 to 90 days.

Plant height.—About 115 cm to 135 cm.

Plant diameter (spread).—About 35 cm.

Flowering stem description:

Aspect.—Erect.

Length.—About 90 cm to 120 cm.

Diameter.—About 6 mm to 9 mm.

Internode length.—About 1.5 cm to 7 cm.

Strength.—Strong.

Texture.—Smooth, glabrous.

Color.—Close to 146B; tinted with close to 187A.

Foliage description:

Appearance.—Leaves asymmetrical; sessile.

Length.—About 16.5 cm to 19.3 cm.

Width.—About 2.4 cm to 3.1 cm.

Shape.—Lanceolate.

Apex.—Acute.

Base.—Cuneate.

Margin.—Entire; slightly undulate.

Texture, upper and lower surfaces.—Smooth, glabrous.

Venation pattern.—Parallel.

Color.—Developing and fully developed leaves, upper surface: Close to 146A; venation, close to 141D.

Developing and fully developed leaves, lower surface: Close to 146B; venation, close to 137D.

Flower description:

Flower type and habit.—Single cup-shaped flowers arranged in compound umbels; flowers face mostly outwardly; perianth segments separate; freely flowering habit.

Natural flowering season.—Flowering continuous during the spring in The Netherlands.

Fragrance.—Not detected.

Flower longevity on the plant.—About four weeks; flowers not persistent.

Flower longevity as a cut flower.—About 12 to 16 days.

Flower buds (showing color).—Length: About 4.5 cm to 5 cm. Diameter: About 2 cm to 2.5 cm. Shape: Roughly ovoid. Color: Close to 34A.

Umbel height.—About 10 cm to 15 cm.

Umbel diameter.—About 20 cm to 25 cm.

Number of flowers and flower buds per umbel.—About 15 to 40.

Flower diameter.—About 6.5 cm by 8 cm.

Flower depth.—About 6.5 cm to 7.5 cm.

Perianth.—Arrangement: Six arranged in two whorls, each whorl with two lateral and one median segments. Outer perianth, lateral segments: Length: About 5.9 cm to 6.4 cm. Width: About 3.2 cm to 3.5 cm. Shape: Obovate. Apex: Embedded pointed. Base: Attenuate. Margin: Entire; weakly undulate. Texture, upper and lower surfaces: Smooth, glabrous. Color, when opening and fully opened, upper surface: Close to 33A; central blush, close to 34A. Color, when opening and fully opened, lower surface: Close to 34B. Outer perianth, median segment: Length: About 5.6 cm to 6.7 cm. Width: About 3 cm to 3.6 cm. Shape: Obovate. Apex: Embedded pointed. Base: Attenuate. Margin: Entire; weakly undulate. Texture, upper and lower surfaces: Smooth, glabrous. Color, when opening and fully opened, upper surface: Close to 33A; central blotch, close to 34A. Color, when opening and fully opened, lower surface: Close to 33B. Inner perianth, lateral segments: Length: About 5.7 cm to 6.9 cm. Width: About 1.5 cm to 2.1 cm. Shape: Oblanceolate. Apex: Wishbone-shaped. Base: Attenuate. Margin: Entire; weakly undulate. Texture, upper and lower surfaces: Smooth, glabrous. Color, when opening and fully opened, upper surface: Close to 33A; towards the base, close to 12A; few stripes, close to 183A. Color, when opening and fully opened, lower surface: Close to 33B. Inner perianth, median segment: Length: About 5.2 cm to 6.2 cm. Width: About 1.5 cm to 2 cm. Shape: Oblanceolate. Apex: Wishbone-shaped. Base: Attenuate. Margin: Entire; weakly undulate. Texture, upper and lower surfaces: Smooth, glabrous. Color, when opening and fully opened, upper surface: Close to 33A; central blotch, close to 34A. Color, when opening and fully opened, lower surface: Close to 33B.

Pedicels.—Length: About 6.5 to 11 cm. Diameter: About 2 mm to 3 mm. Strength: Strong. Angle: Erect to about 30° C. from vertical. Texture: Smooth, glabrous. Color, upper surface: Close to 187A. Color, lower surface: Close to 146A.

Reproductive organs.—Stamens: Quantity per flower: Six. Anther shape: Elliptical. Anther length: About 7 mm to 8 mm. Anther color: Close to 163A. Pollen amount: Scarce. Pollen color: Close to 152D. Pistils: Quantity per flower: One. Style length: About 4.5 cm to 5 cm. Style color: Close to 46B. Stigma color: Close to 46B. Ovary color: Close to 146B.

Fruit/seed.—Fruit and seed development has not been observed.

Disease/pest resistance: Plants of the new *Alstroemeria* have not been observed to be resistant to pathogens and pests common to *Alstroemeria*.

Temperature tolerance: Plants of the new *Alstroemeria* have been observed to tolerate temperatures from about -5° C. to about 40° C.

It is claimed:

1. A new and distinct *Alstroemeria* plant named 'Zalsance' as illustrated and described.

