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van Andel

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[54] **ALSTROEMERIA VARIETY NAMED**
'STATIREN'

[52] **U.S. Cl.** **Plt./87.1**
[58] **Field of Search** **Plt./87.1**

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[57] **ABSTRACT**

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A new and distinct Alstroemeria variety producing flowers
of good quality and attractive coloration.

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[51] **Int. Cl.⁶** **A01H 5/00**

1 Drawing Sheet

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BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct variety
of Alstroemeria originated as a seedling by crossing as seed
parent an unreleased, unpatented seedling identified as
86R1684-1 and as pollen parent an unreleased, unpatented
seedling identified as 87G1069-21 from among my collec-
tion of Alstroemeria seedlings maintained under controlled
conditions in a greenhouse at Van Staaveren B.V., Aalsmeer,
The Netherlands, for developmental purposes. The varietal
denomination of the new variety is 'Statiren'.

The first act of asexual reproduction of 'Statiren' was in
Aalsmeer, The Netherlands, by propagation by dividing
rootstocks. Asexual reproduction through successive gen-
erations has demonstrated that the combination of charac-
teristics as herein disclosed for 'Statiren' are firmly fixed and
retained through successive generations of asexual repro-
duction.

'Statiren' has not been observed under all possible envi-
ronmental conditions. Phenotypic expression may vary with
variations in environment such as temperature, light inten-
sity, day length and growing and cultural conditions.

SUMMARY OF THE INVENTION

Flowers of the new variety of Alstroemeria, 'Statiren' are
characterized by two concentric circles of three petals of
unusual coloration, as described herein.

The plant blooms profusely in the Spring and Fall, which
is a desirable characteristic in a cut flower variety. The
flower-bearing stems are of excellent quality. 'Statiren'
grows productively under greenhouse conditions and is also
reproducible both by division of rhizomes and by tissue
culture.

DESCRIPTION OF ILLUSTRATIONS

The new variety of Alstroemeria hybrid is illustrated in
the accompanying illustration, which shows typical flower
characteristics, with colors being as nearly true as is possible
for illustrations of this type.

DETAILED DESCRIPTION OF THE NEW VARIETY

The following is a detailed description of the new cultivar
of Alstroemeria hybrid as observed in a greenhouse in
Aalsmeer, The Netherlands. Color designations indicated
are in accordance with The Royal Horticultural Society
Colour Chart by color plate designations.

Botanical classification:

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Family.—Amaryllidaceae.

Genus.—Alstroemeria sp.

Commercial.—Alstroemeria hybrid.

Origin: Seedling.

PLANT

Form: Bush.

Shape: Upright.

Height: About 125 to 175 cm.

Internode length: About 1 to 4 cm.

Growth rate: Fast; the length of time (number of days) taken
from young plants (i.e. rooted rootstocks, the stage of
development in which the varieties are sold) to flowering
stage under commercial greenhouse conditions is 80–90
days.

Pinching required: No.

Main stem or cane length: About 150 cm.

Growth: Vigorous.

Strength: Strong.

Foliage:

Quantity.—Abundant.

Number of leaves.—About 30 to 40.

Size of leaf.—Length: About 15 to 20 cm. Width: About
2 to 4 cm.

Shape of leaf.—Elliptical.

Margin type.—Straight.

Texture.—Glossy.

Color.—Upper side: Near 137A. Underside: Near
137C.

Rhizomes.—Yes. Color: Near 155D. Size: About 10–30
cm.

INFLORESCENCE—FLOWER/FLORET

Blooming habit: Continuous.

Are spent umbels required to be pinched to maintain the
claimed plant in a continuous blooming condition? No.

Blooms Profusely.

Spring.—Yes.

Fall.—Yes.

Has tendency to give few blooms in fall.—No.

Size: Very large.

Diameter.—About 7 cm.

Depth.—About 5 cm.

Stage when described: When first anthers release their
pollen.

Borne: Singly in simple panicles.

Shape or form:

When bloom first opens.—Cup.

When bloom matures.—Cup.

Petalage

Number of petals.—6.

Arrangement.—2 concentric circles of 3 petals.

Form.—Obovate.

Margin type.—Minutely crimped; outer petals complete. 5

Apex.—Pointed.

How long do petals stay on stem?—About 3 weeks.

Texture.—Soft.

Appearance.—Velvety. 10

Color (summer/fall).—Outer petal/floret: The lamina of the outer layer of petals is generally near 48C with a white base, near 155D; but contain a darker red central brush stroke near 48A; may or may not contain one marking or spot; reverse sides of these petals have similar color patterns. Inner petal/floret: Base and apex of body near 48C with a central broad white band near 155D; the white band of the lateral inner petals having a central bright yellow spot near 3C, absent on the lower inner petal. The two inner lateral petals have 20–30 spots, color near 185A. 15 20

Peduncle or flower stem

Length.—About 7 to 10 cm.

Color.—Near 137B to 137C.

Strength.—Strong. 25

Upright.—Yes.

Discoloration after full bloom? Slightly; the main color of petals, near 48A, turns to near 48B to 48C.

Is bloom affected by wet or hot weather? No.

Persistence (does flower hang on and dry?): No. 30

Disease resistance: Unknown.

Fragrance: None.

Lasting quality:

On plant.—About 4 weeks.

As cut flower.—About 17 to 22 days.

BUD

Size:

Diameter.—About 1 to 2 cm.

Depth or length.—About 2 to 4 cm.

Form or shape: Pear-shaped.

Long.—Yes.

Pointed.—No.

Rate of opening: Fast.

Color of petals/tepals:

When petals first divide.—Near 48A.

When petals begin to unfurl.—Near 48A.

Peduncle or flower stem:

Length.—About 7 to 12 cm.

Hairy.—No.

Strength or character.—Erect.

Color.—Near 137B to 137C.

REPRODUCTIVE ORGANS

Stamen:

Number.—6.

Arrangement.—Around the style.

Anthers:

Size.—About 8 to 10 mm.

Color.—Near 152A.

Filaments:

Length.—About 5 cm.

Color.—Near 48A.

Pollen:

Color.—Near 153A. 25

Pistils:

Number.—1.

Styles:

Length.—About 4 to 5 cm.

Color.—Near 48A. 30

Stigmas:

Color.—Near 48A.

FRUIT

35 Fertile: No.

Shape: Round.

Color at maturity: Near 163A.

I claim:

40 1. A new variety of *Alstroemeria* plant substantially as herein shown and described.

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U.S. Patent

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