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van Andel

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

[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 of unusual red 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 85T305-1 and as pollen parent an unreleased, unpatented seedling identified as 86F679-1 from among my collection 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 'Stasach'.

The first act of asexual reproduction of 'Stasach' was in Aalsmeer, The Netherlands, by propagation by dividing rootstocks. Asexual reproduction through successive generations has demonstrated that the combination of characteristics as herein disclosed for 'Stasach' are firmly fixed and retained through successive generations of asexual reproduction.

'Stasach' has not been observed under all possible environmental conditions. Phenotypic expression may vary with variations in environment such as temperature, light intensity, day length and growing and cultural conditions.

SUMMARY OF THE INVENTION

Flowers of the new variety of *Alstroemeria*, 'Stasach' are of medium size and are characterized by two concentric circles of three petals of unusual attractive red coloration, as described herein.

The plant produces flowering stems, which are strong and of excellent quality. 'Stasach' 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:

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 20 to 25.
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: Medium.
Diameter.—About 5 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:

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Number of petals.—6.
Arrangement.—2 concentric circles of 3 petals.
Form.—Obovate.
Margin type.—Minutely crimped.
Apex.—Pointed green tipped.
How long do petals stay on stem?—About 2 weeks.
Texture.—Soft.
Appearance.—Velvety.
Color (summer/fall):—Outer petal/floret: Body near 42B; base near 42C; reverse side near 42B; virtually without markings. Inner petal/floret: Body near 42B with the two lateral inner petals having a golden spot, near 15A about central to the lower half of these petals; reverse side near 42B. The two inner lateral petals have about 20–30 spots, color near 187A.
 Peduncle or flower stem:
Length.—About 7 to 12 cm.
Color.—Near 137B to near 137C.
Strength.—Strong.
Upright.—Yes.
 Discoloration after full bloom? Slightly; the main color of petals, near 42B, turns to near 42D.
 Is bloom affected by wet or hot weather? No.
 Persistence (does flower hang on and dry?): No.
 Disease resistance: Unknown.
 Fragrance: None.
 Lasting quality:
On plant.—About 3 weeks.
As cut flower.—About 12 to 14 days.

BUD

Size:
Diameter.—About 1–2 cm.
Depth or length.—About 2–4 cm.
 Form or shape: Pear-shaped.
Long.—Yes.
Pointed.—Yes.
 Rate of openings: Fast.

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Color of petals/tepals:
When petals first divide.—Near 42B.
When petals begin to unfurl.—Near 42B.
 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 8–10 mm.
Color.—Near 59A.
Filaments:
Length.—About 5 cm.
Color.—Near 41B.
Pollen:
Color.—Near 152C.
Pistils:
Number.—1.
Styles:
Length.—About 4–5 cm.
Color.—Near 42C.
Stigmas:
Color.—Near 42C.

FRUIT

Fertile: Yes.
 Shape: Round.
 Color at maturity: Near 163A.
 I claim:
 1. A new variety of *Alstroemeria* plant substantially as herein shown and described.

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