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**Goemans**

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

PP11,688 P \* 12/2000 van Andel ..... Plt./309

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patent is extended or adjusted under 35  
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(56) **References Cited**

**U.S. PATENT DOCUMENTS**

PP10,836 P \* 3/1999 van Andel ..... Plt./309

**OTHER PUBLICATIONS**

GTITM UPOVROM Citation for 'Isabel' as per PL NLI  
ALO0032; Dec. 12, 1990.\*

GTITM UPOVROM Citation for 'Isabel' as per PL PBR  
ALO0032; Feb. 5, 1993.\*

Przybyla, A.A., Mutagenesis in Creation of New Alstroeme-  
ria Genotypes, ACTA Horticulturae; No. 508; Abstract;  
2000.\*

\* cited by examiner

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(57) **ABSTRACT**

A new and distinct Alstroemeria plant named 'Isadora'  
characterized by growth height of 10–30 cm; suitable for  
pots with a diameter larger than 7 cm; bushy, dwarf growth  
habit; red flowers, yellow base with black stripes; and 4–6  
week inflorescence longevity.

**1 Drawing Sheet**

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**GENUS AND SPECIES OF THE CLAIMED  
PLANT**

*Alstroemeria hyrida*.

**VARIETY DENOMINATION**

'Isadora'.

**BACKGROUND OF THE INVENTION**

The present invention comprises a new and distinct cul-  
tivar of Alstroemeria plant, hereinafter referred to by the  
cultivar name 'Isadora'.

The new cultivar, 'Isadora' originated by Robert Adrian  
Goemans from a hybridization made in a controlled breed-  
ing program in Chichester in Sussex, United Kingdom. The  
female parent was an unnamed cultivar of unknown origin  
(unpatented). The male parent of 'Isadora' was an unnamed  
selection from a breeding line named Butterfly (unpatented).

'Isadora' was discovered and selected as one flowering  
plant within the progeny of the stated parentage by Robert  
Adrian Goemans in 1997 in a controlled environment in  
Chichester, United Kingdom. The first act of asexual repro-  
duction of 'Isadora' was accomplished when vegetative  
cuttings were taken from the initial selection in May, 1998,  
in a controlled environment in Chichester, United Kingdom.  
Horticultural examination of selected units initiated in 1998,  
has demonstrated that the combination of characteristics as  
herein disclosed for 'Isadora' are firmly fixed and retained  
through successive generations of asexual reproduction.

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**BRIEF DESCRIPTION OF THE INVENTION**

The following traits have been repeatedly observed and  
are determined to be basic characteristics of which in  
5 combination distinguish this Alstroemeria as a new and  
distinct cultivar:

1. Suitable for pots with a diameter larger than 7 cm;
2. Growth height of 10–30 cm;
- 10 3. Bushy, dwarf growth habit;
4. Red flowers, yellow middle with black stripes; and
5. 4–6 week inflorescence longevity.

15 'Isadora' has not been observed under all possible envi-  
ronmental conditions. The phenotype may vary significantly  
with variations in environment such as temperature, light  
intensity and day length, without any change in genotype.  
The following observations, measurements and comparisons  
20 describe plants grown in Chichester, Sussex, United King-  
dom under greenhouse conditions which approximate those  
generally used in commercial practice. 'Isadora' is distin-  
guished from its parental cultivars primarily in flower color.

25 There are no commercial cultivars known to the present  
inventor, similar in comparison to 'Isadora'.

**BRIEF DESCRIPTION OF THE DRAWINGS**

30 The accompanying photograph shows a typical plant of  
the new variety with colors as accurate as possible.

Sheet 1 shows the flowers and foliage of 'Isadora'.

## DETAILED BOTANICAL DESCRIPTION

In the following description, color references are made to The Royal Horticultural Society Colour Chart (R.H.S.). The color values were determined in the afternoon on Sep. 16, 2000 under normal daylight at Wateringen, The Netherlands. The plants described are nine months of age, and grown in 15 cm pots. The plants asexually propagated by rooted tissue cultured rhizomes.

## Plant:

*Form.*—Pot plant.

*Height.*—10–30 cm under Dutch greenhouse conditions.

*Diameter.*—18 cm wide.

*Growth.*—Bushy dwarf growth habit.

*Time it takes to produce a flowering plant.*—From planting rooted tissue cultured rhizomes to flowering: 6 to 9 months, depending on culture conditions.

*Number of lateral branches.*—33 per plant.

*Stem.*—Size: 5 cm in length, 5 mm in diameter. Texture: Firm/fleshy. Color: Yellow-green, RHS 145 D. Length of internode: 3 mm.

*Foliage.*—Quantity: 10–20 leaves on each stem, depending on growth stage. Size of leaf: Length: 35–50 mm. Width: 28–35 mm. Shape of leaf: Oblong-ovate, with obtuse apex and rounded base, margin entire. Texture of leaf: Smooth and firm. Venation: Parallel. Color: Upper side: Dark green RHS 141 A to 141 B. Underside: Light-green RHS 138 A.

*Petioles.*—Size: 5 cm in length, 5 mm in diameter. Color: Yellow-green, RHS 146B.

*Rhizomes.*—Color: White RHS 158 A to 158 D. Size: Length 10–50 mm; diameter 6–15 mm, depending on age.

## Inflorescence:

*Bud.*—Form: Tubular pointed. Diameter: 10–20 mm. Length: 15–25 mm. Color: Red RHS 46 A to RHS 46 B.

*Flower.*—Size: Medium, length 40–60 mm; width 40–60 mm. Depth: 55 mm. Borne: Whorl. Shape: Broad obovate. Color: Outer tepals: Red, between RHS 46B and RHS 46C, yellow in the middle, between RHS 12A and RHS 13A (both surfaces). Upper surface of Inner tepals: RHS 178B with yellow, 20A in the middle. Lower surface of Inner tepals: RHS 179B with yellow, 20A in the middle. Other notations: Black stripes on all tepals, upper and lower surfaces, RHS 202 A. Number of flowers per cyme: 3–4. Number of open flowers per plant: Typically 9–12 per 15 cm pot.

*Tepals.*—Outer tepals: Size: 52 mm in length; 32 mm in width. Apex: Retuse. Base: Cuneate. Margin: Entire to serrulate. Texture: Silky. Inner tepals: Size: 54 mm in length; 19 mm in width. Apex: Cuspidate. Base: Cuneate. Margin: Dentate. Texture: Silky.

*Peduncle.*—Length: 3 cm. Color: Medium-green RHS 144 D to 144 B.

*Lasting quality of the bloom.*—On the plant: 21 days; cut flower: 14 days.

*Flowering season.*—May–September under outside conditions.

*Fragrance.*—None.

## Reproductive organs:

*Stamens.*—6.

*Pollen.*—Plentiful, yellow, RHS 9 B.

*Anthers.*—Yellow RHS 13 A.

*Filaments.*—Red RHS 42 B to 44 B.

*Pistils.*—1, Red-pink. RHS 50 B to 50 C.

*Stigma.*—Pink-white RHS 36 A to 36 C.

*Seeds.*—None.

Pest/disease resistance/susceptibility: No observations made to date.

## I claim:

1. A new and distinct *Alstroemeria* plant named 'Isadora', substantially as illustrated and described herein.

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