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Duncalf

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(54) **ALSTROEMERIA PLANT NAMED**
'ALSDUN01'

(50) Latin Name: *Alstroemeria*
Varietal Denomination: **AlsDun01**

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patent is extended or adjusted under 35
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(58) **Field of Classification Search** **Plt./309**
See application file for complete search history.

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(57) **ABSTRACT**

An *Alstroemeria* cultivar particularly distinguished by its
bright red flower color, its white flower stems, and its varie-
gated foliage that fades from yellow to white.

1 Drawing Sheet

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BACKGROUND

The present invention comprises a new and distinct cultivar
of *Alstroemeria*, and hereinafter referred to by the cultivar
name 'AlsDun01.' 'AlsDun01' was discovered in approxi-
mately 1997 in New Zealand and arose as a sport that arose in
tissue culturing of the variety "Red Baron." Red Baron (un-
patented) is believed by the inventor not to be protected
anywhere in the world at present. The initial trials began in
approximately 2001, and the final selection occurred in 2004.
Red Baron is an old cut-flower variety that is slightly taller
than the present cultivar and has pure dark green foliage and
green stems.

'AlsDun01' was selected for its long lasting and striking
red flowers, year round growth habit and flowering, white
flowering stems, and colorful yellow variegated foliage that
fades to white. 'AlsDun01' has been asexually propagated
repeatedly by division since 2004 and has been found to retain
its distinctive characteristics through successive asexual
propagations.

BRIEF DESCRIPTION OF THE PHOTOGRAPH

FIG. 1 shows the overall plant habit and illustrates the
variety's mature inflorescences, flower buds, and leaves.

DESCRIPTION OF THE NEW CULTIVAR

The following detailed descriptions set forth the distinctive
characteristics of 'AlsDun01'. The data which define these
characteristics were collected from asexual reproductions
carried out in Tauranga, New Zealand. The data were col-
lected on two year old plants grown under field conditions in
full sun. Color references are primarily to The R.H.S. Colour
Chart of The Royal Horticultural Society of London (R.H.S.).

DETAILED BOTANICAL DESCRIPTION

Classification:

Botanical.—*Alstroemeria*

Parentage: Red Baron (unpatented).

Plant origin: A sport that arose in tissue culture.

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Form: Herbaceous plant arising from an underground rhi-
zome.

Habit: Upright and vigorous.

Plant size: Mature Height 90–100 cm.

5 Width (spread): Approximately 50 cm.

Flowering habit: Perennial plant

Growth pattern: Stems emerge from underground rhizomes
throughout the year with cold and hot temperatures slow-
ing appearance and growth rate.

10 Flowering: Flowers appear throughout the year but mainly in
flushes in Spring and Autumn.

Stem diameter: 6–8 mm

15 Foliage characteristics: Elliptic to lanceolate, opposite or
scattered with a twisted petiole; more lush on growth stems
of flowering stems and more lush under lower light levels.

20 Leaf color: Leaves emerge lime-yellow (center RHS 2C) with
a dark green irregular margin (RHS N137B) and age to a
creamy white (RHS 158A) with the same dark irregular
margin.

Leaf length: 50 to 120 mm (including petiole)

Leaf width: 20 to 40 mm

Flower size: 60 to 70 mm per flower, between 6 and 12 flowers
per stem

25 Bud shape: Ovate

Bud color: Dark Maroon (RHS 59C)

Flower profile (upper): Funnel form

Flower profile (lower): Funnel form

30 Inflorescence type: Terminal umbel

Sepal: Six clawed tepals, inner three ones narrower

Number of petals: Six tepals

Petal size: Inner tepal 55–65 mm; outer tepal 50–60 mm

Petal width: Inner tepal 15–17 mm; outer tepal 22–25 mm

35 Petal arrangement: Overlapping

Pedicel length: 22–28 mm (twisted)

Pedicel prickles: none

Number of flowers: 6–12 per flowering stem

40 Floret length: 60–65 mm

Time of flowering: year round, flush in Spring

Flower color midzone outside: Outer tepal RHS 45A & 46A;
 inner tepal RHS 44A, Stripe RHS 14A, Fleck 165A
 Flower color midzone inside: Outer tepal RHS 45A & 46A;
 inner tepal RHS 44A, Stripe RHS 14A, Fleck 165A
 Basal spot color: Cream RHS 158A
 Filament color: RHS 45 A
 Anther color: RHS 178 B
 Style color: RHS 45 A
 Growth rate: rapid
 Fragrance: none
 Spacing: 500–600 mm between plants

COMPARISON WITH PARENTAL AND
 COMMERCIAL CULTIVARS

‘AlsDun01’ differs from its closest known variety Red Baron in that Red Baron is slightly taller, slightly more vigorous and had pure dark green foliage rather than the variegated form. The stems of Red Baron are green as opposed to the white stems of ‘AlsDun01’.

OTHER CHARACTERISTICS OF THE NEW
 VARIETY

‘AlsDun01’ is best suited for temperate conditions but will tolerate both heat and cold. In very cold conditions it will become deciduous. Ideal temperatures range from 15° C.–25° C., where warmer temperatures can slow development of new shoots and flowers. The variety can take full and direct sunlight, but intense sun can cause burning if the plant is dry and full sun can harden the colors. Best environment includes twenty to forty percent shade. Moderate fertilizer levels are adequate for pots, and annual feeds are adequate for ground plants. Soil is ideally free draining and moist. No specific diseases noted, but genus is prone to Cucumber Mosaic Virus.

I claim:

1. A new and distinct cultivar of *Alstroemeria* plant as described and shown herein.

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