MICROCOPY RESOLUTION TEST CHART

1.0  1.2  1.4  1.6
1.1  1.2  1.4  1.6
1.25 1.4  1.6
COMMONWEALTH OF AUSTRALIA

Patents Act 1952

APPLICATION FOR A STANDARD PATENT

We, VAN STAAVEREN B.V.,
of P.O. Box 265, 1430 AG Aalsmeer, The Netherlands, hereby apply
for the grant of a Standard Patent for an invention entitled

"ALSTROEMERIA VARIETY: STAJELLO"

which is described in the accompanying complete specification.

Our address for service is: F.B. RICE & CO.,
28A Montague St,
Balmain N.S.W. 2041

Dated this 15th day of July 1986

VAN STAAVEREN B.V.

By: [Signature]
Registered Patent Attorney

TO: The Commissioner of Patents,
COMMONWEALTH OF AUSTRALIA
1. A new and distinct variety of alstroemeria plant substantially as herein shown and described, characterized by the distinctive darkish yellow overall coloring of its flower petals, its substantially continuous production of flowers, and the long-lasting quality of the flowers both on the stem and as cut flowers.
Complete Specification for the invention entitled:

"ALSTROEMERIA VARIETY - STAELLO"

The following statement is a full description of this invention including the best method of performing it known to Us:-
BACKGROUND OF THE INVENTION

This new variety of alstroemeria originated as a seedling resulting from breeding efforts carried on by me at Aalsmeer, Holland, with the object of obtaining a wider colour range and better wintertime production. This seedling resulted from my crossing Aur. 4 x 1198-1, unnamed varieties maintained by me for breeding purposes, and was selected for propagation and trial because of its brilliant yellow colour and the relatively large size of its flowers. This plant was asexually reproduced by me at Aalsmeer Holland, and subsequently, this plant was propagated through successive generations by dividing root stocks. This propagation demonstrated that the distinctive characteristics of the new plant hold true from generation to generation and appear to be firmly fixed. Propagation of this plant is now being carried on by root stock division at Aalsmeer, Holland.

DESCRIPTION OF THE DRAWING

My new variety of alstroemeria is illustrated by the accompanying full colour photographic drawing, which shows the form and colour characteristics of the flowers as nearly true as it is reasonably possible to obtain by conventional professional photographic procedures and processes.

DESCRIPTION OF THE NEW PLANT

The following is a detailed description of this new variety of alstroemeria with colour designations according to The R.H.S. Colour Chart published by The Royal Horticultural Society of London, England.

THE PLANT

Origin: Seedling

Parentage: Aur. 4 x 1198-1, unnamed varieties maintained for breeding purposes

Classification: Botanic - Alstroemeria Commercial - Alstroemeria for cut flower production

Form: Herbaceous, sturdy and upright
<table>
<thead>
<tr>
<th>Trait</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>About 1.5 to 2.0 meters at maturity</td>
</tr>
<tr>
<td>Growth</td>
<td>Vigorous</td>
</tr>
<tr>
<td>Root Stock</td>
<td>Tuberous, producing 40 or more buds during the year from which flower stalks grow in various stages of development during the course of the year</td>
</tr>
<tr>
<td>Branching</td>
<td>Each flower stalk branches at the top as an umbel to provide 4 to 8 flower bearing raceme stems which grow outward from about 12 cm. as buds and flowers develop</td>
</tr>
<tr>
<td>Foliage</td>
<td>Quantity - Abundant with 30 to 40 leaves</td>
</tr>
<tr>
<td>Form of Leaf</td>
<td>Long and narrow with acuminate apex</td>
</tr>
<tr>
<td>Texture</td>
<td>Soft</td>
</tr>
<tr>
<td>Colour</td>
<td>Dark green</td>
</tr>
<tr>
<td>THE BUD</td>
<td>Pear shaped at the beginning, becoming long pointed just before opening</td>
</tr>
<tr>
<td>Size</td>
<td>About 2.5 cm long at opening</td>
</tr>
<tr>
<td>Opening Rate</td>
<td>The bud opens slowly</td>
</tr>
<tr>
<td>Peduncle</td>
<td>Strong</td>
</tr>
<tr>
<td>THE FLOWER</td>
<td>Recurrent, early spring, midseason and Fall with more-or-less continuous, profuse production of flowers during each blooming season</td>
</tr>
<tr>
<td>Size</td>
<td>Medium</td>
</tr>
<tr>
<td>Diameter</td>
<td>About 5.5 cm.</td>
</tr>
<tr>
<td>Depth</td>
<td>About 4.5 cm.</td>
</tr>
<tr>
<td>Shape</td>
<td>Generally funnel-like</td>
</tr>
<tr>
<td>Borne</td>
<td>Singly on a long peduncle</td>
</tr>
<tr>
<td>Petalage</td>
<td>Number of petals - 6</td>
</tr>
</tbody>
</table>
Arrangement: 2 concentric circles of 3 each
Form: Wide elliptic, slightly serrated at the top
Texture: Soft
Appearance: Shiny
Colour:
- Outer petals - 17B plus 14A-B
- Inner petals - 14A plus 17B
- Reverse side of petals - 17B-C
Effect of Weather: Hot weather causes paler colour
Persistence: The flowers hand on and dry
Lasting Quality:
- On the plant - 14 days for each flower
- As a cut flower - 9 days for each flower
Discoloration: The flower colour darkens gradually as the flower ages

**REPRODUCTIVE ORGANS**

Stamens:
- Number: Six

Arrangement: One opposite each petal
Anthers: Length - About 8 mm
Pistils: Only one
Style: About 3.5 cm. long

This new variety of alstroemeria plant is distinguished by the bright yellow colour of its blooms and the broken lines of dark brown pencil-stripe spots which extend lengthwise of the inner, nectar-bearing petals. This plant is also distinguished by its vigorous growth and its continuous production of flowers borne on strong, upright, raceme stems which grow in simple umbel arrangement at the end of each stalk.
THE CLAIMS DEFINING THE INVENTION ARE AS FOLLOWS:-

1. A new and distinct variety of alstroemeria plant substantially as herein shown and described, characterized by the distinctive darkish yellow overall coloring of its flower petals, its substantially continuous production of flowers, and the long-lasting quality of the flowers both on the stem and as cut flowers.

DATED this 15th day of July 1986

VAN STAVEREN B.V.
Patent Attorneys for the Applicant:

F.B. RICE & CO.