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# United States Patent [19]

van Andel

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[45] Date of Patent: Sep. 19, 1995

[54] POT FREESIA VARIETY NAMED 'VAPOSU'  
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Netherlands  
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[51] Int. Cl.<sup>6</sup> ..... A01H 5/00

[52] U.S. Cl. .... Plt./83  
[58] Field of Search ..... Plt. 83

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## [57] ABSTRACT

A new variety of pot freesia suitable for growing in-  
doors as a potted plant.

1 Drawing Sheet

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### BACKGROUND OF THE INVENTION

This invention relates to a new and distinct variety of  
Freesia which originated by crossing two unpatented,  
unnamed varieties of this creation at the Van Staaveren  
b.v. Nursery in Aalsmeer the Netherlands. The female  
parent is identified as 86429-AP1 and the male parent is  
identified as 86411-AP1. The varietal demonination of  
the new variety is VAPOSU.

### SUMMARY OF THE INVENTION

Among the features which distinguish the new vari-  
ety from other presently available and known commer-  
cial cultivars are the following combinations of charac-  
teristics: attractive off-white flowers, a habit of growth  
which distinguishes the new variety as a plant suitable  
for growing in pots and referred to as a Pot freesia  
variety reflecting its natural dwarf characteristics with-  
out need of growth retardants, and its ability to flower  
independent of soil temperature up to about 23° C. in  
about 80 to about 110 days.

Asexual reproduction of the new variety vegetatively  
by corms and cormlets in Aalsmeer, Netherlands show  
the foregoing and other distinguishing characteristics  
are transmitted through succeeding generations.

### BRIEF DESCRIPTION OF ILLUSTRATION

The accompanying photograph illustrates the new  
variety and shows the flowering thereof from bud to  
full bloom depicted in color as nearly correct as it is  
possible to make in a color illustration of this character.  
Throughout this description, color values are based  
upon the Colour Chart of The Royal Horticultural  
Society of London, England, except where common  
terms of color definition are employed.

### DESCRIPTION OF THE NEW VARIETY

The following description is of Pot Freesia Plants of  
the new cultivar grown under glass in Aalsmeer, Neth-  
erlands, during the months of August and September.  
Phenotypic expression may vary with environment,  
cultural and climatic conditions, as well as differences  
and conditions in light, soil, and temperature.

### PLANT

- A. Form: Upright.  
B. Growth:

*Height attained.*—Depending on temperature about  
35 cm— about 45 cm. The higher the tempera-  
ture, the more leaves the plant produces and the

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longer they are at higher temperatures, the more  
buds are produced in a spike. The lower the light  
intensity the longer and weaker are the leaves.  
Each combination of temperature and light in-  
tensity has a special formative influence on plant  
shape. Measurements given herein were made on  
plants grown initially at 12° C. and up to 24° C.  
at flowering time. Generally, The cooler the  
plants are grown, the more compact the plants  
will grown and the more days that are necessary  
between planting and flowering.

*Branching.*—The flower stalk bears 1 or 2 short  
side shoots with flower buds.

### C. Flower stem:

1. *Length.*—Depending on temperature about 35  
cm to about 45 cm.
2. *Color.*—Medium green, surface rough.

### D. Foliage:

1. *Quantity.*—Five to eight leaves per item depend-  
ing on temperature.
2. *Size.*—Length: about 35 cm to about 45 cm;  
Width: about 1 cm to about 3 cm (depends on  
temperature and light intensity).
3. *Shape.*—Oblong with entire margins.
4. *Texture.*—Smooth.
5. *Color.*—Near 146 A/B.
6. *Veination.*—Fressia-like.
7. *Stem color.*—Near to 146A.
8. *Corms.*—Color: White with brown scales. Size:  
Varying with age, to 80 mm circumference.

### THE BUD STAGE

Bud form (shape): Long, ovate.

Bud size (dimensions): Length about 40 mm to about 45  
mm; diameter about 15 mm.

Opening rate: Medium.

Color:

*When petals first divide.*—155 D.

*When petals begin to unfurl.*—155 D.

Calyx: Tubular, smooth.

Size: Small.

### THE FLOWER STAGE

Blooming habit: Intermittent, once early.

Form: Freesia-like.

Approximate number of flowers: 7 to 9 per spike.

Borne: In a spike.

Size (fully expanded):

*Diameter.*—About 45 mm.

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*Depth.*—About 55 to 65 mm.

Shape: Cup shaped.

Color tonality from a distance: White.

Lasting quality (days) on plant: Each flower about 15 to about 20 days, depends on temperature.

Flower color:

*Describe flower coloration.*—Main color of innerside of the lateral outer tips near 155A.

*Inner petals.*—Main color of innerside of the medium outer tips, near 155A and near 23A; main color of innerside of the lateral inner tips, near 155A and near 23A.

*Outer petals.*—Main color of innerside of the lateral inner tips, near 155A.

*Discoloration as bloom ages.*—Flower color be- 15  
comes a darker shade to pale light brown.

*Petals*.—Number of petals — 6. Arrangement —  
Tubular imbricated.

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*Texture*.—Soft.

*Shape.*—6 tips to a tube.

*Persistence (No. of days) on plant.*—About 15 to about 20 days.

*Fragrance.*—Faintly salty.

## REPRODUCTIVE ORGANS

**Stamens: White.**

Color: White just before opening.

Pollen (color): White.

**Pistils: White.**

*Styles*.—White.

*Stigmas*.—White.

I claim:

1. A new and distinct variety of pot freesia substantially as described and illustrated herein.

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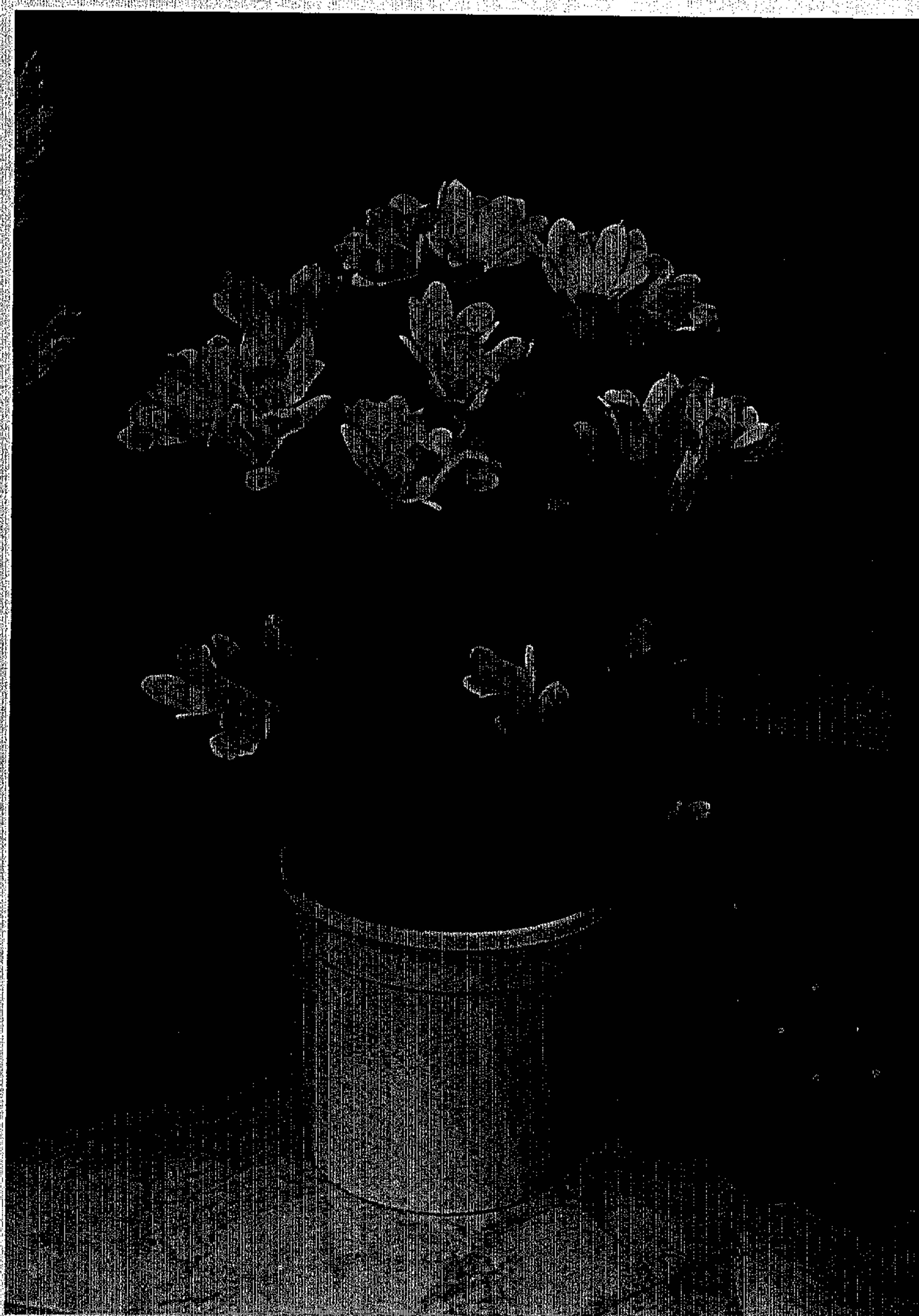
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**U.S. Patent**

**Sept. 19, 1995**

**Plant 9,295**





UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : Plant 9,295  
DATED : September 19, 1995  
INVENTOR(S) : Jacob van Andel

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 2, line 10, change "grown" to -- grow --.

Signed and Sealed this  
Second Day of April, 1996



BRUCE LEHMAN

*Commissioner of Patents and Trademarks*

*Attest:*

*Attesting Officer*