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(12) **United States Plant Patent**
van der Voort

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(54) **LILY PLANT NAMED ‘RIALTO’**

(58) **Field of Search** Plt./315

(50) Latin Name: *Lilium L. oriental*
Varietal Denomination: **Rialto**

(56) **References Cited**

FOREIGN PATENT DOCUMENTS

EP	7691	5/2001
NZ	2004	9/2002
PL	0 1901	2/2004
ZA	20032851	3/2003

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(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

OTHER PUBLICATIONS

UPOV–Rom GTI Jouve retrieval software, Plant Variety
Database 2004/02.*

* cited by examiner

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(65) **Prior Publication Data**

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Related U.S. Application Data

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2002.

(51) **Int. Cl.⁷** **A01H 5/00**

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(57) **ABSTRACT**

A new and distinct cultivar of Lily plant named ‘Rialto’
characterized by its large white flowers with contrasting
orange pollen and vigorous growth.

1 Drawing Sheet

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Latin name of the genus and species of the plant claimed:
Lilium L. oriental hybrid.
Variety denomination: Rialto.

BACKGROUND OF THE INVENTION

The present invention comprises a new and distinct cul-
tivar of lily plant, botanically known as *Lilium L.*, and
hereinafter referred to by the cultivar name ‘Rialto’.

‘Rialto’ is a product of a planned breeding program which
had the objective of creating new lily cultivars having many
large, upright flowers and vigorous growth habit.

‘Rialto’ originated from a hybridization made by the
inventor, Cees A. van der Voort, in a controlled breeding
program in Rijnsburg, the Netherlands in October, 1996.
Both the female and male parents are unnamed proprietary
Lilium L. seedlings.

‘Rialto’ was discovered and selected as one flowering
plant within the progeny of the stated cross by the inventor
in October, 1996 in a controlled environment in Rijnsburg,
the Netherlands.

The first act of asexual reproduction of ‘Rialto’ was
accomplished when scales were taken from the initial selec-
tion and grown to maturity in a controlled environment in
Rijnsburg, the Netherlands by, or under the supervision of,
Cees A. van der Voort. Horticultural examination of selected
plants has demonstrated that the combination of character-
istics as herein disclosed for ‘Rialto’ are firmly fixed and are
retained through successive generations of asexual repro-
duction.

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BRIEF DESCRIPTION OF THE INVENTION

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

1. large, white flowers with contrasting orange pollen; and
2. vigorous growth habit.

Of the many commercial cultivars known to the present
inventor, the most similar in comparison to ‘Rialto’ is the
Lily cultivar ‘Simplon’, described in pending U.S. Plant Pat.
application Ser. No. 09/357,100. However, in side-by-side
comparisons conducted by the inventor in Stige, Denmark,
the main distinction between the two cultivars is:

1. Both plants of ‘Rialto’ and ‘Simplon’ have the same
stem firmness, but the flower color of ‘Rialto’ is more
bright white than ‘Simplon’.

‘Rialto’ has not been observed under all possible envi-
ronmental conditions. The phenotype of the new cultivar
may vary significantly with variations in environment such
as temperature, light intensity, and daylength without any
change in genotype.

BRIEF DESCRIPTION OF THE DRAWING

The accompanying color photographic drawing shows a
side-view of a typical plant of ‘Rialto’, with colors being as
true as possible with illustrations of this type.

The photographic drawing shows the large, white flowers
with contrasting orange pollen, the buds, and leaves of
‘Rialto’.

DETAILED BOTANICAL DESCRIPTION

The following observations, measurements and values describe the new cultivar as grown in Rijnsburg, The Netherlands under conditions which closely approximate those generally used in commercial practice. The plant is grown under controlled climate conditions, preferably in greenhouse constructions. Color references are made to The Royal Horticultural Society (R.H.S.) Colour Chart (publication date 2001), except where general colors of ordinary significance are used. Color values were taken under daylight conditions at approximately 12:00 p.m. in Rijnsburg, The Netherlands. The age of the plant described is about 90 days.

Parentage:

Male parent.—Unnamed proprietary seedling (unpatented).

Female parent.—Unnamed proprietary seedling (unpatented).

Propagation: Scales were taken from the bulbs.

Plant:

General appearance and form:

Height.—Medium to tall, 105 cm, depending on growing conditions.

Flowering season.—All year round in controlled climate conditions in a greenhouse.

Winter hardiness/weather tolerance.—None.

Lastingness of the individual bloom.—Minimum 21 days, depending on storing conditions.

Rooting habit.—Vigorous.

Fragrance.—Very weak.

Stem description:

Length.—Medium to long, 90 cm., depending growing conditions.

Diameter.—4 mm.

Strength.—Very strong.

Foliage:

Overall shape of leaf.—Ovate.

Quantity.—Approximately 35–45, depending on growing conditions.

Length.—Medium, 10 cm, depending on growing conditions.

Width.—Wide, 3.5 cm, depending on growing conditions.

Texture.—Minimal pubescence.

Color of upper surface.—Mature leaf: Dark green — RHS 133A. Immature leaf: Medium green — RHS 137A.

Color of lower surface.—Mature leaf: Dark green — RHS 133A. Immature leaf: Medium green — RHS 137A. Venation color: Upper surface: Dark green — RHS 133A (mature leaf); medium green — RHS 137A (immature leaf). Lower surface (mature and immature leaf): medium green — RHS 136C.

Petiole.—Length: 3 mm. Color: Green — RHS 136C.

Flowers:

Flower type and habit.—Raceme.

Flower size.—15 cm Diameter.

Overall shape.—Hexagonal star in form and bowl-shaped in cross-section.

Average number of flowers per lateral branch.—3, depending on growing conditions.

Tepals.—Number of tepals: 6. Texture: Papillose. Tepal size: Medium length 8 cm; medium to wide width, 4.5 cm. Tepal color: Upper surface: White RHS 155D. Lower surface: White RHS 155D.

Bud:

Form.—Tapering.

Color.—Light green — RHS 138D.

Length.—8.5 cm, depending on growing conditions.

Diameter.—3.5 cm depending on growing conditions.

Peduncles.—3 cm length, angle upright to horizontal, color: medium green — RHS 136C.

Reproductive organs:

Stamen.—Number: 6. Color: Green RHS 138D.

Seeds.—None.

Fruit.—None.

Anthers.—Number: 6. Color: Yellow-Green — RHS 145A.

Pollen.—Color: Greyed red RHS 180A.

Stigma.—1. Color: Brown — RHS N200D.

Disease resistance: No known information.

I claim:

1. A new and distinct cultivar of lily plant named 'Rialto', as illustrated and described herein.

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