

(12) **United States Plant Patent**  
**Schreurs**

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(54) **HYBRID TEA ROSE PLANT NAMED**  
**‘SCHIRUS’**

(50) Latin Name: *Rosa hybrida*  
Varietal Denomination: **Schirus**

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patent is extended or adjusted under 35  
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Plt./104

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(57) **ABSTRACT**

A distinctive cultivar of Hybrid Tea Rose plant named  
‘Schirus’, characterized by its dark green-colored leaves;  
vigorous growth habit; long and strong flowering stems;  
large white-colored flowers with numerous petals; high yield  
of cut flowering stems; and good postproduction longevity.

**1 Drawing Sheet**

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Botanical classification/cultivar designation: *Rosa*  
*hybrida* cultivar Schirus.

**BACKGROUND OF THE INVENTION**

The present invention relates to a new and distinct cultivar  
of Hybrid Tea Rose plant, botanically known as *Rosa*  
*hybrida*, and hereinafter referred to by the cultivar name  
Schirus.

The new cultivar is a product of a planned breeding  
program conducted by the Inventor in De Kwakel, The  
Netherlands. The objective of the breeding program was to  
develop new cut Rose cultivars with a high yield of cut  
flowering stems, attractive flower color, long and strong  
stems, dark green leaves and good postproduction longevity.

The new cultivar originated from a cross made by the  
Inventor in 1999 of two unnamed proprietary selections, not  
patented. The cultivar Schirus was discovered and selected  
by the Inventor as a flowering plant within the progeny of  
the stated cross in a controlled environment in De Kwakel,  
The Netherlands. The new cultivar differs primarily from  
plants of the parental unnamed proprietary selections in  
flower color.

Asexual reproduction of the new cultivar by cuttings  
taken at De Kwakel, The Netherlands, since 2000, has  
shown that the unique features of the new cultivar are stable  
and reproduced true to type in successive generations of  
asexual reproduction.

**SUMMARY OF THE INVENTION**

The following traits have been repeatedly observed and  
are determined to be the unique characteristics of ‘Schirus’.  
These characteristics in combination distinguish the new  
Hybrid Tea Rose as a new and distinct cultivar:

1. Dark green-colored leaves.
2. Vigorous growth habit.
3. Long and strong flowering stems.

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4. Large white-colored flowers with numerous petals.
5. High yield of cut flowering stems.
6. Good postproduction longevity.

Plants of the new Hybrid Tea Rose can be compared to  
plants of the cultivar Schreblank, not patented. In side-by-  
side comparisons conducted in De Kwakel, The  
Netherlands, plants of the new Hybrid Tea Rose differed  
from plants of the cultivar Schreblank in the following  
characteristics:

1. Plants of the new Hybrid Tea Rose had longer flowering  
stems than plants of the cultivar Schreblank.
2. Flowers of plants of the new Hybrid Tea Rose had more  
petals than flowers of plants of the cultivar Schreblank.

**BRIEF DESCRIPTION OF PHOTOGRAPHS**

The accompanying colored photographs illustrate the new  
Hybrid Tea Rose plant showing the colors as true as it is  
reasonably possible to obtain in colored reproductions of  
this type. Colors in the photographs may differ slightly from  
the color values cited in the detailed botanical description  
which accurately describe the actual colors of the new  
Hybrid Tea Rose.

The photograph at the top of the sheet comprises a side  
perspective view of a typical flower of the new Hybrid Tea  
Rose.

The photograph at the bottom of the sheet comprises a top  
perspective view of the lower surface (left) and the upper  
surface (right) of typical leaves of the new Hybrid Tea Rose.

**DETAILED BOTANICAL DESCRIPTION**

Plants of the new Hybrid Tea Rose have not been  
observed under all possible environmental conditions. The  
phenotype may vary significantly with variations in envi-  
ronment such as temperature and light without, however,  
any variance in genotype.

The aforementioned photographs, following observations and measurements describe plants grown in De Kwakel, The Netherlands, in glass-covered greenhouses with an average day temperature of 19° C. and an average night temperature of 15° C. Plants used for the photographs and the description were about five months old. In the following description, color references are made to The Royal Horticultural Society Colour Chart, 1995 Edition, except where general terms of ordinary dictionary significance are used.

Classification:

*Botanical*.—*Rosa hybrida* cultivar Schirus.

*Commercial*.—Hybrid Tea Rose used as a cut flower.

Parentage:

*Female, or seed, parent*.—Unnamed proprietary selection of *Rosa hybrida*, not patented.

*Male, or pollen, parent*.—Unnamed proprietary selection of *Rosa hybrida*, not patented.

Propagation:

*Type*.—By vegetative cuttings.

*Time to initiate roots*.—About 12 days at 25° C.

*Time to develop roots*.—About 25 days at 25° C.

*Root description*.—Fine, fibrous and well-branched.

Plant description:

*Form*.—Upright.

*Plant height*.—About 90 to 110 cm.

*Plant width*.—About 100 to 110 cm.

*Growth habit*.—Vigorous.

*Yield of flowering stems*.—In one year, about 160 flowering stems per square meter can be harvested per plant.

*Flowering stems*.—Quantity per plant: About 10 to 12 per plant. Aspect: Straight, upright. Strength: Strong. Length: About 80 to 90 cm. Diameter: About 2 cm. Internode length: About 6 to 9 cm. Texture: Glabrous. Color: 146B. Thorns: Quantity: About three per 5 cm of stem length. Height: About 4 to 5 mm. Diameter, at base: About 5 to 7 mm. Shape: Triangular. Color: Towards the apex, 177D; towards the base, 191B.

*Foliage description*.—Arrangement: Alternate; compound with about 3 to 7 leaflets. Quantity per flowering stem: About 11 compound leaves. Leaf length: About 14 to 19 cm. Leaf width: About 10 to 12 cm. Terminal leaflet length: About 6 to 10 cm. Terminal leaflet width: About 4 to 6 cm. Lateral leaflet length: About 4 to 8 cm. Lateral leaflet width: About 4 to 6 cm. Leaflet shape: Ovate. Leaflet apex: Acuminate. Leaflet base: Obtuse. Leaflet margin: Serrulate. Leaflet texture, upper and lower surfaces: Glabrous; leathery; semi-glossy to matte. Leaflet venation pattern: Pinnate. Leaf petiole length: About 4 to 5 cm. Leaf petiole diameter: About 2 mm. Leaflet petiole length: About 5 to 10 mm. Leaflet petiole diameter: About 1 to 2 mm. Stipules: Length: About 1.2 cm. Diameter: About 7 mm. Shape: Roughly lanceolate. Apex: Cleft. Base: Cuneate. Texture, upper and lower surfaces: Glabrous; leathery. Color: Developing foliage, upper surface: 137A. Developing

foliage, lower surface: 147B to 147C. Fully expanded foliage, upper surface: 139A. Fully expanded foliage, lower surface: 138B underlain with 184B. Venation, upper surface: 183B. Venation, lower surface: 182C. Leaf and leaflet petioles, upper and lower surfaces: 146B. Stipule, upper surface: 174A. Stipule, lower surface: 146B.

Flower description:

*Flower type and habit*.—Large white-colored flowers with numerous petals; symmetrical rosette flowers. Freely and recurrent flowering habit. Flowers arranged singly at terminal apices. Petals persistent.

*Flowering season/time to flower*.—Year-round under greenhouse conditions.

*Flower diameter*.—About 10 to 14 cm.

*Flower depth (height)*.—About 5 to 6 cm.

*Flower longevity on plant*.—About three weeks.

*Flower longevity as a cut flower*.—About two weeks.

*Fragrance*.—Slight, typical rose fragrance.

*Flower buds (at stage of showing color)*.—Shape: Ovoid. Length: About 3 to 4 cm. Diameter: About 2 to 3 cm. Color: 145A.

*Petals/petaloids*.—Quantity: About 50 to 55 per flower arranged in numerous whorls. Length, outer petals: About 3.3 to 7.5 cm. Width; outer petals: About 2.3 to 8.2 cm. Shape: Obovate. Apex: Acuminate. Margin: Entire; petals reflex with development. Texture: Smooth, satiny. Color: When opening, upper and lower surfaces: 155A. Fully opened, upper and lower surfaces: 155C; outermost or guard petals, 155C with 145A towards the apex.

*Sepals*.—Quantity per flower: Five. Length: About 4 to 5 cm. Width: About 1 to 1.3 cm. Shape: Lanceolate; typically with extensions or appendages. Apex: Apiculate. Base: Cuneate. Margin: Entire. Texture, upper and lower surfaces: Pubescent. Color, upper and lower surfaces: 146B.

*Peduncles*.—Strength: Strong. Aspect: Erect. Length: About 13 to 17 cm. Diameter: About 4 to 5 mm. Texture: Glabrous. Color: 146B.

*Reproductive organs*.—Stamens: Quantity per flower: About 80. Anther length: About 3 mm. Anther shape: Elliptic. Anther color: 17C. Filament color: 10D. Pistils: Quantity per flower: About 150. Pistil length: About 1.3 cm. Stigma shape: Elliptic. Stigma color: 4D. Style length: About 1 cm. Style color: 4D. Receptacle height: About 2 to 2.3 cm. Receptacle diameter: About 1 to 1.2 cm. Receptacle color: 144A.

*Seed/fruit*.—Seed and fruit development has not been observed.

Disease/pest resistance: Plants of the new Hybrid Tea Rose have not been observed to be resistant to pathogens and pests common to roses.

It is claimed:

1. A new and distinct Hybrid Tea Rose plant named 'Schirus', as illustrated and described.

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