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

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(54) **ADENANTHOS PLANT NAMED ‘NIR AVIV’**

(50) Latin Name: *Adenanthos sericeus*
Varietal Denomination: **NIR AVIV**

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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 101 days.

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(65) **Prior Publication Data**

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(51) **Int. Cl.**
A01H 5/00 (2006.01)

(52) **U.S. Cl.**
USPC **Plt./226**

(58) **Field of Classification Search**
USPC Plt./226
See application file for complete search history.

(56) **References Cited**

PUBLICATIONS

UPOV—PLUTO Plant Variety Database, Jul. 22, 2015, citation for ‘Aviv’.*

www.livingarch.woodpress.com/category/plants ‘Plants—The Living Blog’, obtained from the Internet on Sep. 1, 2015 (7 pages total).*

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(57) **ABSTRACT**

A new and distinct *Adenanthos* cultivar named ‘NIR AVIV’ is disclosed, characterized by unique branch structure and prostrate plant habit. The new variety is a *Adenanthos*, normally used for ornamental foliage, or landscape purposes.

1 Drawing Sheet

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Latin name of the genus and species: *Adenanthos sericeus*.
Variety denomination: ‘NIR AVIV’.

BACKGROUND OF THE INVENTION

The new *Adenanthos* cultivar is a product of open pollination. The new variety was discovered as a seedling growing in a field of various *Adenanthos sericeus* varieties by the inventor, Nitzan Nir, in Kfar Hess, Israel. The new variety was selected during 2008, at a commercial nursery in Kfar Hess, Israel. The exact parents are unknown, and believed to be unnamed varieties of *Adenanthos*.

Asexual reproduction of the new cultivar has been performed by vegetative cuttings. This was first performed at a commercial nursery in Kfar Hess, Israel in 2008 and has shown that the unique features of this cultivar are stable and reproduced true to type in 6 successive generations.

SUMMARY OF THE INVENTION

The cultivar ‘NIR AVIV’ has not been observed under all possible environmental conditions. The phenotype may vary somewhat with variations in environment such as temperature, day length, and light intensity, without, however, any variance in genotype.

The following traits have been repeatedly observed and are determined to be the unique characteristics of ‘NIR AVIV’. These characteristics in combination distinguish ‘NIR AVIV’ as a new and distinct *Adenanthos* cultivar:

1. Dense, sturdy branching
2. Prostrate plant form.

PARENT COMPARISON

The parents are unknown to the inventor.

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COMMERCIAL COMPARISON

Plants of the new cultivar ‘NIR AVIV’ are comparable to the commercial variety *Adenanthos sericeus*. ‘Chris Tal’,
5 having application Ser. No. 13/999,888. The two *Adenanthos* varieties are similar in most horticultural characteristics; however, the new variety ‘NIR AVIV’ differs in the following characteristics;

1. Plants of ‘NIR AVIV’ are prostrate, whereas plants of ‘Chris Tal’ are erect.

Plants of the new cultivar ‘NIR AVIV’ are comparable to the unpatented commercial variety *Adenanthos sericeus*. ‘Aviv’. The two *Adenanthos* varieties are similar in most horticultural characteristics; however, the new variety ‘NIR AVIV’ differs in the following characteristics;

1. Plants of ‘NIR AVIV’ are denser and more compact, with more branches per plant than plants of ‘Aviv’.
2. Plants of ‘NIR AVIV’ have a shorter internode distance than plants of ‘Aviv’.
3. Branches of ‘NIR AVIV’ are sturdier than branches of ‘Aviv’, less prone breakage and better suited for pot plant production.

Plants of the new cultivar ‘NIR AVIV’ can also be compared to the unnamed, unpatented commercial variety *Adenanthos sericeus*. Varieties are similar in most horticultural characteristics; however ‘NIR AVIV’ differs in the following characteristics;

1. Prostrate plant habit, compared to semi-erect plant habit.

BRIEF DESCRIPTION OF THE PHOTOGRAPH

The accompanying photograph in FIG. 1 illustrates in full color a typical plant of ‘NIR AVIV’ grown in a commercial greenhouse in Kfar, Israel. The plant is 4-5 months old from a rooted cutting, in a 25 cm pot.

The photograph was taken using conventional techniques and although colors may appear different from actual colors due to light reflectance it is as accurate as possible by conventional photographic techniques.

DETAILED BOTANICAL DESCRIPTION

In the following description, color references are made to The Royal Horticultural Society Colour Chart 2007 except where general terms of ordinary dictionary significance are used. The following observations and measurements describe typical plant of 'NIR AVIV' grown in a commercial greenhouse in Kfar, Israel. The plant is at least 2 months old from a rooted cutting, in a 25 cm pot. The growing temperature ranged from 15° C. to 35° C. during the day and from 2° C. to 35° C. during the night. General light conditions are bright, normal sunlight. Measurements and numerical values represent averages of typical plant types. Chemical treatments included general fungicides and insecticides.

Botanical classification: *Adenanthos sericeus* 'NIR AVIV'.

PROPAGATION

Time to produce a rooted plantlet: 30 to 60 days at approximately 24° C.

Root description: Semi-woody, fine.

PLANT

Growth habit: Prostrate evergreen shrub.

Height: 20-40 cm to top of foliage.

Plant spread: 200 cm.

Branching characteristics: Moderate branching from base.

Length of primary lateral branches: 15 to 35 cm.

Quantity of primary lateral branches: Approximately 12 to 18.

Characteristics of primary lateral branches:

Form.—Round in cross section.

Diameter.—0.2-0.6 cm.

Color.—Grey-green 194A RHS.

Texture.—Hairy.

Strength.—Flexible.

Internode length: 0.2-5.0 cm. (measured in section of 20 cm from top).

FOLIAGE

Leaf:

Arrangement.—Alternate.

Quantity.—Approximately 9 leaves, in the 10-15 cm section from the top of the branch.

Average length.—4.0 cm.

Average width.—2.5 cm.

Shape of blade.—Needle.

Apex.—Needle-shaped.

Base.—Elliptical.

Margin.—Entire.

Texture of all surfaces.—Hairy.

Aspect.—Straight.

Color.—Young foliage upper side: Yellow-green 146C

RHS. Young foliage under side: Yellow-green 146C

RHS. Mature foliage upper side: Green 137A RHS.

Mature foliage under side: Green 137A RHS.

Venation.—Indistinguishable.

Petiole.—Length: 0.7 cm. Diameter: 0.1 cm. Color: Green 137A RHS. Texture: Hairy.

FLOWER

Natural flowering season: Flowering rare in *Adenanthos* and not observed to date with new variety.

OTHER CHARACTERISTICS

Disease/pest resistance: Neither resistance nor susceptibility to the normal diseases and pests of *Adenanthos* have been observed to date.

Temperature tolerance: From -2° C. to 35° C.

Drought tolerance: Extremely drought tolerant.

What is claimed is:

1. A new and distinct cultivar of *Adenanthos* plant named 'NIR AVIV' as herein illustrated and described.

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