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

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(54) *SUTERA* PLANT NAMED ‘DANOVA900’

(52) **U.S. Cl.** **Plt./263**

(50) Latin Name: *Sutera hybrida*
Varietal Denomination: **Danova900**

(58) **Field of Classification Search** Plt./263
See application file for complete search history.

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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.

(57) **ABSTRACT**

A new and distinct cultivar of *Sutera* plant named
‘Danova900’, characterized by its outwardly spreading and
low mounding plant habit; vigorous growth habit; freely
branching habit; early and continuous flowering habit; large
lavender-colored flowers; and good garden performance.

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(22) Filed: **Feb. 7, 2006**

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

1 Drawing Sheet

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Botanical designation: *Sutera hybrida*.
Cultivar denomination: ‘Danova900’.

BACKGROUND OF THE INVENTION

The present Invention relates to a new and distinct culti-
var of *Sutera* plant, botanically known as *Sutera hybrida*,
and hereinafter referred to by the cultivar name
‘Danova900’.

The new *Sutera* is a product of a planned breeding
program conducted in Moshav Mishmar Hashiva, Israel.
The objective of the breeding program is to develop new
uniform *Sutera* cultivars with large and numerous flowers.

The new *Sutera* originated from an open-pollination in
August, 2001 of a proprietary selection of *Sutera hybrida*
identified as code number BA-1-12, not patented, as the
female, or seed, parent with an unidentified selection of
Sutera hybrida, as the male, or pollen, parent. The cultivar
Danova900 was discovered and selected by the Inventor as
a flowering plant within the progeny from the aforemen-
tioned open-pollination in a controlled environment in
Moshav Mishmar Hashiva, Israel in February, 2002.

Asexual reproduction of the new cultivar by terminal
cuttings in Moshav Mishmar Hashiva, Israel since March,
2002, has shown that the unique features of this new *Sutera*
are stable and reproduced true to type in successive genera-
tions.

SUMMARY OF THE INVENTION

Plants of the cultivar Danova900 have not been observed
under all possible environmental conditions. The phenotype
may vary somewhat with variations in environment such as
temperature and light intensity without, however, any vari-
ance in genotype.

The following traits have been repeatedly observed and
are determined to be the unique characteristics of
‘Danova900’. These characteristics in combination distin-
guish ‘Danova900’ as a new and distinct cultivar of *Sutera*:

1. Outwardly spreading and low mounding plant habit.
2. Vigorous growth habit.
3. Freely branching habit.

4. Early and continuous flowering habit.
5. Large lavender-colored flowers.
6. Good garden performance.

Compared to plants of the female parent selection, plants
of the new *Sutera* flower earlier and have larger flowers.

Plants of the new *Sutera* can be compared to plants of the
Sutera hispida cultivar Dancoplacé, disclosed in U.S. Plant
Pat. No. 14,458. In side-by-side comparisons, plants of the
new *Sutera* differed from plants of the cultivar Dancoplacé
in the following characteristics:

1. Plants of the new *Sutera* flowered earlier than plants of
the cultivar Dancoplacé.
2. Plants of the new *Sutera* had larger flowers than plants
of the cultivar Dancoplacé.
3. Plants of the new *Sutera* and the cultivar Dancoplacé
differed in flower color as plants of the cultivar Dan-
coplacé had white-colored flowers.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

The accompanying colored photographs illustrate the
overall appearance of the new cultivar, showing the colors as
true as it is reasonably possible to obtain in colored repro-
ductions of this type. Colors in the photographs may differ
slightly from the color values cited in the detailed botanical
description which accurately describe the colors of the new
Sutera.

The photograph at the bottom of the sheet comprises a
side perspective view of a typical flowering plant of
‘Danova900’ grown in a container.

The photograph at the top of the sheet comprises a
close-up view of typical flowers and leaves of ‘Danova900’.

DETAILED BOTANICAL DESCRIPTION

The aforementioned photographs and following observa-
tions and measurements describe plants grown in Bonsall,
Calif., in an outdoor nursery during the winter with day
temperatures ranging from 18° C. to 35° C. and night
temperatures ranging from 10° C. to 18° C. Plants were

grown in 15-cm containers and were about three months old. Color references are made to The Royal Horticultural Society Colour Chart, 1995 Edition, except where general terms of ordinary dictionary significance are used.

Botanical classification: *Sutera hybrida* cultivar Danova900.
Parentage:

Female, or seed, parent.—Proprietary selection of *Sutera hybrida* identified as code number BA-1-12, not patented.

Male, or pollen, parent.—An unidentified selection of *Sutera hybrida*, not patented.

Propagation:

Type cutting.—Terminal vegetative cuttings.

Time to initiate roots, summer.—About seven days at 24° C.

Time to initiate roots, winter.—About ten days at 18° C.

Time to produce a rooted young plant, summer.—About 15 days at 24° C.

Time to produce a rooted young plant, winter.—About 18 days at 18° C.

Root description.—Fine, fibrous; white in color.

Rooting habit.—Freely branching; dense.

Plant description:

Form.—Outwardly spreading and low mounding plant habit. Freely and continuously branching with about seven primary lateral branches each with about four to six secondary lateral branches. Vigorous growth habit.

Plant height.—About 14 cm.

Plant diameter.—About 40 cm.

Lateral branches.—Length: About 27 cm. Diameter: About 1.5 mm. Internode length: About 2.6 cm. Texture: Pubescent; minute. Strength: Strong. Color: 144B.

Foliage description.—Arrangement: Opposite; simple. Length: About 2.1 cm. Width: About 1.8 cm. Shape: Elliptic. Apex: Broadly acute. Base: Attenuate. Margin: Shallow serrations. Texture, upper and lower surfaces: Sparsely pubescent. Venation pattern: Pinnate, arcuate. Color: Developing foliage, upper surface: 146A. Developing foliage, lower surface: 146B. Fully expanded foliage, upper surface: 147A; venation, 147A. Fully expanded foliage, lower surface: 147B; venation, 147B. Petiole length: About 6 mm. Petiole diameter: About 2 mm. Petiole texture, upper and lower surfaces: Sparsely pubescent. Petiole color, upper surface: 147A. Petiole color, lower surface: 147B.

Flower description:

Flower type and habit.—Solitary axillary flowers; salverform; slender corolla tubes flare abruptly into five rounded lobes. Flowers persistent. Very freely flow-

ering; typically about 46 flower buds and open flowers per lateral branch. Flowers face mostly upward or outward. Flowers persistent.

Natural flowering season.—Plants typically flower from spring until fall; flowering continuous during this period.

Flower longevity on the plant.—About five to six days.

Fragrance.—None detected.

Flower diameter.—About 1.6 cm.

Flower depth.—About 1.2 cm.

Flower buds.—Length: About 8 mm. Diameter: About 3 mm. Shape: Obovate. Color: 91D.

Corolla.—Quantity/arrangement: Five fused petals; slender corolla tube flaring abruptly into five rounded lobes. Petal lobe length from throat: About 6 mm. Petal lobe width: About 6 mm. Petal lobe shape: Roughly spatulate. Petal lobe apex: Rounded. Petal lobe margin: Entire. Texture, upper and lower surfaces: Smooth, glabrous. Color: When opening, upper surface: 91C. When opening, lower surface: Lighter than 91D. Fully opened, upper and lower surfaces: 91D. Flower throat (inside): 23A. Flower tube (outside): 15C.

Sepals.—Arrangement/appearance: Single whorl of five sepals fused at base; star-shaped calyx. Length: About 4.5 mm. Width: Less than 1 mm. Shape: Lanceolate. Apex: Acute. Margin: Entire. Texture, upper and lower surfaces: Pubescent, minute. Color, upper and lower surfaces: 146A.

Peduncles.—Length: About 1.1 cm. Width: Less than 1 mm. Angle: About 45° from the stem. Strength: Strong. Texture: Pubescent; minute. Color: 146B.

Reproductive organs.—Stamens: Quantity per flower: Four. Anther shape: Oval. Anther length: About 1 mm. Anther color: 15B. Pollen amount: Scarce. Pollen color: 15B. Pistils: Quantity per flower: One. Pistil length: About 1 cm. Style length: About 8 mm. Style color: 145B. Stigma shape: Round. Stigma color: 146A. Ovary color: 145B.

Seed/fruit.—Seed and fruit production has not been observed.

Disease/pest resistance: Plants of the new *Sutera* have not been noted to be resistant to pathogens or pests common to *Sutera*.

Garden performance: Plants of the new *Sutera* have been observed to have good garden performance. Plants of the new *Sutera* tolerate temperatures from about 2° C. to 38° C. and to tolerate wind and rain.

It is claimed:

1. A new and distinct cultivar of *Sutera* plant named 'Danova900', as illustrated and described.

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