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(54) **SANSEVIERIA PLANT NAMED ‘SUPSAN1301’**

(50) Latin Name: *Sansevieria aeethiopica*×*cylandrica*
Varietal Denomination: **SUPSAN1301**

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patent is extended or adjusted under 35
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USPC **Plt./382**

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(57) **ABSTRACT**

A new and distinct *Sansevieria* cultivar named
‘SUPSAN1301’ is disclosed, characterized by unique plant
form, rosette leaf arrangement, and leaves that change from
cylindrical to less terete as they mature. The new variety is a
Sansevieria, typically produced as an indoor ornamental
plant.

1 Drawing Sheet

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Latin name of the genus and species: *Sansevieria aeethi-*
opica×*cylandrica*.

Variety denomination: ‘SUPSAN1301’.

BACKGROUND OF THE INVENTION

This application relates to a new cultivar of *Sansevieria*
aeethiopica×*cylandrica*. The new variety is the product of a
planned breeding program, originating as a seedling from the
open pollination of an unpatented, unnamed, proprietary seed
parent *Sansevieria aeethiopica* with an unknown, unpat-
ented, proprietary pollen parent variety of *Sanservieria cylin-*
drica. The actual pollen variety is unknown because the cross
was made by means of open pollination process in a nursery
where several proprietary hybrids of *Sanservieria cylindrica*
were present. Any of the present hybrids could have acted as
the pollen variety. All aforementioned *Sanservieria cylin-*
drica hybrids were created by the breeder and never commer-
cially introduced or published and therefore do not have a
variety name. The open pollination took place in 2003.

The new variety was first observed by the inventor, Thum-
rong Suphachadiwong, a citizen of Thailand, in 2005 after
planting as a seedling in 2004 in a research greenhouse
belonging to the inventor in Chonburi, Thailand. After iden-
tifying the new variety as a potentially interesting selection,
the inventor continued confidential testing and propagation of
‘SUPSAN1301’, assessing stability of the unique character-
istics of this variety.

Asexual reproduction of the new cultivar ‘SUPSAN1301’
was first performed at a research greenhouse belonging to the
inventor in Chonburi, Thailand by leaf cuttings of original
plant in 2005. Access to all plants was restricted, as plants
were kept in a greenhouse not open to the public, belonging to
the inventor, and not accessible to the public. Through sub-
sequent propagation, more than 8 generations have been
reproduced, which have shown that the unique features of this
cultivar are stable and reproduced true to type.

SUMMARY OF THE INVENTION

The cultivar ‘SUPSAN1301’ has not been observed under
all possible environmental conditions. The phenotype may

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vary somewhat with variations in environment such as tem-
perature, 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
‘SUPSAN1301’. These characteristics in combination distin-
guish ‘SUPSAN1301’ as a new and distinct *Sansevieria* cul-
tivar:

1. The young leaves of the candidate variety have a more
cylindrical shape and as they mature, the form gradually
changes from cylindrical to less and less terete.
2. Shape of plant; leaves arranged more as a rosette, rather
than arranged in as a fan shape, or spiral which is com-
mon for *Sanservieria cylindrica* varieties.
3. Growth habit of the plant is unique as a whole.

PARENT COMPARISON

Plants of the new cultivar ‘SUPSAN1301’ are similar to the
seed parent, the unpatented, unnamed, proprietary *Sansevi-*
eria aeethiopica in most horticultural characteristics. How-
ever the new variety, ‘SUPSAN1301’ differs from seed parent
in the following characteristics:

1. Leaves much longer and pointy, thicker in caliber and
much more terete to cylindrical. Mother variety; leaves
much flatter, shorter and broader.
2. More heavily branched, leaves arranged in a more
rosette like way.
3. Taller less compact form.

Plants of the new cultivar ‘SUPSAN1301’ are similar to the
possible but unknown pollen parent, *Sanservieria cylindrica*
in most horticultural characteristics. However the new vari-
ety, ‘SUPSAN1301’ differs from possible pollen parent in the
following characteristics:

1. Shorter leaves, less cylindrical than father variety.
Leaves mature from more cylindrical to more terete.
2. Rosette growth form. Farther variety is of fan shape to
spiraling form.
3. Leaf texture is smoother.

COMMERCIAL COMPARISON

There is no similar variety but 'SUPSAN1301' could perhaps be best compared with the unpatented commercial variety *Sansevieria cylindrica* 'Skyline' because the spotting of the leaf is somewhat similar. However the new variety, 'SUPSAN1301' differs from 'Skyline' in the following characteristics:

1. Leaves have slight arch. Comparator has straight leaves.
2. Branches very heavily. Branches produce many leaves with very short internodes. Comparator produces long branches which have leaves with very long internodes.
3. More rosette form. Comparator form is more fan shaped.
4. Very smooth leaf texture. Comparator leaf texture is coarse.
5. Leaves are less cylindrical to terete. Comparator leafs are more cylindrical.

BRIEF DESCRIPTION OF THE PHOTOGRAPH

The accompanying photograph in FIG. 1 illustrates in full color a typical plant of 'SUPSAN1301' grown in a commercial greenhouse in Honselersdijk, the Netherlands. The plant is 40 weeks old a 12 cm circular 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 'SUPSAN1301' plant is bred in Chonburi, Thailand and hardened in a commercial greenhouse in Honselersdijk, the Netherlands. The plant is 35 weeks old in a 12 cm circular pot. Temperatures ranged between 22° C. to 40° C. during the day and 17° C. to 30° C. at night. No chemical treatments were given to the plants. Measurements and numerical values represent averages of typical plant types.

Botanical classification: *Sansevieria aeethiopica* × *cylindrica* 'SUPSAN1301'.

PROPAGATION

Time to initiate rooting: About 2 to 3 months at approximately 17° C. to 40° C.

Root description: Moderately thick, slightly fleshy, slightly fibrous, moderately dense, moderately branched, colored greyed-orange, near RHS N170B.

PLANT

Growth habit: Monopodial, rosetate.

Growth rate: Approximately 5 cm per month.

Height: Approximately 48.5 cm.

Plant spread: Approximately 36.5 cm.

Growth rate: Moderate. Approximately 5 cm per month.

Number of Leaves per plant of the above age: Average: 19.

FOLIAGE

Leaf:

Arrangement.—Rosulate.

Average length.—Approximately 34.5 cm (excl. sheath).

Average width.—Approximately 1.9 cm.

Depth (thickness) of Leaf blade.—Approximately 1.0 cm.

Shape of blade.—Linear, strongly carinate and succulent.

Aspect.—Leaves grow in an average angle of 65° to soil level (=0°=horizontal).

Apex.—Pungent, sharp to the touch.

Base.—Decurrent.

Margin.—Entire.

Texture of surface.—Glabrous, moderately glossy.

Texture of bottom surface.—Glabrous, moderately glossy.

Color:

Young foliage upper side.—Green; near RHS 143A, tip darker; near RHS 137A.

Young foliage under side.—Green; near RHS 137A.

Mature foliage upper side.—Green; in between near RHS N137A and 139A.

Mature foliage under side.—Green; near RHS N137D.

Venation:

Type.—Parallel.

Color.—Upper side: No veins visible on upper side. Under side: No veins visible on under side.

Sheath:

Average length.—Approximately 2.5 cm.

Average width.—Approximately 1.7 cm.

Color.—Yellow-green; near RHS 145C to 145D.

Texture.—Glabrous, moderately glossy.

Other distinguishing characteristics: No.

OTHER CHARACTERISTICS

Disease resistance: Neither resistance nor susceptibility to the normal diseases found in *Sansevieria* has been observed.

Fruit/seed production: No fruits/seeds detected to date.

What is claimed is:

1. A new and distinct cultivar of *Sansevieria* plant named 'SUPSAN1301' as herein illustrated and described.

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