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

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(54) **CHAMAECYPARIS PLANT NAMED**
‘SMNCLUTL’

(50) Latin Name: *Chamaecyparis lawsoniana*
Varietal Denomination: **SMNCLUTL**

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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.

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A01H 7/00 (2006.01)

(52) **U.S. Cl.**
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CPC **A01H 7/00** (2013.01)

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

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(57) **ABSTRACT**

A new and distinct cultivar of *Chamaecyparis* plant named
‘SMNCLUTL’, characterized by its upright, arching and
uniform plant habit and pyramidal plant form; freely branch-
ing habit, dense and bushy plant form; leaves that retain their
yellow green coloration; and good garden performance.

1 Drawing Sheet

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Botanical designation: *Chamaecyparis lawsoniana*.
Cultivar denomination: ‘SMNCLUTL’.

STATEMENT REGARDING PRIOR
DISCLOSURES BY INVENTOR/APPLICANT &
ASSIGNEE

The Inventor/Applicant and Assignee assert that no pub-
lications nor advertisements relating to sales, offers for sale
or public distribution occurred more than one year prior to
the effective filing date of this application. Any information
about the claimed plant would have been obtained from a
direct or indirect disclosure from the Inventor/Applicant
and/or the Assignee. Inventor/Applicant and Assignee claim
a prior art exemption under 35 U.S.C. 102(b)(1) for disclo-
sure and/or sales prior to the filing date but less than one year
prior to the effective filing date.

BACKGROUND OF THE INVENTION

The present Invention relates to a new and distinct culti-
var of *Chamaecyparis* plant, botanically known as
Chamaecyparis lawsoniana, and hereinafter referred to by
the name ‘SMNCLUTL’.

The new *Chamaecyparis* plant is a product of a planned
breeding program conducted by the Inventor in Grand
Haven, Mich. The objective of the breeding program was to
create new *Chamaecyparis* plants with strong branches,
attractive plant form and good leaf color retention.

The new *Chamaecyparis* plant originated from an open-
pollination in 2008 in Grand Haven, Mich. of *Chamaecy-
paris lawsoniana* ‘Sullivan’, not patented, as the female, or
seed, parent with an unknown proprietary selection of
Chamaecyparis lawsoniana as the male, or pollen, parent.
The new *Chamaecyparis* plant was discovered and selected
by the Inventor as a single flowering plant within the
progeny of the stated open-pollination in a controlled envi-
ronment in Grand Haven, Mich. in 2016.

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Asexual reproduction of the new *Chamaecyparis* plant by
softwood cuttings in a controlled greenhouse environment in
Grand Haven, Mich. since 2016 has shown that the unique
features of this new *Chamaecyparis* plant are stable and
reproduced true to type in successive generations.

SUMMARY OF THE INVENTION

Plants of the new *Chamaecyparis* have not been observed
under all possible combinations of environmental conditions
and cultural practices. The phenotype may vary somewhat
with variations in environmental conditions such as tem-
perature 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 the new
Chamaecyparis plant. These characteristics in combination
distinguish ‘SMNCLUTL’ as a new and distinct cultivar of
Chamaecyparis plant:

1. Upright, arching and uniform plant habit and pyramidal
plant form.
2. Freely branching habit, dense and bushy plant form.
3. Leaves that retain their yellow green coloration.
4. Good garden performance.

Plants of the new *Chamaecyparis* can be compared to
plants of the female parent selection, ‘Sullivan’. In side-by-
side comparison, plants of the new *Chamaecyparis* differ
primarily from plants of ‘Sullivan’ in the following charac-
teristics:

1. Plants of the new *Chamaecyparis* are broader and more
pyramidal in shape than and not as narrow and conical
in shape as plants of ‘Sullivan’.
2. Leaves of plants of the new *Chamaecyparis* are thread-
like in shape whereas leaves of plants of ‘Sullivan’ are
scale-like in shape.

Plants of the new *Chamaecyparis* can also be compared to
plants of *Chamaecyparis pisifera* ‘Dow Whiting’, disclosed

in U.S. Plant Pat. No. 20,883. Plants of the new *Chamaecyparis* differ from plants of 'Dow Whiting' in the following characteristics:

1. Plants of the new *Chamaecyparis* are larger than plants of 'Dow Whiting'.
2. Leaves of plants of the new *Chamaecyparis* are more green in color than and not as yellow as leaves of plants of 'Dow Whiting'.

BRIEF DESCRIPTION OF THE PHOTOGRAPH

The accompanying colored photograph illustrates the overall appearance of the new *Chamaecyparis* plant showing the colors as true as it is reasonably possible to obtain in colored reproductions of this type. Colors in the photograph may differ slightly from the color values cited in the detailed botanical description which accurately describe the colors of the new *Chamaecyparis* plant. The photograph is a side perspective view of a typical plant of 'SMNCLUTL' grown in an outdoor nursery.

DETAILED BOTANICAL DESCRIPTION

Plants used for the aforementioned photographs and following observations and measurements were grown during the summer in an outdoor nursery and three-gallon containers in Grand Haven, Mich. and under conditions which approximate commercial *Chamaecyparis* production. Plants were three years old when the photograph and description were taken. During the production of the plants, day temperatures ranged from 18° C. to 27° C. and night temperatures ranged from 5° C. to 10° C. In the following description, color references are made to The Royal Horticultural Society Colour Chart, 2015 Edition, except where general terms of ordinary dictionary significance are used.

Botanical classification: *Chamaecyparis lawsoniana* 'SMNCLUTL'.

Parentage:

Female, or seed, parent.—*Chamaecyparis lawsoniana* 'Sullivan', not patented.

Male, or pollen, parent.—Unknown proprietary selection of *Chamaecyparis lawsoniana*, not patented.

Propagation:

Type.—By softwood cuttings.

Time to initiate roots, winter.—About four months at temperatures about 10° C.

Time to produce a rooted young plant, winter.—About six months at temperatures about 13° C.

Root description.—Fine, fleshy; typically light brown in color, actual color of the roots is dependent on substrate composition, water quality, fertilizer, substrate temperature and physiological age of roots.

Rooting habit.—Moderate branching; medium density.

Plant description:

Plant form and growth habit.—Evergreen shrub; upright, arching and uniform plant habit; pyramidal in overall plant shape; vigorous growth habit and moderate growth rate.

Branching habit.—Freely branching with about 20 lateral branches per plant; dense and bushy plant form; plants maintain their lower branches and foliage at the soil level.

Plant height.—About 87 cm.

Plant diameter.—About 102 cm.

Lateral branch description.—Length: About 50 cm.

Diameter: About 4 mm. Aspect: About 15° to 90° from vertical. Texture: Imbricate scales. Strength: Strong, flexible. Color, developing: Close to 174A. Color, developed: Close to 162A.

Leaf description.—Arrangement: Alternate. Length: About 2 mm. Width: About 0.5 mm. Shape: Thread-like. Apex: Apiculate. Base: Cuneate. Margin: Entire. Texture, upper and lower surface: Smooth, glabrous. Venation pattern: Parallel. Color: Developing leaves, upper and lower surfaces: Close to 143A. Fully expanded leaves, upper and lower surfaces: Close to 143A; venation, close to 143A; plants maintain their foliage color.

Petioles.—Length: About 2 mm. Diameter: About 2 mm. Color, upper and lower surfaces: Close to 143A.

Cone description.—To date, cone development has not been observed on plants of the new *Chamaecyparis*.

Pathogen & pest resistance: To date, plants of the new *Chamaecyparis* have not been noted to be resistant to pathogens or pests common to *Chamaecyparis* plants.

Garden performance: Plants of the new *Chamaecyparis* have been observed to be tolerant to drought, rain, wind and temperatures ranging from about -29° C. to about 36° C. It is claimed:

1. A new and distinct *Chamaecyparis* plant named 'SMNCLUTL' as illustrated and described.

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