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Kolster

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(54) **BACCHARIS PLANT NAMED ‘KOLMMYST’**

OTHER PUBLICATIONS

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UPOV ROM GTITM Computer Database, GTI JOUVE
Retrieval Software 2002/02, citation(s) for ‘Kolmmyst’.*

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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.

* cited by examiner

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Primary Examiner—Bruce R. Campell

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(51) **Int. Cl.**⁷ **A01H 5/00**

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

(58) **Field of Search** Plt./226

(57) **ABSTRACT**

(56) **References Cited**

A new and distinct cultivar of Baccharis plant named
‘Kolmmyst’, characterized by its upright and outwardly
spreading plant habit; freely branching growth habit; early
and freely flowering habit; and discoid inflorescences.

U.S. PATENT DOCUMENTS

PP11,240 P * 2/2000 Gass Plt./226

1 Drawing Sheet

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**BOTANICAL CLASSIFICATION/CULTIVAR
DESIGNATION**

Baccharis halimifolia cultivar Kolmmyst.

1. Upright and outwardly spreading plant habit.
2. Freely branching growth habit.
3. Early and freely flowering habit.
4. Discoid inflorescences.

BACKGROUND OF THE INVENTION

The present Invention relates to a new and distinct culti-
var of Baccharis plant, botanically known as *Baccharis*
halimifolia, and hereinafter referred to by the name ‘Kolm-
myst’.

Plants of the new Baccharis differ primarily from plants of
the parent selections and other known selections and culti-
vars of Baccharis in plant size, leaf size, foliage coloration,
time to flower, and inflorescence coloration.

The new Baccharis was discovered as a cross-pollination
of two unidentified selections of *Baccharis halimifolia*, not
patented. The new Baccharis was discovered and selected by
the Inventor in 1998 as a single flowering plant in a
controlled environment in Boskoop, The Netherlands,
within a population of the progeny resulting from the
cross-pollination.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

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

Asexual reproduction of the new Baccharis by cuttings
was first conducted in Boskoop, The Netherlands in 1998.
Since then, asexual reproduction by cuttings has shown that
the unique features of this new Baccharis are stable and
reproduced true to type in successive generations.

The photograph at the top of the sheet comprises a side
perspective view of a typical flowering plants of ‘Kolmmyst’
grown in an outdoor nursery.

The photograph at the bottom of the sheet is a close-up
view of a typical inflorescence of ‘Kolmmyst’.

SUMMARY OF THE INVENTION

The cultivar Kolmmyst has not been observed under all
possible environmental conditions. The phenotype may vary
somewhat with variations in environment such as tempera-
ture and light intensity without, however, any variance in
genotype.

DETAILED BOTANICAL DESCRIPTION

The following traits have been repeatedly observed and
are determined to be the unique characteristics of ‘Kolm-
myst’. These characteristics in combination distinguish
‘Kolmmyst’ as a new and distinct Baccharis:

The aforementioned photographs and following observa-
tions and measurements describe plants grown in Boskoop,
The Netherlands, in an outdoor nursery under full sun
conditions. The photographs and the observations and mea-
surements were taken in October, 2001; plants were about
three years old. During the summer, day temperatures
ranged from 14 to 27° C. and night temperatures ranged
from 7 to 14° C. 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: *Baccharis halimifolia* cultivar Kolmmyst.

Parentage:

Female, or seed, parent.—Unidentified selection of *Baccharis halimifolia*, not patented.

Male, or pollen, parent.—Unidentified selection of *Baccharis halimifolia*, not patented.

Propagation:

Type.—By cuttings.

Time to initiate roots.—About 30 days at 20° C.

Time to produce a rooted plant.—About 90 days at 18° C.

Root description.—Medium in thickness; moderate branching.

Plant description:

Appearance.—Perennial herbaceous shrub. Upright and outwardly spreading plant habit; broad inverted triangle. Very freely branching; about ten basal branches with about ten lateral branches develop per plant; dense and full plants. Moderately vigorous growth habit.

Plant height.—About 180 cm.

Plant width or area of spread.—About 160 cm.

Lateral branches.—Length: About 20 cm. Diameter: About 3 mm. Internode length: About 1.4 cm. Strength: Moderately strong. Texture: Slightly rough; glabrous. Color, immature: 144A to 144B. Color, mature: 199B to 199D.

Foliage description.—Arrangement: Alternate; single. Length: About 3.8 cm. Width: About 1.8 cm. Shape: Elliptic to broadly elliptic or oblanceolate. Apex: Acute. Base: Attenuate. Margin: Towards base, entire; towards apex, dentate. Venation pattern: Pinnate. Texture, upper and lower surfaces: Rough; glabrous. Color: Young and fully expanded foliage, upper surface: 137A. Young and fully expanded foliage, lower surface: 137B. Venation, upper surface: 143B to 143C. Venation, upper surface: 143C to 143D. Petiole: Length: About 2 cm. Diameter: About 1 mm. Texture, upper and lower surfaces: Glabrous. Color, upper and lower surfaces: 143C.

Inflorescence description:

Appearance.—Inflorescences held mostly above and beyond the foliage arranged in panicles. Inflorescences discoid, i.e., without ray florets. Inflorescences not persistent. Inflorescences face outward to upright.

Flowering response.—Plants flower continuous and freely from late September to mid-October in Boskoop, The Netherlands.

Postproduction longevity.—Inflorescences maintain good color and substance for about five days on the plant when grown in an outdoor environment. As a cut flowering stem, inflorescences maintain good color and substance for about ten days in an interior environment.

Quantity of inflorescences.—Freely flowering; about 100 open inflorescences and buds per lateral stem per flowering season.

Fragrance.—Moderately fragrant; musky and sweet.

Inflorescence bud.—Length: About 4 mm. Diameter: About 0.4 mm. Shape: Ovoid. Color: 144C to 144D.

Inflorescence size.—Length: About 6 mm. Diameter: About 4 mm.

Ray florets.—None observed.

Disc florets.—Shape: Tubular, elongated. Apex: Acute. Length: About 4 mm. Diameter: About 0.5 mm. Number of disc florets per inflorescence: About 40. Color, immature and mature: 144B to 144D.

Pappus.—Appearance/arrangement: About 25 silky hairs per floret surrounding the anther. Length: About 4 mm. Diameter: Less than 0.1 mm. Texture: Crinkled. Color: 157D to 155C.

Phyllaries.—Length: About 2 mm. Diameter: About 1 mm. Shape: Narrowly ovate. Apex: Acute. Base: Fused. Margin: Entire. Texture: Smooth. Number of whorls per inflorescence: About four. Color, upper and lower surfaces: 143C; towards apex, 174A to 187D.

Pedicels.—Length: About 7 cm. Diameter: About 1 mm. Angle: About 30 to 45° from vertical. Strength: Strong. Texture: Smooth. Color: 143C.

Reproductive organs.—Androecium: Stamen number: One per floret. Anther shape: Club-shaped; basifixed. Anther length: About 0.5 mm. Anther color: 157A to 187D. Pollen: None observed. Gynoecium: None observed.

Fruit/seed.—Fruit and seed production have not been observed.

Disease/pest resistance: Resistance to pathogens and pests common to *Baccharis* has not been observed on plants grown under outdoor conditions.

Temperature tolerance: Plants of the new *Baccharis* have been observed to tolerate temperatures from about -20 to 35° C.

It is claimed:

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

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