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Pieters

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(54) **CHRYSANTHEMUM PLANT NAMED ‘GEDI WO’**

(76) **Inventor:** **Dirk Pieters**, Schierveldestraat 3A,
Oosnieuwkerke, 8840 Staden (BE)

(*) **Notice:** Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
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(52) **U.S. Cl.** **Plt./294; Plt./288**

(58) **Field of Search** Plt./288, 294

(56) **References Cited**

U.S. PATENT DOCUMENTS

P.P. 10,419 * 5/1998 Pieters Plt./287

* cited by examiner

Primary Examiner—Howard J. Locker

(57) **ABSTRACT**

A new chrysanthemum plant variety producing white daisy-
type flowers.

1 Drawing Sheet

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BACKGROUND OF THE INVENTION

The present invention is directed to a new and distinct
variety of chrysanthemum botanically classified as *Den-*
dranthea grandiflora. The varietal denomination of the
new chrysanthemum is ‘GEDI WO’.

The new variety is a natural occurring whole plant muta-
tion of the variety ‘Ozenda’ (U.S. Plant Pat. No. 10,419),
discovered as part of a breeding program October 1996 in
Staden, Belgium. The new variety has been asexually repro-
duced by vegetative cuttings in Ventura County, Calif. and
the distinguishing characteristics are retained through suc-
cessive generations of asexual reproduction.

SUMMARY OF THE INVENTION

‘GEDI WO’ is a chrysanthemum plant that produces
white daisy-type flowers with slight yellow tone in center.

COMPARISON WITH PARENTS

‘GEDI WO’ differs from its parent in having a white
flower with a slight yellow tone in the center, whereas
‘Ozenda’ has light lavender ray florets.

BRIEF DESCRIPTION OF ILLUSTRATION

The accompanying photograph shows a typical specimen
of the plant and flowers of the new variety with colors being
as nearly true as possible with an illustration of this type.

DESCRIPTION OF THE PLANT

The following description of the new variety is of speci-
mens grown in a greenhouse in Ventura County, Calif. in the
month of April. ‘GEDI WO’ has not been observed under all
possible environmental conditions. The phenotype may vary
with variations in the environment such as temperature, light
intensity, day length and cultural conditions. The color
designations herein are from The Royal Horticultural Soci-
ety Colour Chart except where general terms are used.

To produce a commercial product the plants may be
pinched once about ten days after planting. It has been
observed that longevity of individual blooms of ‘GEDI WO’
is about 28 days and the plant has a response time of about
7 weeks. No growth retardant has been applied in the

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specimens described. Useful growing conditions include
night temperatures of about 18°–20° and day temperatures
of about 20°–30°. The new variety is naturally blooming
during late September to early October in Ventura County,
Calif.

Plant:

Habit.—Mounding herbaceous, free branching.

Height.—About 28 cm.

Number of breaks from pinch.—About 4 to 5.

Length of lateral branches.—About 20 cm.

Stem color.—Near 138B.

Foliage:

Leaf arrangement.—Alternate.

Number of leaves per lateral branch.—About 13 fully
expanded leaves.

Leaf size.—Length: About 5.5 cm. Width: About 3.2
cm.

Leaf shape.—Ovate.

Attachment.—Petioled.

Leaf apex.—Acute.

Base.—Tapered.

Margin.—Palmately lobed.

Aspect.—Slightly undulate.

Surface.—Top: Pubescent. Bottom: Pubescent.

Venation: Prominent midvein on underside.

Color upper side.—Near 138A.

Color underside.—Near 146D.

Petiole:

Length.—About 1.1 cm.

Color.—Near 146D.

Color:

Mature leaf.—Top: Near 137A. Bottom: Near 137D.

Young leaf.—Top: Near 137A. Bottom: Near 138A.

Bloom:

Inflorescence form.—Cyme.

Bloom type.—Daisy-type.

Number of blooms per branch.—About 15.

Diameter of fully expanded bloom.—About 4 cm.

Depth of fully expanded bloom.—About 1.8 cm.

Sepal.—Number: About 20. Color: Near 137B. Length:
About 0.6 cm. Width: About 0.3 cm.

Peduncle.—Average Length: About 6 cm. Terminal:
About 4 cm. Lateral: About 8 cm. Aspect: Weak,

slightly undulating. Surface: Pubescent. Color: Near 137D.

Flower bud (when just showing color):
Color.—Near 155B.
Diameter.—About 0.8 cm.
Height.—About 0.6 cm.
Shape.—Slightly flattened sphere.

Ray florets:
Number per flower.—About 120.
Texture.—Matte.
Shape.—Oblanceolate.
Apex.—About 2–3 irregular obtuse lobes.
Base.—Tapered.
Margin.—Entire.
Aspect.—Recurved.
Length.—About 1.7 cm.
Width.—About 0.7 cm.

Disc florets:
Number per flower.—About 40.
Texture.—Shiny.
Shape.—Cylindric, fluted apex, disc diameter about 0.4 cm.
Length.—About 0.6 cm.
Width.—About 0.1 cm.

Fragrance: Faint.

General flower description: White daisy-type with yellow center.

Ray florets, top side:
Immature.—Near 158C.
Mature.—Near 155D.
Fading.—Near 155D.

Ray florets, under side:
Immature.—Near 158C.
Mature.—Near 155D.
Fading.—Near 155D.

Disc florets:
Immature.—Near 13C.
Mature.—Near 15B.
Fading.—Near 22B.

Changes as the flower ages: Ray florets become more loosely held and center disc florets become more apparent.

Reproductive organs:
 Ray florets: Pistillate.
Stigma shape.—2 forked.
Stigma color.—Near 12A.
Style length.—About 0.4 cm.
Style color.—Near 154D.

Disc florets:
Stigma shape.—Linear.
Stigma color.—Near 7B.
Style length.—About 0.3 cm.
Style color.—Near 154D.
Stamen number.—About 5.
Anther length.—About 0.2 cm.
Pollen color.—Near 14B.
Pollen quantity.—Moderate.

What is claimed is:

1. A new and distinct chrysanthemum plant of the variety substantially as herein shown and described.

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