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(12) **United States Plant Patent**
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- (54) **CRASSULA PLANT NAMED ‘OVWOODS03’**
- (50) Latin Name: *Crassula arborescens* subsp. *undulatifolia*
Varietal Denomination: **OVWOODS03**
- (71) Applicant: **Ovata B.V.**, Bleiswijk (NL)
- (72) Inventor: **Johannes Hendrikus Adrianus Ammerlaan**, Bleiswijk (NL)
- (73) Assignee: **Ovata B. V.**, Bleiswijk (NL)
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(58) **Field of Classification Search**
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See application file for complete search history.

Primary Examiner — Keith O. Robinson

(74) *Attorney, Agent, or Firm* — Samuel R. McCoy, Jr.

(57) **ABSTRACT**

A new and distinct *Crassula* plant named ‘OVWOODS03’ which is characterized by the combination of a broad spreading to upright growth habit with an irregular broad ovate to near spherical shape, light green and glaucous foliage that is margined greyed-purple, foliage with a strong axial twist and crenulate margins that are strongly undulated, and the stability of all characteristics from generation to generation.

2 Drawing Sheets

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Latin name of the genus and species: The Latin name of the genus and species of the novel variety disclosed herein is *Crassula arborescens* subsp. *undulatifolia*.

Variety denomination: The inventive variety of *Crassula* disclosed herein has been given the variety denomination ‘OVWOODS03’.

CROSS REFERENCE TO RELATED APPLICATIONS

This application claims priority to the Community Plant Variety Rights application number 2020/2873, filed on Nov. 13, 2020, which is herein incorporated by reference.

BACKGROUND OF THE INVENTION

Parentage: ‘OVWOODS03’ originated as a naturally occurring, whole-plant mutation of *Crassula ‘OVCRAS03’* (Community Plant Variety Rights grant number 46259), a variety developed and owned by the inventor. The inventor of ‘OVWOODS03’ is a commercial ornamental plant producer and regularly discovers mutations of *Crassula* at his greenhouse operation in Bleiswijk, The Netherlands. For said mutations which seem to exhibit commercial potential, cuttings are taken to produce trial plants which are subsequently grown for evaluation. The variety now called ‘OVWOODS03’ was initially discovered in the summer of 2016 as a whole-plant mutation of ‘OVCRAS03’ which exhibited light green and glaucous foliage with narrow greyed-purple margins that is axially twisted with strongly undulated margins. At the time of discovery, cuttings were taken and the resulting plants were evaluated at the inventor’s greenhouse. After further evaluation it was determined

that the candidate’s foliage characteristics would prove favorable for commercial marketability. The new variety was given the breeder denomination ‘OVWOODS03’.

Asexual Reproduction: The variety now called ‘OVWOODS03’ was first asexually propagated by stem cuttings in the summer of 2016 at a greenhouse in Bleiswijk, The Netherlands and has since been vegetatively propagated through four additional generations. Through subsequent generations, the unique features of this cultivar are stable and reproduced true to type.

SUMMARY OF THE INVENTION

The cultivar ‘OVWOODS03’ has not been observed under all possible environmental conditions and the phenotype may vary somewhat with variations in environment such as temperature, 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 ‘OVWOODS03’. These characteristics in combination distinguish ‘OVWOODS03’ as a new and distinct *Crassula* cultivar:

1. *Crassula ‘OVWOODS03’* exhibits a broad spreading to upright growth habit with an irregular broad ovate to near spherical shape; and
2. *Crassula ‘OVWOODS03’* exhibits yellow-green to light green, heavily glaucous foliage which is covered with greyed-green epicuticular wax; and
3. *Crassula ‘OVWOODS03’* exhibits mature foliage that is margined greyed-purple; and
4. *Crassula ‘OVWOODS03’* exhibits foliage that is curled under, with a strong axial twist, and crenulate margins that are strongly undulated.

BRIEF DESCRIPTION OF THE FIGURES

FIG. 1 illustrates, as nearly true as it is reasonably possible to make the same in color photographs of this type, an exemplary plant of 'OVWOODS03' grown in a commercial greenhouse in Heerhugowaard, The Netherlands. This plant is approximately 12 months old, shown planted in a 12 cm container.

FIG. 2 illustrates, as nearly true as it is reasonably possible to make the same in color photographs of this type, the typical foliage of 'OVWOODS03'.¹⁰

BOTANICAL DESCRIPTION OF THE PLANT

The following observations and measurements made in November of 2020 describe averages from a sample set of six specimens of 12 month-old 'OVWOODS03' plants grown in 12 cm nursery containers at commercial greenhouse in Bleiswijk, The Netherlands. The plants were grown in full sun to semi-shade. Plants were maintained with a standard fertility program for plants of this type and regularly watered with overhead irrigation as well as through use of ebb-and-flow hydroponic greenhouse benches. No chemical pest measures were taken.¹⁵

Those skilled in the art will appreciate that certain characteristics will vary with older or, conversely, with younger plants. 'OVWOODS03' has not been observed under all possible environmental conditions. Where dimensions, sizes, colors and other characteristics are given, it is to be understood that such characteristics are approximations or averages set forth as accurately as practicable. The phenotype of the variety may differ from the descriptions set forth herein with variations in environmental, climactic and cultural conditions. Color notations are based on *The Royal Horticultural Society Colour Chart*, The Royal Horticultural Society, London, 2015 (sixth edition).³⁰

A botanical description of 'OVWOODS03' and comparisons with the parent and closest known commercial comparator are provided below.

Plant description:³⁵

Growth habit.—Broad spreading to upright perennial.

Plant form.—Irregular broad ovate to near spherical.

Average height.—16.6 cm from the soil level to the top of the foliar plane.

Plant spread.—Average of 16.3 cm.⁴⁰

Growth rate.—Somewhat slow to moderately fast.

Plant vigor.—Moderately vigorous.

Propagation type.—Stem cuttings.

Time to initiate roots.—Approximately 14 days to initiate roots at temperatures ranging from 15 to 20 degrees Celsius.⁴⁵

Time to produce a rooted cutting.—Approximately 6 weeks to produce a rooted cutting.

Disease resistance.—Neither resistance nor susceptibility to typical *Crassula* pests and diseases has been observed.⁵⁰

Environmental tolerances.—Adapt to, at least, USDA Zones 10 and 12 and temperatures as high as 40 degrees Celsius; low tolerance to rain; moderate to high tolerance to wind.⁶⁰

Root system:

General.—Moderately dense and freely branched root-ing; roots are moderately fibrous.

Distribution in the soil profile.—Shallow to moderately deep.⁶⁵

Diameter of roots.—0.5 mm on average.

Texture.—Smooth and glabrous.

Color.—Greyed-orange, nearest to RHS 165A.

Stem:

General branching habit.—A main stem, freely branching with lateral branches. Pinching isn't required but will improve branching.

Main stems.—Quantity of main stems per plant — 1. Attitude — Upright. Cross-section — Rounded. Texture — Glabrous; glaucous. Luster — Matte. Strength — Strong. Color, juvenile — Yellow-green, nearest to in between RHS 144A and 144B. Color, mature — Green, nearest to RHS 137D. The epicuticular wax is colored greyed-green, nearest to RHS 189C. Color at internodes — Green, nearest to RHS 137D. The epicuticular wax is colored greyed-green, nearest to RHS 189C. Nodes of the oldest wood are colored greyed-white, nearest to RHS 156D. Color of the oldest wood — Greyed-green, nearest to a mixture of RHS 195A and 197D.

Lateral branches.—Quantity of lateral branches — 6. Length of lateral branches — Approximately 4.7 cm. Diameter of lateral branches — Approximately 0.7 cm. Internode length — Approximately 1.3 cm. Attitude — At an average angle of 35 degrees to the main stem. Cross-section — Rounded. Texture — Glabrous; glaucous. Luster — Matte. Strength — Strong. Color, juvenile — Yellow-green, nearest to in between RHS 144A and 144B. Color, mature — Green, nearest to RHS 137D. The epicuticular wax is colored greyed-green, nearest to RHS 189C. Color at internodes — Green, nearest to RHS 137D. The epicuticular wax is colored greyed-green, nearest to RHS 189C.

Foliage:

Phyllotaxy.—Decussate.

Division.—Simple.

Quantity.—8 per lateral branch.

Attitude.—Upward.

Lamina.—Shape — Obovate. Aspect — Moderately curled upward, and axially twisted (spiraled). Dimensions — 5.5 cm long and 3.3 cm wide. Thickness — Approximately 0.4 cm. Apex — Broad, bluntly acute to obtuse. Base — Cuneate. Margin — Entire to near crenulate; coarsely, strongly undulated. Pubescence, texture and luster of the adaxial surface — Glabrous, smooth, and matte; heavily glaucous. Pubescence, texture and luster of the abaxial surface — Glabrous, smooth, and matte; heavily glaucous. Color — Juvenile foliage, adaxial surface — Green, nearest to RHS 137B, and fading to yellow-green towards the base, nearest to RHS 144A. The epicuticular wax covering the leaf surface is greyed-green, nearest to RHS 191B. Juvenile foliage, abaxial surface — Yellow-green, nearest to RHS 144A, and fading slightly lighter towards the base, nearest to RHS 144B. The epicuticular wax covering the leaf surface is greyed-green, nearest to RHS 190A. Mature foliage, adaxial surface — Yellow-green, nearest to RHS 146B, and narrowly margined greyed-purple, nearest to RHS 187A. The epicuticular wax covering the leaf surface is greyed-green, nearest to RHS 191B. Mature foliage, abaxial surface — Yellow-green, nearest to RHS 146A, and narrowly margined greyed-purple, nearest to RHS 187A. The epicuticular wax covering the leaf surface is greyed-green, nearest to RHS 190A. Venation — No veins are visible.

Petiole.—Length — 0.2 cm. Diameter — 0.6 cm at the widest point and 0.4 at the narrowest point. Strength

— Moderately strong. Texture — Smooth, glabrous; glaucous. Luster — Matte. Color — Yellow-green, nearest to RHS 146C; the epicuticular wax is colored greyed-green, nearest to RHS 189D.

Inflorescence: No flowering has been observed to date.

COMPARISON WITH THE PARENT PLANT

Plants of the new cultivar ‘OVWOODS03’ differs from the parent, an unnamed *Crassula* ‘OVCRAS03’ (Community Plant Variety Rights grant number 46259), in the following characteristics described in Table 1 below.

TABLE 1

Characteristic	‘OVWOODS03’	‘OVCRAS03’
Foliage size.	Larger than ‘OVCRAS03’.	Smaller than ‘OVWOODS03’.
General coloration of the foliage.	Darker green by comparison to ‘OVCRAS03’ with a heavier covering of greyed-green epicuticular wax.	Lighter green by comparison to ‘OVWOODS03’ with a lighter covering of greyed-green epicuticular wax.
Margin coloration of the mature foliage.	More broadly margined with greyed-purple.	More narrowly margined with a mixture of greyed-purple to brown.
Undulation of foliar margins.	More strongly undulated.	Less undulated.

COMPARISON WITH THE CLOSEST KNOWN COMPARATOR

Plants of the new cultivar ‘OVWOODS03’ differs from the species, *Crassula* ‘AMICRA1701’ (U.S. Plant Pat. No. 30,749), in the following characteristics described in Table 2 below.

TABLE 2

Characteristic	‘OVWOODS03’	‘AMICRA1701’
Foliage shape.	Obovate.	Obovate to broad spatulate.
General coloration of the foliage.	Darker green by comparison to ‘AMICRA1701’.	Lighter green by comparison to ‘OVWOODS03’.
Leaf aspect.	Moderately curled downward and axially twisted.	Concave with no axial twist.
Foliar margins.	Entire to near crenulate; coarsely, strongly undulated.	Entire; not undulated.

That which is claimed is:

1. A new and distinct variety of *Crassula* plant named ‘OVWOODS03’, substantially as described and illustrated herein.

* * * * *

FIG. 1



FIG. 2

