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

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(54) **CALLA LILY PLANT NAMED ‘ODESSA’**

(50) Latin Name: *Zantedeschia sprengeri*  
Varietal Denomination: **Odessa**

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patent is extended or adjusted under 35  
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(52) **U.S. Cl.** ..... **Plt./490**  
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See application file for complete search history.

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(57) **ABSTRACT**

‘Odessa’ is a new variety of calla lily having a flower with  
a purple colored spathe producing 2-15 flowers per tuber.  
The flower stems are about 60 cm in height. The leaves are  
green with whitish spots and they have a leathery texture.

**2 Drawing Sheets**

**1**

Botanical classification: *Zantedeschia sprengeri*.  
Varietal denomination: ‘Odessa’.

**BACKGROUND OF THE NEW PLANT**

The present invention comprises a new and distinct cul-  
tivar of calla lily, botanically known as *Zantedeschia*  
*sprengeri* and hereinafter referred to by the cultivar name  
‘Odessa’.

‘Odessa’ is a product of a planned breeding program  
which had the objective of creating *Zantedeschia* hybrids for  
cut flower production in a wide range of colors with a large,  
classic flower shape. The breeding program began in 1989  
and the new cultivar is a seedling selected from the crossing  
of a *Zantedeschia sprengeri* seedling C02029 (female  
parent, unpatented) with *Zantedeschia sprengeri* seedling  
C02021 (male parent, unpatented). ‘Odessa’ was selected in  
2001 by the inventor C. J. J. Randag in CJ’t Zand, The  
Netherlands as one flowering plant within the progeny of the  
stated cross.

The first act of asexual reproduction of ‘Odessa’ by tissue  
culture was performed by the inventor in August 2001 in  
CJ’t Zand, The Netherlands. Subsequent asexual reproduc-  
tion by tissue culture at the same location has demonst-  
rated that the combination of characteristics as herein disc-  
losed for the new cultivar are retained and reproduced true to type  
through successive generations of asexual reproduction.

The following observations, measurements and compar-  
isons describe plants grown in CJ’t Zand, The Netherlands  
under greenhouse conditions which approximate those gen-  
erally used in horticultural practice. Color references are  
made to the R.H.S. Colour Chart of The Royal Horticulture  
Society of London, except where general color terms of  
ordinary significance are used.

The present invention has not been evaluated under all  
possible environmental conditions. The phenotype may vary  
with variation in environment without a change in the  
genotype of the plant.

The following traits have been repeatedly observed and  
determined to basic characteristics of ‘Odessa’ which, in  
combination, distinguish this calla lily as a new and distinct  
cultivar:

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1. Dark purple spathe;
2. Fast forcing time; and
3. High flower production.

Table 1 provides similarities and differences of ‘Odessa’  
to its parents and ‘Black Star’ (U.S. Plant Pat. No. 14,844).

**TABLE 1**

Odessa	Similarities	Differences
C02029 (female parent)	Leave shape	Number of spathes.
C02021 (male parent)	Leave shape	Spots on leaf; and Color of spathe.
‘Black Star’ (PP14,844)	Leave shape	No purple line on leaf margin; Spathe shape; and Color of peduncle.

**BRIEF DESCRIPTION OF THE DRAWINGS**

The accompanying photographic drawings illustrate the  
new variety, with the colors being as nearly true as is  
possible with color illustrations of this type.

FIG. 1 is a photograph of the flowers and leaves; and

FIG. 2 is a photograph of the stability of the crop after  
tissue culture.

**DESCRIPTION OF THE PLANT**

**Size:**

- Height of the leaf canopy above the soil.*—60-65 cm.
- Height of top of inflorescence above the soil.*—60-65  
cm.
- Diameter.*—30-40 cm.

**Form:** Erect.

**Number of inflorescences per tuber:**

- Circumference of 9-12 cm.*—2-4 inflorescences.
- Circumference of 12-15 cm.*—4-7 inflorescences.
- Circumference of 15-18 cm.*—7-15 inflorescences.

**Branches:**

- Character.*—Many like the variety ‘Chrystal Blush’  
(unpatented).
- Color.*—Between Yellow-Green Group RHS 146A and  
146B, with spots of Red Group RHS 53A.

## Leaves:

*Size.*—Width: 7-8 cm. Length: 25-30 cm.

*Number per plant.*—20-30.

*Shape.*—Elliptic.

*Color.*—Upper surface: Green Group RHS 137A-137B.

Lower surface: Green Group RHS 137A-137B.

*Margin.*—Wavy.

*Veins.*—Configuration: Pinnate. Color: Yellow-Green Group RHS 147A.

*Surface texture.*—Leathery.

*Petiole.*—Length: 10-30 cm. Color: The basis Green-White Group RHS between 157A and 157B and the upper part between Yellow-Green Group RHS 144A and 144B.

## Roots:

*Color.*—White.

*Branching.*—Similar to other *Zantedeschia* varieties.

## INFLORESCENCE

## Spathe:

*Size.*—Length: 6-15 cm. Width: 4-7 cm.

*Color.*—Upper surface: Varies between Purple Group RHS 79A and Black Group RHS 202A. Lower surface: Varies between Purple Group RHS 79A and Black Group RHS 202A.

*Veins.*—Color: Varies between Purple Group RHS 79A and Black Group RHS 202A.

*Shape.*—Cupped.

## Spadix:

*Size.*—Length: 10-25 mm. Diameter: 2-5 mm.

*Color.*—Varies between Purple Group RHS 79A and Black Group RHS 202A.

*Position relative to spathe.*—Upright.

## Peduncle:

*Size.*—Length: 30-65 cm. Diameter: 6-10 mm.

*Color.*—Upper part varies between Yellow-Green Group RHS 144A and 144B. Lower part Green-White Group RHS 157D.

## Reproductive organs:

*Location of female organs.*—Basal position of the spadix.

*Location of male organs.*—Upper position of the spadix.

*Perianth.*—Conspicuous.

*Stamens.*—Not visible before pollen release. Number: More than 50.

*Pollen.*—Amount: Similar to ‘Schwarzwald’ (U.S. Plant Pat. No. 11,001). Color: Varies between White Group RHS 155A and 155B.

## Anther:

*Shape.*—Round wire-like.

*Length.*—Less than 1 mm.

*Color.*—Between White Group RHS 155A and RHS 155B.

## Filament:

*Length.*—Less than 1 mm.

*Color.*—Between White Group RHS 155A and 155B.

## Pistil:

*Number.*—20 to 40.

*Length beyond perianth.*—About 1 mm.

*Stigma.*—Shape: Round. Size: Less than 1 mm.

*Style.*—Length: Less than 1 mm. Color: Between Purple Group RHS 79A and Black Group RHS 202A.

*Ovaries.*—Texture: Smooth. Length: Between 1 to 10 mm. Width: Between 1 to 10 mm. Color: Top: Between Purple Group RHS 79A and Black Group RHS 202A. Bottom: Green-White Group RHS 157C and 157D.

## Seeds:

*Length.*—4-7 mm.

*Width.*—3-6 mm.

*Color.*—Between Purple Group RHS 79A and Black Group 202A.

*Amount.*—Between 1-50.

Disease resistance: None observed.

Pest resistance: None observed.

Heat tolerance: No heat tolerance.

Hardiness: Not hardy.

Flowering: Tubers planted in a greenhouse in The Netherlands in February produce flowers in April. Tubers planted outdoors in The Netherlands in May produce flowers in July.

Lastingness: About two weeks on the plant.

Fragrance: None.

I claim:

1. A new and distinct variety of calla lily plant named ‘Odessa’ as is herein described and illustrated.

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Fig. 1





Fig. 2