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Olesen

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(54) **MINIATURE ROSE PLANT NAMED**
‘POULPAR078’

(50) Latin Name: ***Rosa* hybrid**
Varietal Denomination: **Poulpar078**

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patent is extended or adjusted under 35
U.S.C. 154(b) by 168 days.

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(51) **Int. Cl.**
A01H 5/00 (2006.01)

(52) **U.S. Cl.**
USPC **Plt./117**

(58) **Field of Classification Search**

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CPC A01H 5/0222; A01H 5/0216; A01H 5/02;
A01H 5/00

See application file for complete search history.

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Primary Examiner — June Hwu

(57) **ABSTRACT**

A new miniature rose plant that has abundant, white flowers
and attractive foliage. The variety successfully propagates
from softwood cuttings and is suitable for year-round produc-
tion in commercial glasshouses. This new and distinct variety
has shown to be uniform and stable in the resulting genera-
tions from asexual propagation.

1 Drawing Sheet

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Botanical designation: *Rosa* hybrid.
Variety denomination: ‘Poulpar078’.

SUMMARY OF THE INVENTION

The present invention constitutes a new and distinct variety
of miniature rose plant which originated from a controlled
crossing between the female seed parent, an unnamed seed-
ling, and the male pollen parent, also an unnamed seedling.

The two parents were crossed during the summer of 2007
and the resulting seeds were planted in a controlled environ-
ment in Fredensborg, Denmark. The new variety, named
‘Poulpar078’, originated as a single seedling from the stated
cross.

The new variety may be distinguished from its male pollen
parent and female seed parent primarily by flower coloration
and growth habit.

The objective of the hybridization of this rose variety for
commercial culture was to create a new and distinct variety
with unique qualities, such as:

1. Uniform and abundant white flowers;
2. Vigorous and compact growth;
3. Year-round flowering under glasshouse conditions;
4. Suitability for production from softwood cuttings in
pots;
5. Durable flowers and foliage which make a variety suit-
able for distribution in the floral industry.

This combination of qualities is not present in previously
available commercial cultivars of this type, known to the
inventor, and distinguish ‘Poulpar078’ from all other varieties
of which we are aware.

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As part of the rose development program, Mogens N. Ole-
sen germinated the seeds from the aforementioned hybridiza-
tion and conducted evaluations on the resulting seedlings in a
controlled environment in Fredensborg, Denmark.
‘Poulpar078’ was selected by the inventor as a single plant
from the progeny of the hybridization in 2007.

Asexual reproduction of ‘Poulpar078’ by vegetative stem
cuttings was first done by Mogens N. Olesen in the nursery in
Fredensborg, Denmark in 2008. This initial and other subse-
quent propagations conducted in controlled environments
have demonstrated that the characteristics of ‘Poulpar078’ are
true to type and are transmitted from one generation to the
next.

DESCRIPTION OF THE DRAWING

The accompanying color illustration shows as true as is
reasonably possible to obtain in color photographs of this
type, the typical characteristics of the buds, flowers, leaves,
and stems, of ‘Poulpar078’. Specifically illustrated in the
drawing are flowers at various stages of development, flower
in parts, leaves, and stems.

DETAILED DESCRIPTION OF THE VARIETY

The following is a description of ‘Poulpar078’, as observed
in its growth in glasshouses in Burlington, Ontario. Observed
plants are 3 months of age and were cultivated in 10.5 cm
pots. Color references are made using The Royal Horticul-

tural Society (London, England) Colour Chart, 2001, except where common terms of color are used.

For a comparison, several physical characteristics of the rose variety ‘Poulra022’, U.S. Plant Pat. No. 15,142 are compared to ‘Poulpar078’ in Chart 1.

CHART 1

	‘Poulpar078’	‘Poulra022’
Petalage:	75 petals total, 15 of which are petaloids	70
Flower Diameter:	55 mm	35 to 40 mm
General Tonality of Flower Color:	White Group 155C with intonations of Green-White Group 157A	Yellow-White Group 158D

FLOWER AND FLOWER BUD

Blooming habit: Continuous.

Flower bud:

Size.—Upon opening, 23 mm in length from base of receptacle to end of bud. 12 mm in diameter.

Bud form.—Ovate.

Bud color.—As sepals unfold, petals are Green-White Group 157D.

Sepals.—Upper Surface: Color: Green Group 138C. Texture: Smooth and pubescent. Lower Surface: Color: Yellow Green Group 144A. Texture: Smooth. Shape: Apex: Cirrhose. Base: Flat at union with receptacle. Margins: Margins have moderate folia- ceous appendages on three of the five sepals. Size: 25 to 35 mm long by 8 mm wide.

Receptacle.—Surface Texture: Smooth. Shape: Broad funnel. Size: 5 mm tall and 9 mm wide. Color: Yellow Green Group 144A.

*Pedice*l.—Surface: Somewhat rough with stipitate glands. Length: 15 to 35 mm. Diameter: Generally 2.5 mm. Color: Yellow-Green Group 144A. Strength: Strong.

Borne.—Singly.

Flower bloom:

Fragrance.—Light floral scent.

Duration.—As a pot plant, flowers last up to 28 days.

Size.—Flower diameter is 55 mm when open. Flower depth is 25 mm.

Form.—General shape is a hybrid tea with a high pointed center. Fully opened flowers are globose.

Shape of flower, side view.—The upper portion convex. The lower portion is concave.

Flower type.—Double.

Petalage: On average flowers have 75 petals total, 15 of which are petaloids.

Color:

General tonality.—On open flower White Group 155C with intonations of Green-White Group 157A.

Upon opening, petals.—Outermost petals are Green- White Group 157D on the upper surface. Green- White Group 157D on the lower surface with intona- tions of Yellow-Green Group 149D. Innermost petals are Green-White Group 157D on the upper surface. Green-White Group 157D on the lower surface. Occasionally, there are small basal petal spots the color of Yellow-Green Group 150D on the upper and lower surface of the innermost petals.

After opening, petals.—Outermost petals are Green- White Group 157D on the upper surface. Green- White Group 157D on the lower surface with intona- tions of Yellow-Green Group 149D. Innermost petals are Green-White Group 157D on the upper surface. Green-White Group 157D on the lower surface. Occasionally, there are small basal petal spots the color of Yellow-Green Group 150D on the upper and lower surface of the innermost petals.

Petals:

Petal reflex.—Strong.

Margin.—Entire, with strong undulations.

Shape.—Generally rounded. Apex shape: Rounded.

Base shape: Rounded.

Size.—23 mm (l) by 28 mm (w).

Texture.—Smooth.

Thickness.—Average.

Petaloids:

Quantity.—15 on average.

Shape.—The apex and base are acute.

Color.—Yellow-Green Group 150D on the upper and lower surface.

Size.—8 mm (l) by 6 mm (w).

Reproductive organs:

Pollen.—None Observed.

Anthers.—Size: 1 mm long. Color: Yellow Group 11A.

Quantity: 25 on average.

Filaments.—Color: Green-White Group 157A. Length: About 3 mm.

Pistils.—Length: About 4 mm long. Quantity: 15 on average.

Stigmas.—Superior relative to the length of the fila- ments and the height of the anthers. Color: Yellow- Green Group 149D.

Styles.—Color: Yellow-Green Group 149D.

Seed formation.—Not observed.

PLANT

Plant growth: Upright. Plants are about 17 cm in height, and 15 cm wide.

Stems:

Color.—Juvenile growth: Yellow-Green Group 144A.

Mature growth: Yellow-Green Group 146A.

Length.—Canes are about 11 cm from the base of the plant to the flowering portion.

Diameter.—3 mm.

Internodes.—On mature canes, there is an average dis- tance of 20 mm between nodes.

Surface texture.—Young and mature wood is smooth.

Prickles: None observed.

Plant foliage:

Compound leaf size.—65 mm (l) by 50 mm (w).

Quantity.—4 leaves per 10 cm of stem.

Leaf bearing angle to stem.—90 degrees.

Color of juvenile foliage.—Upper Leaf Surface: Yellow- Green Group 144A. Lower Leaf Surface: Yellow- Green Group 144B.

Color of mature foliage.—Upper Leaf Surface: Yellow- Green Group 147A. Lower Leaf Surface: Yellow- Green Group 147B.

Plant leaves and leaflets:

Stipules.—Size: About 6 mm in length. Shape: Linear, slightly broad based with outward extending apices.

Margins: Finely serrated with few stipitate glands.
Color: Yellow-Green Group 146B.

Petiole.—Length: 16 mm on average. Diameter: About 2 mm. Upper surface: Yellow-Green Group 146B.
Lower surface: Yellow-Green Group 144B.

Rachis.—Length: 18 mm on average. Diameter: About 2 mm. Upper surface: Yellow-Green Group 146B.
Lower surface: Yellow-Green Group 144B.

Leaflet.—Number of leaflets: 5 on normal leaves in middle of the stem. Size: 35 mm in length by 20 mm wide. Margin: Serrate. General Shape: Elliptical. Apex Shape: Acute. Base Shape: Slightly attenuate to rounded. Texture: Smooth. Arrangement: Odd pinnate. Venation: Reticulate. Leaf Gloss: Moderately glossy.

Cold hardiness: The variety is tolerant to USDA Cold Hardiness Zone 6.

Heat tolerance: The variety has been found to be suitable for climate conditions found in the American Horticulture Society heat zone 7.

Disease resistance: Above average resistance to powdery mildew *Sphaerotheca pannosa*, downy mildew *Peronospora sparsa*, rust *Phragmidium* sps., black spot *Diplocarpon rosae*, and *Botrytis cinerea* under normal growing conditions.

The invention claimed is:

1. A new and distinct variety of rose plant of the miniature class named ‘Poulpar078’, substantially as illustrated and described herein, due to its abundant, white flowers, vigorous growth, compact habit, suitability for production from softwood cuttings in pots, and durable flowers and foliage that make the variety suitable for distribution in the floral industry.

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