



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

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(54) **MINIATURE ROSE PLANT NAMED**
‘POULPAH057’

(50) Latin Name: **Rosa hybrid**
Varietal Denomination: **Poulpah057**

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patent is extended or adjusted under 35
U.S.C. 154(b) by 167 days.

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A01H 5/02 (2006.01)

(52) **U.S. Cl.**
USPC **Plt./121**

(58) **Field of Classification Search**
USPC Plt./101, 116, 121
See application file for complete search history.

(56) **References Cited**

PUBLICATIONS

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Primary Examiner — Susan McCormick Ewoldt

(57) **ABSTRACT**

A new miniature rose plant that has abundant, pink 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: ‘Poulpah057’.

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 2004
and the resulting seeds were planted in a controlled environ-
ment in Fredensborg, Denmark. The new variety, named
‘Poulpah057’, 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 female seed parent has deep pink
flowers while the claimed plant has petals with a light pink
undersurface. The male pollen parent is about 35 cm in height
while the claimed plant is about 20 cm in height.

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 pink 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.

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This combination of qualities is not present in previously
available commercial cultivars of this type, known to the
inventor, and distinguish ‘Poulpah057’ from all other variet-
ies of which we are aware.

5 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.
‘Poulpah057’ was selected by the inventor as a single plant
from the progeny of the hybridization in 2004.

10 Asexual reproduction of ‘Poulpah057’ by cuttings was first
done by Mogens N. Olesen in the nursery in Fredensborg,
Denmark in 2005. This initial and other subsequent propaga-
tions conducted in controlled environments have demon-
strated that the characteristics of ‘Poulpah057’ are true to type
and are transmitted from one generation to the next.

DESCRIPTION OF THE DRAWING

20 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 ‘Poulpah057’. Specifically illustrated in the
drawing are flowers at various stages of development, flower
in parts, leaves, and stems. Illustrated plants are 3 months of
age.

DETAILED DESCRIPTION OF THE VARIETY

The following is a description of ‘Poulpah057’, as
observed in its growth in glasshouses in Half Moon Bay,

Calif. Observed plants are 3 months of age and were cultivated in 4 inch. Color references are made using The Royal Horticultural Society (London, England) Colour Chart, 2001, except where common terms of color are used.

For a comparison, several physical characteristics of the rose variety ‘Poulhi008’, U.S. Plant Pat. No. 15,722. are compared to ‘Poulpah057’ in Chart 1.

CHART 1

	‘Poulpah057’	‘Poulhi008’
Petalage:	60 petals total, 15 of which are petaloids	40 to 45 petals
Flower Diameter:	50 mm	80 mm
General Tonality of Flower Color:	Blend of Red Group 55B and 55C	Red Group 55B

Flower and Flower Bud

Blooming habit: Continuous.

Flower bud:

Size.—Upon opening, 20 mm in length from base of receptacle to end of bud. 18 mm in diameter.

Bud form.—Ovate.

Bud color.—As sepals unfold, petals are Red Group 49A with Yellow-Green Group 145D at the base.

Sepals.—Upper Surface: Color: Yellow-Green Group 138B and Yellow-Green Group 147A at the apex. Texture: Smooth, moderately pubescent. Lower Surface: Color: Yellow Green Group 146A. Anthocyanin at the apex of some of the sepal margins the color of Greyed-Purple Group 183A. Texture: Smooth. Shape: Apex: Cirrhose. Base: Flat at union with receptacle. Margins: Margins have moderate to strong foliaceous appendages on three of the five sepals. Size: 36 mm long by 8 mm wide.

Receptacle.—Surface Texture: Smooth. Shape: Funnel shaped. Size: 5 mm tall and 6 mm wide. Color: Yellow Green Group 145A.

Pedicel.—Surface: Smooth with strong pubescence. Length: 25 mm on average. Diameter: Generally 4 mm. Color: Yellow-Green Group 145A. 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 50 mm when open. Flower depth is 31 mm.

Form.—General shape is a hybrid tea with a high pointed center.

Shape of flower, side view.—Upon opening, the upper portion is flat and convex. The lower portion is a flattened convex.

Petalage: Under normal conditions, flowers have 60 petals total, 15 of which are petaloids.

Color:

General tonality.—On open flower, a blend of Red Group 55B and 55C.

Upon opening, petals.—The undersurface of outer petals is Red Group 55D shaded with Red Group 49C and distinct intonations of Green-White Group 157A. The upper surface is Red Group 49A and 49B blended. The base of the upper surface is Green-White Group 157A. Innermost petals are Red Group 54D shaded

lightly with Red Group 49D on the upper surface. Undersurface of the inner petals is Red Group 54B shaded with Red Group 49C.

After opening, petals.—Outermost petals are Red-Purple Group 62C, on the upper surface with a basal petal spot Green-White Group 157A. Red-Purple Group 62B with light intonations of Red Group 49D and distinct coloration of Green-White Group 157B on the lower surface. Innermost petals are Red-Purple Group 62B with basal intonations of Green-White Group 157A on the upper surface. Red-Purple Group 62B with intonations of Red-Purple Group 62D on the lower surface.

Petals:

Petal reflex.—Moderate to strong, within 2 mm of the margin.

Margin.—Entire with slight point at the apex. Weak undulations.

Shape.—Generally broad and elliptic. Apex shape: Rounded. Base shape: Rounded.

Size.—35 mm (l) by 40 mm (w).

Texture.—Smooth.

Thickness.—Average.

Petaloids:

Quantity.—15 on average.

Shape.—Symmetric. The apex is rounded with a cleft at center, and the base is acute.

Color.—Red Group 38A with central bar the color of Yellow-Orange Group 18C.

Size.—10 mm (l) by 8 mm (w).

Reproductive organs:

Pollen.—None Observed.

Anthers.—Size: 2 mm long. Color: Yellow-Orange Group 16B. Quantity: 20 on average.

Filaments.—Color: Yellow Group 8D. Length: About 3 mm.

Pistils.—Length: About 3 mm long. Quantity: 15 on average.

Stigmas.—Inferior relative to the length of the filaments and the height of the anthers. Color: Greyed-Yellow Group 161D.

Styles.—Color: Green-White Group 157A.

Seed formation.—Not observed.

Plant

Plant growth: Upright. Plants are about 20 cm in height, and 15 cm wide.

Stems:

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

Length.—Canes are 12 cm from the base of the plant to the flowering portion.

Diameter.—3 mm.

Internodes.—On mature canes, there is an average distance of 27 mm between nodes.

Surface texture.—Young and mature wood is smooth.

Prickles:

Incidence.—6 per 10 cm of stem.

Size.—Average length: 5 mm.

Color.—Juvenile and mature prickles are Greyed-Red Group 182B.

Shape.—Linear.

Plant foliage:

Compound leaf size.—100 mm (l) by 85 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 146A with anthocyanin Greyed-Purple Group 187A at margins. Lower Leaf Surface: Yellow-Green Group 146B. 5

Color of mature foliage.—Upper Leaf Surface: Yellow-Green Group 147A. Lower Leaf Surface: Yellow-Green Group 147B. 10

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 144A. 15

Petiole.—Length: 27 mm on average. Diameter: About 2 mm. Upper surface: Greyed-Purple Group 187B. Lower surface: Yellow-Green Group 144A.

Rachis.—Length: 28 mm on average. Diameter: About 2 mm. Upper surface: Greyed-Purple Group 187B. Lower surface: Yellow-Green Group 144A. 20

Leaflet.—Number of leaflets: 5 on normal leaves in middle of the stem. Size: 60 mm in length by 40 mm wide. Margin: Serrate. General Shape: Elliptical. Apex Shape: Acute. Base Shape: Cordate. Texture: Smooth. Arrangement: Odd pinnate. Venation: Reticulate. Leaf Gloss: Slightly 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.

The invention claimed is:

1. A new and distinct variety of rose plant of the miniature class named 'Poulpah057', substantially as illustrated and described herein, due to its abundant, pink 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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