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Olesen

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(54) **MINIATURE ROSE PLANT NAMED**
‘POULPAH064’

(50) Latin Name: ***Rosa* hybrid**
Varietal Denomination: **Poulpah064**

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patent is extended or adjusted under 35
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A01H 5/02 (2006.01)

(52) **U.S. Cl.**
USPC **Plt./118**

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CPC A01H 5/0222; A01H 5/0216; A01H 5/02;
A01H 5/00
See application file for complete search history.

(56) **References Cited**

PUBLICATIONS

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Primary Examiner — June Hwu

(57) **ABSTRACT**

A new miniature rose plant that has abundant, yellow 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: ‘Poulpah064’.

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
‘Poulpah064’, 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 yellow 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 ‘Poulpah064’ from all other variet-
ies 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.
‘Poulpah064’ was selected by the inventor as a single plant
from the progeny of the hybridization in 2007.

Asexual reproduction of ‘Poulpah064’ 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 ‘Poulpah064’
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 ‘Poulpah064’. 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 ‘Poulpah064’, as
observed in its growth in glasshouses in Half Moon Bay,
Calif. Observed plants are 3 months of age and were culti-
vated in 10.5 cm pots. 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 ‘Poulsiv’, U.S. Plant Pat. No. 13,104. are compared to ‘Poulpah064’ in Chart 1.

CHART 1

	‘Poulpah064’	‘Poulsiv’
Petalage:	35 petals, 3 to 5 of which are petaloids.	50 to 55 petals under normal conditions with 3 to 5 petaloids
Flower Diameter:	60 mm	40 mm
General Tonality of Flower Color:	Yellow-Orange Group 14C with intonations of Yellow-Orange Group 22B	Yellow Group 8A to 8B

FLOWER AND FLOWER BUD

Blooming habit: Continuous.

Flower bud:

Size.—Upon opening, 25 mm in length from base of receptacle to end of bud. 14 mm in diameter.

Bud form.—Urceolate.

Bud color.—As sepals unfold, petals are Yellow-Orange Group 15A.

Sepals.—Upper Surface: Color: Yellow-Green Group 147B. Texture: Smooth, moderately pubescent. Lower Surface: Color: Yellow-Green Group 146B. Texture: Smooth. Shape: Apex: Cirrhose. Base: Flat at union with receptacle. Margins: Margins have weak foliaceous appendages on three of the five sepals. Size: 30 mm long by 8 mm wide.

Receptacle.—Surface Texture: Smooth. Shape: Campanulate. Size: 8 mm tall and 7 mm wide. Color: Yellow Green Group 144B.

Pedicel.—Surface: Smooth. Length: 20 mm on average. Diameter: About 2.5 mm. Color: Yellow-Green Group 144B. Strength: Medium strength.

Borne.—Singly.

Flower bloom:

Fragrance.—Medium sweet floral scent.

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

Size.—Flower diameter is about 60 mm when open. Flower depth is 30 mm.

Form.—General shape is an open cup.

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

Petalage: Semi-double. About 35 petals, 3 to 5 of which are petaloids.

Color:

General tonality.—On open flower Yellow-Orange Group 14C with intonations of Yellow-Orange Group 22B. General tonality changes to.

Upon opening, petals.—Outermost petals are Yellow-Orange Group 16B with intonations of Yellow Group 13A towards the petal base on the upper surface. Yellow-Orange Group 19A on the lower surface with intonations of Yellow Group 13A towards the base. Innermost petals are Yellow Group 13A with intonations of Yellow-Orange Group 22A on the upper surface. Orange Group 24B with intonations of Yellow-Orange Group 15A at the margin on the lower surface.

After opening, petals.—Outermost petals are Yellow Group 13C, shaded with Yellow-Orange Group 22A on the upper surface. Yellow-Orange Group 15D on the lower surface with light intonations of Yellow-Orange Group 22B. Innermost petals are Yellow-Orange Group 14C on the upper surface. Yellow-Orange Group 16B on the lower surface.

Petals:

Petal reflex.—Weak.

Margin.—Entire, with strong undulations.

Shape.—Generally rounded. Apex shape: Rounded. Base shape: Rounded.

Size.—32 mm (l) by 34 mm (w).

Texture.—Smooth.

Thickness.—Average.

Petaloids:

Quantity.—About 3 to 5.

Shape.—Apex and base are Rounded.

Color.—Yellow-Orange Group 14A on the upper surface. Yellow-Orange Group 16A on the lower surface.

Size.—15 mm (l) by 15 mm (w).

Reproductive organs:

Pollen.—None Observed.

Anthers.—Size: 2 mm long. Color: Yellow Group 13A. Quantity: 30 on average.

Filaments.—Color: Yellow-Orange Group 17A. Length: About 5 mm.

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

Stigmas.—Slightly inferior relative to the length of the filaments and the height of the anthers. Color: Yellow-Green Group 150D.

Styles.—Color: Yellow-Green Group 150D.

Seed formation.—Not observed.

PLANT

Plant growth: Upright. Plants are 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 15 mm between nodes.

Surface texture.—Young and mature wood is smooth.

Prickles: Few small pickles 1 mm in length, Yellow Green 145C. Long prickles not observed.

Plant foliage:

Compound leaf size.—80 mm (l) by 65 mm (w).

Leaf bearing angle to the stem.—60 to 90 degrees.

Quantity.—4 to 5 leaves per 10 cm of stem.

Color of juvenile foliage.—Upper Leaf Surface: Yellow-Green Group 146C. Lower Leaf Surface: Yellow-Green Group 146C. Anthocyanin: Greyed-Purple Group 183A at the margins of the upper surface and shaded underneath.

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 9 mm in length. Shape: Linear, slightly broad based with outward extending apices.

Margins: Finely serrated with few stipitate glands.
Color: Yellow-Green Group 144A.

Petiole.—Length: 15 mm on average. Diameter: About 1 mm. Upper surface: Yellow-Green Group 144A. Lower surface: Yellow-Green Group 144B.

Rachis.—Length: 25 mm on average. Diameter: About 1 mm. Upper surface: Yellow-Green Group 144A with intonations of Greyed-Purple Group 183A. Lower surface: Yellow-Green Group 144B.

Leaflet.—Number of leaflets: 5 on normal leaves in middle of the stem. Size: On average 50 mm in length by 32 mm wide. Margin: Serrate. General Shape: Ovate. Apex Shape: Cuspidate. Base Shape: Round. Texture: Smooth. Arrangement: Odd pinnate. Venation: Reticulate. Leaf Gloss: Not 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: 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 'Poulpah064', substantially as illustrated and described herein, due to its abundant, yellow 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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