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R. S. MOORE

Plant Pat. 3,538

MINIATURE ROSE PLANT

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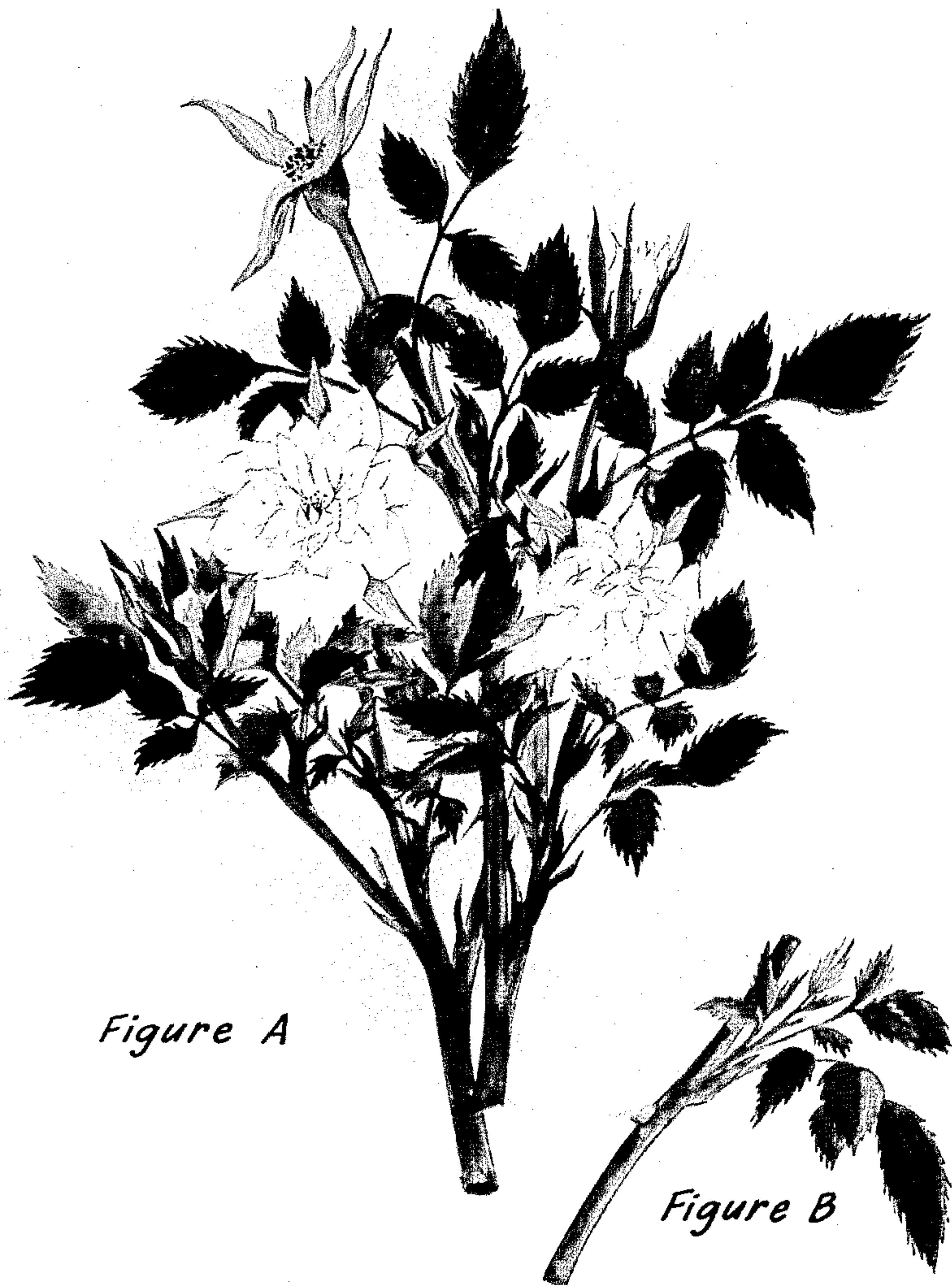


Figure A

Figure B

WITNESS

Jeanette Humm Copley

INVENTOR

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3,538

MINIATURE ROSE PLANT

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1 Claim

The present invention relates to a new and distinct variety of hardy, dwarf, bush type rose plant of the miniature class; the variety being primarily characterized—
as to novelty—by buds and flowers of clear pure white
blended with soft to very soft shades of yellow at base
of buds and in center of opening flowers.

The variety is further characterized by:

An abundance of bloom, with flowers borne singly or
several to the stem.

Light fragrance.

A plant which is vigorous, of rounded to spreading
habit, and with semi-glossy, small to medium small foliage
with pointed leaflets; the buds and flowers being similar
in shape, but of smaller size, as compared to Jet Trail
(U.S. Plant Pat. No. 2,683). The plant which has a
normal height of 10" to 12" at maturity can easily be
maintained at 10" or less with occasional trimming.

A plant which grows and blooms satisfactorily both
in greenhouse and outdoors; is a good plant for growing
in pots; and provides excellent garden decoration as well
as cut flowers.

The present variety of miniature rose was originated
by me at my nursery located at Visalia, Calif., under
conditions of careful control and observation, as a cross
between an unnamed seedling (*Rosa wichuraiana* ×
Floradora—not patented) as the seed parent, and an un-
named seedling (Little Darling—U.S. Plant Pat. 1,581 ×
unnamed red miniature) as the pollen parent.

Subsequent to origination of the variety I successfully
asexually reproduced it, in my nursery located as afore-
said, by budding as well as by cuttings; the reproductions
having run true in all respects.

The figure of the drawing illustrates a spray, including
foliage, buds and flowers.

Referring now specifically to the new and distinct
variety of miniature rose plant, the following is a detailed
description thereof in outline; all major color plate iden-
tifications being by reference to the British Colour Coun-
cil Horticultural Colour Chart, except where common
terms of color definition are employed.

Type: Hardy; dwarf; bush; seedling; greenhouse; out-
doors; garden decoration; potted plant.

Class: Miniature.

Flowers: Continuity—continuous; repeat blooms all
season.

Fragrance—Slight to moderate.

Flowers borne: Singly and several together on medium
length; sturdy, wire-like stem.

Quantity of bloom: Average abundance (or above) both
outside and in greenhouse.

Bud:

Peduncle.—Medium length; erect; light green; es-
sentially smooth surface.

Before calyx breaks.—Size, small.

Form.—Long pointed; with foliaceous appendages on
surface of bud; with foliaceous parts extending
beyond the tip of the bud equal to one half or
more of its length.

Color.—Light to medium green.

As calyx breaks.—Color: white, lightly tinted green-
ish yellow.

Form.—Long pointed, becoming long urn-shaped as
it opens.

Opening.—Usually opens well in all weather.

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Bloom:

Size when fully open.—Small, averaging about 1"
(2.5 centimeters).

Petalage.—Double—averaging about 30 petals ar-
ranged regularly.

Form.—Slightly rounded (high center) at first with
petals rolled loosely outward, and later at maturity
remaining loosely rolled outward with outer petals
rolled more downward.

Petals: Rather thin; satiny both inside and outside.

Shape.—Outside petals broadly lanceolate with acute
tip; inside petals—narrowly lanceolate, acute tip.

Color: Newly opened flower from a plant grown out-
doors (September 1972) Visalia, Calif.

Outside petal.—Outside surface—nearly pure white
shading into pale yellow thence to Canary yellow
2/2 (or lighter) at base; inside surface—nearly
pure white shading into pale yellow thence to
Canary yellow 2/2 at base.

Intermediate petals.—Similar to outside petal on both
surfaces.

Inside petal.—Similar to intermediate petal on both
surfaces but less white area and more soft yellow
area—lighter yellow at base on both surfaces than
intermediate petal.

General color effect newly opened flower.—White
with very soft yellow in center of flower; outer
petals often tipped pink in cooler weather. As
flowers age petals become more white with tips
often tinted pink, especially outdoors in cool
weather.

Behaviour.—Spent blooms may persist for a time as
flower ages, then petals usually drop clean.

Flower longevity (April 1972).—Bush in pot in
greenhouse—5 to 8 days. Cut flowers at living
room temperature—4 to 8 days.

Reproductive organs:

Stamens.—Average number; arranged irregularly
about pistil.

Filaments.—Short; of varying length.

Pollens.—Very small amount; yellow.

Pistils.—Average.

Styles.—Medium length; bunched; pale yellow or
near white color.

Stigma.—Pale, greenish white.

Ovaries.—All enclosed in calyx.

Hips.—None.

Sepals.—Permanent; spear shaped.

Seeds.—None.

50 Foliage:

Leaves.—Compound of five leaflets (occasionally 3);
abundant; medium small; leathery; semi-glossy.

Leaflets.—Shape: fairly narrowly lanceolate; apex,
acute; base, acute or nearly round. Margin, ser-
rate. Color: normal light green. Rachis: medium
strength; upper side, grooved; under side, few or no
thorns. Stipules: medium to long; narrow width;
short to medium length; points, turning out at
an angle of about 45 degrees.

Growth:

Habit.—Dwarf; bushy; rounded to spreading (out-
doors); much branched.

Growth.—Free; vigorous.

Canes.—Medium; slender.

Main stems.—Color: medium green—becomes gray-
ish with age. Thorns: sparse. Prickles—none.
Hairs—none.

Branches.—Color: medium green. Thorns: few or
none; medium length; hooked slightly downward;
medium to long oval base. Prickles—none. Hairs—
none.

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New shoots. Color: medium waxy green; sometimes tinted bronze. Thorns: few or none; medium length; hooked slightly downward; light brown to reddish; sharp points; base—short, oval. Pickles—none. Hairs—none.

The miniature rose plant and its flowers as herein described may vary in slight detail due to climatic, soil and cultural conditions under which the variety may be grown; the present description being of the variety as grown at Visalia, Calif.

The following is claimed:

1. A new and distinct variety of miniature rose plant of hardy, dwarf, rounded, much branched, bush type, as illustrated and described, characterized by buds and flowers resembling the Jet Trail miniature rose (U.S. Plant

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Pat. No. 2,683) in general form of both bud and flower, but of somewhat smaller size, the color also being similar except that the present variety has more yellow in the bud and opening flower, the general color effect of the freshly opened flower being white to near white with the petal tips becoming pink as flower ages; and further characterized by a plant which is vigorous and compact in growth, easy to propagate from cuttings, with small semi-glossy foliage of a medium green color and an abundance of bloom borne almost continuously throughout the growing season with flowers borne singly or several to the stem.

No references cited.

15 ROBERT E. BAGWILL, Primary Examiner