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(54) **HYBRID TEA ROSE PLANT NAMED
‘HILMOC’**
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patent is extended or adjusted under 35
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(58) **Field of Search** **Plt./140, 139**
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(57) **ABSTRACT**
Described is a hybrid tea rose plant variety producing red
flowers of good form.

1 Drawing Sheet

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BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct hybrid
tea rose variety which was originated by my crossing as seed
parent the variety known as ‘Cindy’ (patented MEltinor,
U.S. Plant Pat. No. 3,910) and as pollen parent the variety
known as ‘Samantha’ (patented JACmantha, U.S. Plant Pat.
No. 3,727). The varietal denomination of this new rose is
‘Hilmoc’.

SUMMARY OF THE INVENTION

Among the novel characteristics possessed by the new
variety which distinguish it from all other red rose varieties
of which I am aware are its long vase life and long stems.
Asexual reproduction by budding/grafting of the new variety
as performed in Richmond, Ind., shows that the foregoing
and other distinguishing characteristics come true to form
and are established and transmitted through succeeding
propagation. Other known forms of asexual reproduction
may be also used.

COMPARISON WITH PARENTS

This variety is different and distinguishes from its pollen
parent ‘Samantha’ and seed-parent ‘Cindy’ by having
greater vase life and stem length than ‘Samantha’ while
retaining its vivid red color and possessing the high produc-
tion of its seed parent ‘Cindy’.

BRIEF DESCRIPTION OF ILLUSTRATION

The accompanying illustration shows typical specimens
of the vegetative growth and flowers of the new variety in
different stages of development and depicted in color as
nearly true as it is reasonably possible to make the same in
a color illustration of this character.

DESCRIPTION OF THE NEW VARIETY

The following is a detailed description of the new variety,
from two year old plants grown under glass in Richmond,
Ind., in the month of July. Plant height at the time of testing
was about 4½ feet high by about 18' wide. The color
terminology used is in accordance with The Royal Horti-
cultural Society Colour Chart (R.H.S.C.C.), and refers to
plate numbers in the aforementioned color chart. Phenotypic

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expression may vary depending on light, environmental and
cultural conditions.

Fragrance: None.
Bud:
Peduncle.—Medium length (about 4"–5"), medium
diameter, and medium strength, with smooth bark.
Color.—Near 146A.
Thorns.—None.
Prickles.—None.
Hair.—Few.
Color of hairs.—Near 157A.
Before calyx breaks:
Bud size.—Small, length about 1¾", width about 1½",
diameter about ½–1".
Bud form.—Short pointed without a conspicuous neck;
with foliaceous appendages on the surface of the
bud, with slender foliaceous parts extending beyond
the tip of the bud equal to ½ or more its length. As
it opens the petal arrangement is imbricated.
Color of calyx.—Near 138B.
As calyx breaks.—Inside color: near 138D bordered
with near 138B.
As first petal breaks.—Outside color near 138A bor-
dered near 138B.
Bud size.—Small, length about 1¾", width about 1½".
Bud form: Short, pointed. Texture of Calyx: Smooth
upper and lower sides.
Color petal outside.—Near 60A.
Inside.—Near 53A.
Bud opening in greenhouse.—Opens well.
Flower:
Flowers borne.—Singly and in clusters of about 2 or 3
blooms (about 32"–35") on long medium strong
stems.
Bloom (open):
Size when fully open.—Medium large, about 5 inches to
about 5½ inches.
Petalage.—Double, 24–27.
Form.—High centered, becoming flat upon opening,
petals loosely roll outward at maturity and are imbric-
ated.
Petals.—Thick, inside velvety, outside satiny.
Petals/shape.—Round, apex obtuse, length about 1¾",
width about 2".

Color of outer petal.—Outside surface: Near 60B.
 Inside surface: Near 53A.
Color of intermediate petal.—Outside surface: Near 60B. Inside surface: Near 53A.
Color of inner petal.—Outside surface: Near 60B. Inside surface: Near 53A.
Behavior of petals in greenhouse.—Persist.
Flower longevity.—About 14 days after cutting.
Color of open bloom.—Near 53A.
Color three days open.—Near 53A.

Foliage:

Leaves.—Compound of three to five leaflets, medium size, length about 2 $\frac{1}{8}$ ", width about 1 $\frac{3}{4}$ ".
Arrangement.—Leathery texture on upper and lower surfaces: arranged in an alternating fashion along the stem.
Leaflets.—Shape: Elliptical. Apex: Acute. Base: Acute. Margin: Simply serrate.
Color of leaflets.—Mature, upper surface: Near 137A. Mature, under surface: Near 191A. Young, upper surface: Near 187A. Young, under surface: Near 183C. Upper side: Smooth. Under side: Sparsely thorny.
Stipules.—Medium length about $\frac{1}{2}$ ", medium width about $\frac{1}{4}$ ", with points which are medium length turning out an angle of more than 45°. Texture is smooth on upper and lower sides.
Sepals.—Permanent, medium length (about 2"), spear-shaped, recurved width at base about $\frac{1}{2}$ " tip about $\frac{1}{16}$ ".
Under side.—Near 138D bordered with near 138B.
Upper side.—Near 138A bordered with near 138B.

Growth:

Habit.—Upright, branching.
Growth.—Free, vigorous.
Canes.—Medium diameter about $\frac{3}{4}$ ", length about 32–35".
Main stems.—Near 138A.
Thorns.—Several, medium length about $\frac{3}{8}$ ", slightly hooked downward, with broad narrow base.

Color of thorns.—Near 165B.
Prickles.—Very few.
Color of prickles.—Near 138A.
Hairs.—None.
Texture of bark.—Smooth.
Branches.—Near 137C.
Thorns.—Several, medium length about $\frac{3}{8}$ ", straight, downward, with broad, narrow base.
Color of thorns.—Near 144B.
Prickles.—None.
Hairs.—None.
New shoots.—Color: Near 138B. Thorns: Several, medium length about $\frac{1}{4}$ " with broad, narrow base.
Color of thorns.—Tip: Near 143D. Base: Near 39A.
 Prickles: None. Hairs: None. Texture of Bark: Smooth.
 Reproductive organs:
Stamens.—Medium about $\frac{1}{2}$ ", about 98, arranged regularly, tucked in calyx.
Filaments.—Short about $\frac{1}{4}$ " most with anthers.
Color of filaments.—Near 51A.
Anthers.—Medium about $\frac{3}{16}$ ", all open at once, about 98 anthers.
Color of anthers.—Margins near 163C. Center near 39A.
Pollen.—Moderate.
Color of pollen.—Near 160B.
Quantity pistils.—Many about 160, length about $\frac{3}{8}$ ".
Styles.—Even, short, about $\frac{1}{4}$ ", moderately thin, bunched.
Color of styles.—Near 53B.
Color of stigma.—Near 158B.
Ovules.—All encased.
Hips.—None.
Seeds.—None.

I claim:

1. A new and distinct hybrid tea rose plant known of the variety known as 'HILMOC' substantially as shown and described.

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