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R. KORDES

Plant Pat. 3,414

ROSE PLANT

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REIMER KORDES  
INVENTOR

BUCKHORN, BLORE, KLARQUIST & SPARKMAN  
ATTORNEYS



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3,414

## ROSE PLANT

Reimer Kordes, Sparrieshoop, near Elmsborn, Germany,  
assignor to Jackson & Perkins Company, Medford,  
Oreg.

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### 1 Claim

This invention relates to a new and distinct variety of  
rose plant of the hybrid tea class originated by me by  
crossing the variety Konigin der Rosen with the variety  
Golden Wave, U.S. Plant Pat. 2,105.

The primary objective of this breeding was to produce  
a new and improved variety of the hybrid tea class which  
would have large blooms in the yellow range carried on  
compact, erect, strong stemmed plants.

This objective was fully achieved along with other de-  
sirable improvements as evidenced by the following  
unique combination of characteristics which are out-  
standing in the new variety and which distinguish it from  
its parents as well as from all other varieties of which I  
am aware:

- (1) An erect type of plant whose canes and flower stems  
carry the blooms in an upright manner.
- (2) Large flower, often 5½ inches in diameter when  
open, having 45 to 50 petals.
- (3) Unusually thick petals for a very double variety.
- (4) A rich Lemon yellow flower slightly overlaid with  
Neyron rose and Nasturtium Orange in its early stages.

Asexual reproduction of this new variety by budding  
as performed at Sparrieshoop, Holstein, Germany, shows  
that the aforementioned characteristics come true to form,  
and are established and transmitted through succeeding  
propagations.

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

The following is a detailed description of the new rose  
variety, with color terminology in accordance with  
Wilson's Horticultural Color Chart, except when ordinary  
dictionary meaning is indicated.

Parentage: Seedling

Seed parent.—Konigin der Rosen.

Pollen parent.—Golden Wave, U.S. Plant Patent  
2,105.

Classification:

Botanic.—Rosa hybrid.

Commercial.—Hybrid tea.

### FLOWER

(Observations were made in early October at Irvine,  
Calif.)

Blooming habit: Recurrent—continuous.

Bud:

Size.—1¼–1¾ inches when petals start to unfurl.

Form.—Short, pointed, ovoid, broad based.

Color.—When sepals first divide—Chinese yellow  
(606), except where first exposed to light, here  
overlaid with irregular areas of Neyron Rose  
(623) and Delft Rose (020). Petal tips often  
lightly tinted with Neyron Rose (623). When half  
blown—inside of petals near Lemon yellow (4)  
lightly overlaid with Nasturtium Orange (610);  
reverse of petals near Lemon yellow (4/1) with  
very little overlay of Nasturtium Orange.

Sepals.—Color: Outside: Scheeles Green (860/3)  
streaked on exposed side with Oxblood Red

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(00823/3). Surface scattered with gland tipped  
hairs. Inside: Near but much lighter than Garnet  
Brown (00918/3) covered with white tomentum.  
Three appendaged sepals normally appendaged.  
Two unappendaged sepals smooth edged.

Receptacle.—Color: Lettuce Green (861/1). Shape:  
Very broadly conical. Size: Large, broad. Surface:  
Smooth.

Peduncle.—Length: Medium. Surface: Prickly. Col-  
or: Lettuce Green (861/1) on shady side, Garnet  
Brown (00918/3) on sunny side. Strength: Stiff,  
erect.

Opening.—Petals remain nearly flat as they fold out.  
Bloom:

Size.—Large (4" to 5½").

Borne.—Singly.

Stems.—Medium.

Form.—When first open—high center. Permanence—  
retains its form to the end. Reproductive parts  
exposed in very open form.

Petalage.—From 45 to 50.

Color.—Center of flower: Upper side of petals—  
Lemon Yellow (4/1). Reverse side of petals—  
Lemon Yellow (4/2). Outer petals: Upper side  
of petals—Lemon Yellow (4) at base fading to  
Lemon Yellow (4/3) at outer tip. Reverse of  
petals: Aureolin (3) at base fading to Aureolin  
(3/3) at outer tip. Base of petals: Lemon Yellow  
(4). General tonality from a distance—Lemon  
Yellow (4).

Discoloration.—General tonality at end of first day—  
same. Third day—Center petals Lemon Yellow  
(4/1). Outer petals Lemon Yellow (4/2).

Fragrance.—Slight.

35 Petals:

Texture.—Thick.

Surface.—Inside—satiny. Reverse—satiny.

Shape.—Round.

Form.—Slightly curved from base to tip with sides  
very little curled down.

Arrangement.—Imbricated.

Persistence.—Drop off cleanly.

Lastingness.—On the plant—long. As cut flower—  
long.

45 Reproductive parts:

Stamens, anthers.—Medium. Color—yellow. Ar-  
rangement—regular around styles, mixed with  
petaloids.

Stamens, filaments (threads).—Long—medium. Col-  
or—yellow.

Pollen.—Lemon Yellow.

Styles.—Loosely separated.

Stigmas.—Color—yellow.

Ovaries.—All enclosed in calyx.

### PLANT

Form: Bush.

Growth: Very vigorous; upright. Flowering stems are un-  
usually strong and erect.

60 Foliage: Compound of 5 leaflets.

Size.—Medium.

Quantity.—Normal.

Color.—New foliage: Near Garnet brown  
(00918/3). Old foliage: Close to Parsley green  
(00962).

Leaflets.—Shape—Oval. Texture—Upper side, leath-  
ery. Under side, smooth. Ribs and veins, ordinary.  
Edge—Serrated. Serration—Small, irregular or un-  
even. Petiole—Rachis—Color, green. Underside—  
prickles. Stipules—Long. Disease resistance—Re-  
sistant to mildew under normal growing conditions  
at Irvine, Calif.

## Wood:

*New wood.*—Color—Light green. Bark—smooth.

*Old wood.*—Color—Green. Bark—smooth.

## Prickles:

*Quantity.*—On main stalks—many. On laterals—  
many. 5

*Form.*—Straight.

*Color.*—Brown.

*Short prickles.*—Quantity: On main stalks—few. On  
laterals—few.

## I claim:

1. A new and distinct variety of rose plant of the hybrid tea class, substantially as herein shown and described, characterized particularly as to novelty by the combination of a very double, large flower of Lemon yellow, overlaid in early stages by Neyron rose and Nasturtium orange, borne on stiff, erect, thorny stems.

No references cited.

10 ROBERT E. BAGWILL, Primary Examiner