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Plant Pat. 350

ROSE

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INVENTOR

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UNITED STATES PATENT OFFICE

350
ROSE

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1 Claim. (Cl. 47—61)

My new invention is the result of definite breed-
ing efforts in my gardens and is a cross between
Mrs. Van Rossen and an unknown seedling. The
most outstanding feature of this rose is its dis-
tinctive and brilliant coloring although its vigor
and freedom of growth are also notable. Asexu-
ally reproduced plants have retained these
marked characteristics.

The original paintings accompanying this ap-
plication show three roses of this variety in vari-
ous stages of opening, together with a portion
of the stems and leaves, in approximately their
true colors.

Following is a detailed description of my new
variety of rose. Color plate references indicate
Ridgway's Color Standards and Nomenclature.
Where no plate numbers are given, ordinary dic-
tionary terms are intended.

The plant

Growth:
Vigorous and upright bush, attaining a height
of about 18 inches. Blooms and branches
freely.

Stem:
Long; stout; have many thorns.
Thorns—Sharp-pointed; pink to red; large;
downward-pointing.
Nodes—Shorter than usual for hybrid teas.
Color—Forest Green (Plate XVII), sometimes
bronzed on side next sun.

Foliage:
Abundant; medium size; glossy.
Leaves—Compound, usually composed of 5
leaflets. Leaflets: shape—ovate with acu-
minate apex; size—terminal leaflet 2½ to
2½ inches long by 1½ to 1¾ inches wide;
color—upper surface Empire Green (Plate
XXXII). Under surface Pois Green (Plate
XLI). Edge usually has reddish tinge.
Rachis—Heavy; grooved and reddish-tinged
above; sharp thorns below.
Stipules—Narrow; clinging; sharp-pointed.

The flower

Bud:
Peduncle—Long; sturdy; covered with fine
prickles; Cress Green (Plate XXXI), fre-
quently bronzed on side next sun.
Size—Large; averages 2½ inches long just be-
fore unfolding.
Form—Long-pointed.
Color—Entirely Empire Yellow (Plate IV) ex-
cept for the vivid contrast formed by the
visibility of a portion of the inner surface.
The petals opening first usually curl back-
ward horizontally permitting a stripe of the
vivid inner surface to appear on the yellow
bud. The inner surface of the outer petals
of the opening bud is a color between Grena-
dine and Flame Scarlet (Plate II).

Opening—Opens slowly and perfectly.

Sepals—Broad and not foliaceous. Inner sur-
face is covered with white fuzz. Sepals do
not turn backward until after the bud has
opened.

Blooms:

Size—Large, averaging 5 to 5½ inches across.

Form—High-centered at first; later opens
cup-shaped with the outer petals quilled.

Petalage—Double, having in February about 35
petals.

Petals—Size—outer petals about 1¾ inches
wide by 2¼ inches long. Shape—obovate.
Substance—heavy and soft. Arrangement—
regular. Color—the blossom is decidedly
two-toned, the inner surface of the petals
contrasting sharply with the outer surface.
The outer surface is almost uniformly Em-
pire Yellow (Plate IV). The color of the
inner surface of the outer row of petals lies
between Grenadine and Flame Scarlet
(Plate II). The inner surface of the inner
petals tends slightly more toward the pink
and in the fully opened flower approaches
a color which would fall between light Coral
Red (Plate XIII) and Rose Doree (Plate I).
Because of the distinctive color of this rose
and the fact that the exact color is not found
in Ridgway's Color Standards, it is difficult
to indicate it accurately.

Longevity—Lasts well as a cut flower.

Behavior—Petals cling a long time then drop
off cleanly.

Fragrance—Moderate.

Reproductive organs

Stamens:

Many; irregularly bunched around pistils.

Filaments—Irregular lengths, with some un-
usually long. Approximately Primuline Yel-
low (Plate XVI) with orange tinge at base.

Anthers—Medium size; color is light brown,
approximately Ochraceous-Tawny (Plate
XV).

Pistils:

Many; bunched.

Styles—Uneven; shorter than most of the sur-
rounding stamens; white.

Stigmas—Light yellow.

Hips:

Large; blunt.

Having thus disclosed my invention, I claim:

A new and distinct variety of hybrid tea rose,
characterized particularly by its free and vigorous
growth, and its distinctive and brilliant two-
toned blossoms having petals with their inner
surface principally orange and their outer sur-
face vivid yellow, substantially as shown and
described.

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