



US00PP18558P2

(12) **United States Plant Patent**  
**Harkness**

(10) **Patent No.:** **US PP18,558 P2**

(45) **Date of Patent:** **Mar. 4, 2008**

(54) **FLORIBUNDA ROSE PLANT NAMED**  
**'HARGRACE'**

(58) **Field of Classification Search** ..... Plt./143,  
Plt./146  
See application file for complete search history.

(50) Latin Name: *Rosa hybrida*  
Varietal Denomination: **HARgrace**

(56) **References Cited**

(75) Inventor: **Robert B. Harkness**, Le Tignet (FR)

U.S. PATENT DOCUMENTS

(73) Assignee: **Jackson & Perkins Wholesale, Inc.**,  
Medford, OR (US)

PP10,478 P \* 7/1998 Harkness ..... Plt./141  
PP15,334 P2 \* 11/2004 Fryer ..... Plt./143

(\* ) Notice: Subject to any disclaimer, the term of this  
patent is extended or adjusted under 35  
U.S.C. 154(b) by 0 days.

\* cited by examiner

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(21) Appl. No.: **11/586,027**

(57) **ABSTRACT**

(22) Filed: **Oct. 24, 2006**

Floribunda rose plant having excellent flower form; high  
production of orange flowers; and dark, glossy foliage  
having good resistance to mildew and rusts.

(51) **Int. Cl.**  
**A01H 5/00** (2006.01)

(52) **U.S. Cl.** ..... **Plt./143**; Plt./146

**1 Drawing Sheet**

**1**

**2**

Genus and species: *Rosa hybrida*.  
Variety denomination: 'HARGrace'.

Comparison with Parents

ORIGIN OF THE INVENTION

The present invention relates to a new and distinct variety  
of a floribunda rose plant named 'HARGrace' which was  
originated by me by crossing the variety 'Silver Jubilee' (not  
patented), with the variety 'Dame of Sark' (not patented).

'Silver Jubilee', the female parent, is a pink blend while  
'HARGrace' is apricot to peach color. 'Silver Jubilee' hides  
its blooms while 'HARGrace' holds them above the plant.  
'Silver Jubilee' has one bloom per stem while 'HARGrace'  
has large clusters of bloom. 'Dame of Sark', the male parent,  
is a red floribunda with some yellow on the petal reverse.  
'HARGrace' is apricot to peach in color. 'Dame of Sark'  
frequently has distorted petals while 'HARGrace' is sym-  
metrical in form.

BACKGROUND OF THE INVENTION

The primary objective of this breeding was to produce a  
new floribunda rose variety having well formed blooms in  
sprays, to increase the disease resistance with the aim of  
developing a low maintenance rose and to improve the  
number of blooms by having the re-bloom cycle as speedy  
as possible.

Comparison with Similar Variety

'HARGrace' is similar to 'Southampton' (unpatented), a  
marmalade-orange floribunda, which is more open and taller  
than 'HARGrace'. It is also similar to Easy Going  
( 'HARGrace' ) (U.S. Plant Pat. No. 10,478). Easy Going has  
golden-amber blooms while 'HARGrace' has apricot  
blooms. 'HARGrace' has larger sprays than Easy Going.

BRIEF SUMMARY OF THE INVENTION

The objective was substantially achieved, along with  
other desirable improvements, as evidenced by the follow-  
ing unique combination of characteristics that are outstand-  
ing in the new variety and that distinguish it from its parents,  
as well as from all other varieties of which I am aware:

BRIEF DESCRIPTION OF THE ILLUSTRATION

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

1. Flower form is excellent like its female parent.
2. High flower production like the male parent.
3. Great flower color which is a blend of both parents.
4. Dark, glossy foliage like the female parent with the  
disease resistance of the male parent.

DETAILED BOTANICAL DESCRIPTION

The following is a detailed description of my new rose  
cultivar with color descriptions using terminology in accord-  
ance with The Royal Horticultural Society (London)  
Colour Chart© 2001, except where ordinary dictionary  
significance of color is indicated.

Asexual reproduction of this new variety by cuttings, as  
performed at Wasco, Calif., shows that the foregoing and all  
other characteristics and distinctions come true to form and  
are established and transmitted through succeeding propa-  
gations.

Parentage:

*Seed parent.*—'Silver Jubilee' (not patented).

*Pollen parent.*—'Dame of Sark' (not patented).

## FLOWER

Observations made from January 2006 to October 2006 from plants commencing at two years of age grown in a garden environment at Wasco and Somis, Calif.

Blooming habit: Continuous.

Bud:

*Size*.—About 30 mm long and 20 mm in diameter when the petals start to unfurl.

*Form*.—The bud form is long, pointed ovoid.

*Color*.—When sepals first divide, bud color is Orange Group 28C. When half blown, the upper sides of the petals are Orange Group 26D on the outer two-thirds, the petal changing to Yellow-Orange Group 14C with a final 10 mm×10 mm section at the petal base of Yellow-Orange Group 14A, and the lower sides of the petals are Orange Group 28C on the outer two-thirds of the petal changing to Yellow-Orange Group 14C on the bottom one-third of the petal.

*Sepals*.—Color: Upper surface: Mainly Yellow-Green Group 146B with occasional Greyed-Red Group 182A and an overlay of Greyed-White Group 156D. Lower surface: Blend of Yellow-Green Group 144A and Greyed-Purple Red Group 178B. Length: 25–30 mm. Width: 8–10 mm. Shape: Subulate. Surface texture: Upper: Hoary. Lower: Smooth with few glands. There are three lightly appendaged sepals. There are two unappendaged sepals with glandular edges.

*Receptacle*.—Color: Yellow-Green Group 144A. Shape: Funnel. Size: Small, about 5 mm long×5 mm wide. Surface: Hairy.

*Peduncle*.—Length: Short, averaging about 3–5 cm. Surface: Glandular. Color: Blend of Yellow-Green Group 144A and Greyed-Red Group 182A. Strength: Stiff, slender.

Bloom:

*Size*.—Medium. Average open diameter is about 80 mm.

*Borne*.—In flat clusters of 5–9 blooms.

*Stems*.—Strength: Strong. Average length is about 30–40 cm with a diameter of 7–8 mm.

*Form*.—When first open: High centered. Permanence: Flattens.

*Petalage*.—Number of petals under normal conditions: 15–20.

*Color*.—The upper sides of the inner petals are Orange Group 26D on the outer two-thirds of the petal changing to Yellow-Orange Group 14C with a final color spot 10 mm×10 mm of Yellow-Orange Group 14A. The reverse sides of the inner petals are Orange Group 28C on the outer two-thirds of the petal changing to Yellow-Orange Group 14C on the inner one-third of the petal with a final 10 mm×10 mm Yellow-Orange Group 14A color spot. The major color on the upper sides is Orange Group 26D.

*Variations*.—None observed.

*Discoloration*.—The general tonality at the end of the first day: Little change. At the end of the third day: Changing to Orange Group 27A with Yellow-Orange Group 14A at the base. Further aging: No further change.

*Fragrance*.—Moderate, sweet damask.

Petals:

*Texture*.—Thick, leathery.

*Surface*.—Smooth.

*Shape*.—Orbicular.

*Margin*.—Entire. Apex Shape: Obtuse. Base Shape: Rounded.

*Form*.—Tips slightly recurved.

*Arrangement*.—Imbricated.

*Petaloids*.—Number: 1–3. Color: Same as petals.

*Persistence*.—Petals drop off cleanly before drying.

*Lastingness*.—On the plant: Fair (about 6 days). As a cut flower: Fair (about 8 days).

Reproductive parts:

*Stamens*.—Number: 60–80. Length: 9–13 mm. Anthers: Length: 1 mm. Color: Greyed-Orange Group 163B. Arrangement: Regular around styles. Filaments: Color: Red Group 45D at base fading to Yellow-Orange Group 19A. Length: 8–12 mm. Pollen: Color: Greyed-Orange Group N172C.

*Pistils*.—Number: 40–60. Length: 6–8 mm. Styles: Color: Bottom half, Green-Yellow Group 1C; top half Red Group 45B. Length: 1 mm. Stigmas: Color: Greyed-Orange Group 165C. Length: 5–7 mm.

*Hips*.—None observed.

## PLANT

Form: Bush.

Growth: Vigorous, upright, branching.

Age at maturity: Two years.

Mature plant: Height: 80–90 cm. Width: 60–70 cm.

Rootstock: Own root.

Foliage: Number of leaflets on normal mid-stem leaves: 5 or 7.

*Size*.—Medium. About 120 mm long×90 mm wide.

*Quantity*.—Normal.

*Color*.—New foliage: Upper side: Greyed-Red Group 178B. Lower side: Greyed-Red Group 178B. Old foliage: Upper side: Green Group 139A. Lower side: Green Group 139B.

Leaflets:

*Size*.—About 45 mm long×25 mm wide.

*Shape*.—Ovate.

*Base shape*.—Rounded.

*Apex shape*.—Acuminate.

*Texture*.—Leathery, glossy.

*Edge*.—Serrated.

*Serrations*.—Single.

*Petiole*.—Color: Yellow-Green Group 146C.

*Petiole rachis*.—Color: Yellow-Green Group 146C. Underside: Rough with prickles and glands.

*Auricles*.—None.

*Stipules*.—Length: 13–15 mm; serrated.

*Disease resistance*.—Resistant to mildew and rust and susceptible to blackspot under normal growing conditions.

*Pest resistance*.—Not observed.

*Vein color*.—Yellow-Green Group 146C.

*Venation pattern*.—Reticulate.

Wood:

*New wood*.—Color: Greyed-Red Group 178B. Bark: Smooth.

*Old wood*.—Color: Yellow-Green Group 146A. Bark: Smooth.

Prickles:

*Quantity*.—On main canes from base: 12–15 per 15 cm of cane. On laterals from main canes: 12–15 per 15 cm of cane.

*Form*.—Hooked slightly downward.

*Length*.—8–10 mm.

*Color when young*.—Greyed-Red Group 178A.

*Color when mature*.—Greyed-Yellow Group 160A.

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Small prickles:

*Quantity*.—On main stalks: None. On laterals: None.  
Winter hardiness: Hardy to Zone 5.

I claim:

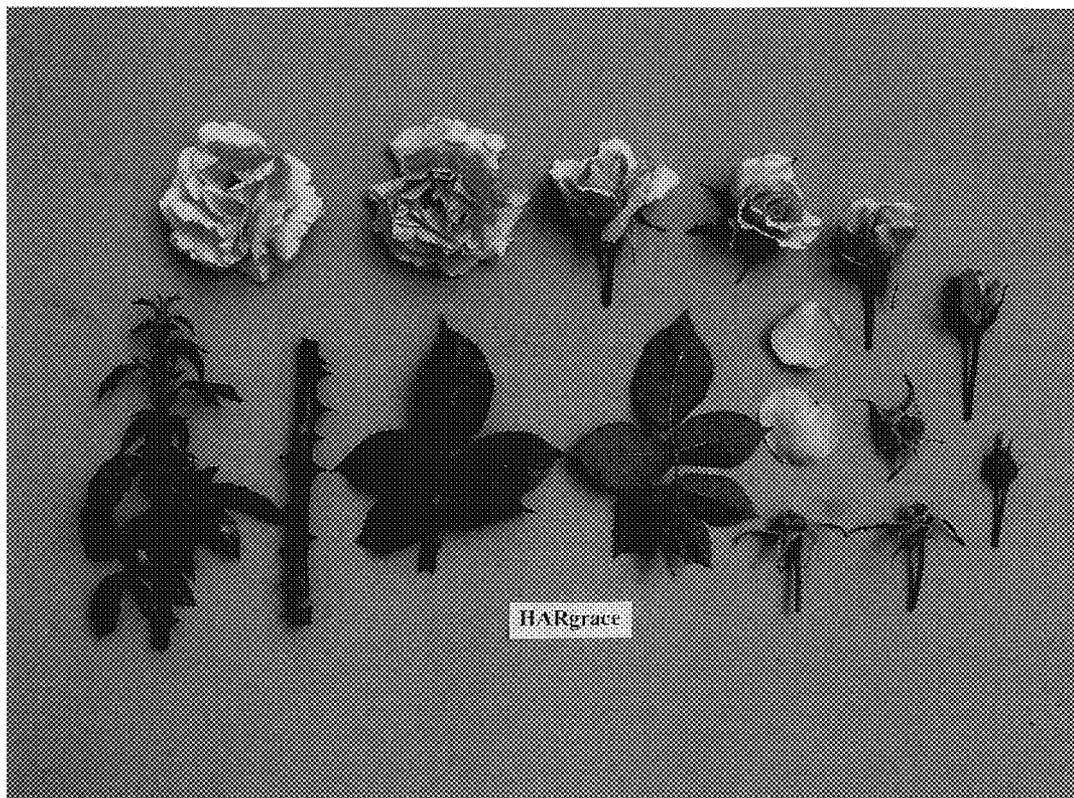
1. A new and distinct variety of rose plant of the floribunda class, substantially as herein shown and described,

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characterized particularly by its excellent flower form; high production of orange flowers; and dark, glossy foliage having good resistance to mildew and rusts.

\* \* \* \* \*

Fig. 1



UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : PP 18,558 P2  
APPLICATION NO. : 11/586027  
DATED : March 4, 2008  
INVENTOR(S) : Harkness

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Specification:

Column 2, line 8, “Hargrace” should read -- ‘HARgrace’ --

Column 2, line 14, “Hargrace” should read -- ‘HARgrace’ --

Column 3, line 27, “8 10 mm.” should read -- 8-10 mm. --

Column 4, line 10, “60 80” should read -- 60-80 --

Column 4, line 10, “9 13” should read -- 9-13 --

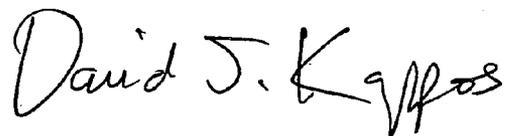
Column 4, line 14, “8 12 mm” should read -- 8-12 mm --

Column 4, line 16, “40 60” should read -- 40-60 --

Column 4, line 16, “6 8” should read -- 6-8 --

Signed and Sealed this

Twentieth Day of April, 2010



David J. Kappos  
*Director of the United States Patent and Trademark Office*