



US00PP16175P3

(12) **United States Plant Patent**
Little et al.

(10) **Patent No.:** **US PP16,175 P3**
(45) **Date of Patent:** **Dec. 27, 2005**

(54) **PEACH TREE NAMED 'JANET'**

(52) **U.S. Cl.** **Plt./197**

(50) Latin Name: *Prunus persica*
Varietal Denomination: **Janet**

(58) **Field of Search** **Plt./197**

(76) Inventors: **Gary W. Little**, 1215 Block Rd.,
Gridley, CA (US) 95948; **Janet D.**
Little, 1215 Block Rd., Gridley, CA
(US) 95948

Primary Examiner—Anne Marie Grunberg

Assistant Examiner—June Hwu

(74) *Attorney, Agent, or Firm*—Richard A. Ryan

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

(57) **ABSTRACT**

A new and distinct variety of peach tree which is somewhat
similar to Bowen peach tree (unpatented) from which it is a
chance seedling but from which it is distinguished by
producing an early ripening fruit which are mature 22 to 24
days before Bowen and seven days before 'Loadel' with
good exterior color and uniform flesh color which is mature
for commercial harvesting and shipment approximately July
8 to 10 in a normal year.

(21) Appl. No.: **10/828,689**

(22) Filed: **Apr. 21, 2004**

(65) **Prior Publication Data**

US 2005/0241038 P1 Oct. 27, 2005

(51) **Int. Cl.**⁷ **A01H 5/00**

1 Drawing Sheet

1

CROSS-REFERENCE TO RELATED APPLICATIONS

None.

Variety denomination: Variety of *Prunus persica*, denomi-
nated as 'Janet'.

BACKGROUND OF THE INVENTION

1. Field of the Invention

The present invention refers to a new and distinct variety
of peach tree which will hereinafter be denominated as the
'Janet' peach tree which produces clingstone fruit which are
mature for commercial harvesting and shipment approxi-
mately July 8 to 10 in a normal growing year in the
Sacramento Valley of Northern California as an early peach
clingstone fruit for processing with a red blush coloration
which matures approximately seven days before the
'Loadel' (un-patented) clingstone peach.

2. Background

In the development of new commercial varieties of fruit,
specific characteristics places a premium on early or late
maturing, in the growing. However, many other varieties
have small size, lack of flavor, or coloration. In some
instances there are other undesirable characteristics that
decrease the commercial success, such as lack of color, size,
good flavor and good color. At the same time it must have
a different maturity date than that of similar fruit. This new
invention meets all of the aforementioned criteria and there-
fore is of commercial appeal to the processor.

BRIEF SUMMARY OF THE INVENTION

The 'Janet' is characterized by producing large clingstone
fruit with good yellow color and red blush coloration and is
ripe for commercial harvesting and shipment July 8 to 10 in
the Sacramento Valley of Northern California. The new
variety is most similar to the 'Loadel' peach tree (un-
patented) and the Bowen peach tree (un-patented) from

2

which it is a chance seedling, and from which it is distin-
guishable in that it ripens approximately 7 days before
'Loadel' and 22 to 24 days before 'Bowen' peach trees and
that the fruit is slightly larger in size than the aforementioned
varieties. The fruit of this new variety possesses good
firmness, color as well as flavor which is greatly acceptable
for an early ripening clingstone peach.

ORIGIN AND ASEXUAL REPRODUCTION OF THE NEW VARIETY

The present variety of peach tree was discovered by the
inventors in their peach orchard located at the southwest
intersection of Pennington Road and Billings Road, 2 miles
outside of Live Oak, Calif. in Sutter County. The inventors
discovered this seedling in a commercial planting at
'Bowen' (unpatented) clingstone peach trees in the early
1990s. The new variety was first asexually reproduced by
the inventors in 1993 by budgrafting on 'Lovell' peach
rootstock (unpatented) at a location approximately two miles
southwest of Gridley, Calif. on Block Road. The asexually
reproduced trees first bore fruit of the new variety in July
1995. The inventor carefully compared the asexually repro-
duced tree with the mother seedling including the fruit
thereof and is in all respect identical, stable and reproduces
to type in successive generations of asexual reproduction.

BRIEF DESCRIPTION OF THE DRAWING

The accompanying drawing is a color photograph show-
ing fruit and foliage of the new variety. The fruit on the
bottom right displays a fruit cut in half with the pit in place
while the half on the left shows the pitwell. The next row
upward shows the suture as wells as the stem end on the stem
end on the left displays a side view with the cheek surface.
The fruit on the next row upward displays the apical end of
the fruit. The top of the photograph shows the foliage typical
of this new variety.

DETAILED DESCRIPTION

Referring more specifically to the pomological description of this new and distinct variety of peach tree, the following has been observed for a tree approximately ten years old, under the ecological conditions prevailing in the orchard, located near Gridley, Calif. in the Sacramento Valley of Northern California. All major color designations are by reference to the Dictionary of Color by Maerz & Paul, First Edition, 1930. Common color names are occasionally employed.

Tree:

Size.—Large — Approximately 15 feet high and 15 feet in width.

Vigor.—Vigorous.

Figure (form).—Upright and spreading with open vase system of training.

Production.—Very good — 24 ton/acre.

Regularity of bearing.—Regular every year.

Trunk:

Size.—At 18 inches above the ground, circumference is 22 inches.

Surface texture.—Moderately rough.

Color.—PI. 15 A8 (Winter Leaf, Cashew Nut, Beach Tan Sedge).

Lenticels.—Approximately 22 small lenticels per square inch — oval shape — 6.35 mm to 7.94 mm (0.25 inch to 0.3125 inch). Color Code — PI.7 E10 (Chestnut Brown).

Bark color.—PI.6 A9 (Maren).

Branches:

Size.—14 inches in circumference at 42 inches above ground.

General.—Four scaffold branches with 54° angle.

Surface texture.—Slightly rough.

Color.—Mature branches — PI.7 E10 (Chestnut Brown).

Color.—Immature branches — PI.17 L7 (Viridine y).

Leaves:

Size.—Medium to large.

Length.—150 to 155 mm (5.51 to 6.50 inches).

Width.—33 to 38 mm (1.30–1.50 inches).

Thickness.—Normal for peach.

Shape.—Base Shape — Lanceolate, leaf tip acuminate, texture smooth.

Color.—Upwardly disposed surface — PI.23 L6 (Cypress Green and Forest Green), Downwardly disposed surface — PI.22 H7 (Garland Green).

Marginal form.—Crenate.

Leaf vein.—Color PI.20 K5 (Verdant Green). Thickness — 1 mm (0.04 inch).

Glandular characteristics.—Reniform alternate at base of leaf. Color code — PI. 24 L7 (Near Mt. Vernon Green).

Number of glands.—Usually 2 to 3 on each side of petiole of leaf base.

Petiole.—Size — Medium. Length — 8 to 11 mm (0.31–0.43 inch). Diameter — 1 to ½ mm (0.059 inch). Color Code — PI.20 A7 (Fairy Green).

Stipules.—Very small, 1 mm or less — reddish brown — PI.7 E6 Canyon.

Flowers:

Flower buds.—Hardy under Sacramento Valley climatic conditions. Size — Length — 7 to 11 mm (0.28 to 0.43 inch). Width — 25 mm (0.98 inch). Shape — Generally conic. Color code — PI.3 F3

(Bridal Rose, Light Pink) and pubescent. Calyx — 5 sepals — Color — PI.6 L8 (Dark Cardinal Rose) toward the base and PI.7 L7 (Maroon).

Generally.—Showy, abundant.

Color.—PI.3 F3 (Bridal Rose).

Date of bloom.—35 to 40% by March 11 and 100% by March 18.

Size.—Average diameter 2.5 mm (0.98 inch).

Petals.—Five in number. Length 10 mm (0.39 inch), width 9 to 10 mm (0.35 to 0.39 inch) with slightly notched margins.

Form.—Broadly ovate.

Margins.—Moderately undulated with somewhat rounded edges.

Color.—Margins PI. 3 I3 (Weigel).

Petal claws.—Broadly truncate — width 1 to 2 mm (0.037 to 0.038 inch).

Flower pedicel.—Very short, 2 mm (0.079 inch), Color PI.19 K6 (Seagreen). Anthers — small — Color PI.7 J5 (Tapestry Red). Stamens — Approximately 40, Length 10 to 13 mm (0.39 to 0.51 inch). Color when first open — PI.4 J3 (Azalea), then change to PI.2 A1 (White).

Filament.—Color PI.5 J7 (Harvard Crimson Jockey).

Pistil.—Length 12 mm (0.47 inch). Number — 1. Color PI.17 C2 (Seaform y). Surface — Slightly pubescent.

Pollen.—Color — 9 K 6 (Yellow).

Fruit:

Date of maturity.—July 8 to 9.

Size.—Diameter Axial Plane — 80 mm (3.15 inches). Transverse in Suture Plane — 70 to 75 mm (2.26 to 2.95 inches). Transverse in Right Angles to suture Plane — 75 mm (2.85 inches).

Weight.—Average — 5.9 oz.

Form.—Nearly uniform. Symmetrical — slightly asymmetrical.

Suture.—Shallow.

Ventral surface.—Slightly uneven.

Stem cavity.—Length — 28 to 35 mm (1.1 to 1.38 inches). Width — Average 15 mm (0.59 inch). Depth — 16 mm (0.63 inch).

Shape.—Ovate.

Base shape.—Medium wide and rounded.

Stem.—Short — 8 mm (0.31 inch) to 4 mm (0.16 inch).

Apex.—Pointed and prominent.

Skin.—Thickness normal for clingstone peach-fruit.

Skin texture.—Firm — Smooth.

Tendency to split.—None observed.

Color code.—Blush — PI.6 L6 (Chianti Antique Ruby), PI.9 K6 (Forsythia). Flesh Color — PI.9 L8 (Cadmium y).

Surface of pit cavity.—PI.12 L9 (Yucatan Cathay-Mexican+French y).

Color of pit cavity wall.—PI.12 L9 (Yucatan Cathay-Mexican+French y).

Juice production.—Moderate.

Flesh fibers.—None.

Flesh aroma.—Slight, pleasant.

Flavor.—Very good.

Texture.—Firm.

Ripening.—Even.

Processing quality.—Very good.

Stone:

Attachment.—Clingstone.

Fibers.—Few and thick.

Size.—Length 35 mm (1.38 inch), width 25 mm (0.98 inch) and thickness 20 mm (0.79 inch).

Form.—Oval.

Apex.—Slightly rounded.

Color code.—(When dry) PI.12 L 12 (Punjab).

Base.—Rounded with flattened center.

Sides.—Slightly unequal.

Ridges.—On both sides with narrow ridge on ventral side.

Tendency to split.—None observed.

Use: Canning — For processing as canned peaches.

Shipping quality: Good — due to firm nature of fruit, it will ship and handle very well at time of harvesting and refrigeration of fruit.

Plant/fruit disease and pest resistance/susceptibility: None observed.

Keeping quality: Good shelf life. Kept at room temperature for 3 to 5 days. Has kept in cold storage for up to 2 weeks.

Like most peach trees in California, the new variety has winter hardiness and is not susceptible to damage during the

dormant. There is no evidence of any particular susceptibility of the tree or fruit to heat.

Although the new variety of peach tree possesses the described characteristics noted above based on the growing conditions prevailing near Gridley, Calif. in the Sacramento Valley of Northern California, it is to be understood that variations in the usual magnitude and characteristics incident to changes in growing conditions, irrigation, fertilization, pruning, pest control, climatic variation and the like are to be expected. It should also be realized by those skilled in the art that such equivalent constructions do not depart from the spirit and scope of the invention as set forth in the appended claim.

Having thus described and illustrated the new variety of peach tree, what is claimed is:

1. A new and distinct variety of peach tree substantially as illustrated and described herein.

* * * * *

