



US00PP24529P3

(12) **United States Plant Patent**  
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(10) **Patent No.:** **US PP24,529 P3**  
(45) **Date of Patent:** **Jun. 10, 2014**

(54) **VARIETY OF CHERRY TREE NAMED**  
**‘ARAMAT’**

(50) Latin Name: *Prunus avium*  
Varietal Denomination: **Aramat**

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(\*) Notice: Subject to any disclaimer, the term of this  
patent is extended or adjusted under 35  
U.S.C. 154(b) by 107 days.

(21) Appl. No.: **13/135,803**

(22) Filed: **Jul. 14, 2011**

(65) **Prior Publication Data**

US 2013/0019354 P1 Jan. 17, 2013

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

(52) **U.S. Cl.**  
USPC ..... **Plt./181**

(58) **Field of Classification Search**  
USPC ..... Plt./181  
See application file for complete search history.

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(57) **ABSTRACT**

A new and distinct cherry tree that produces sweet cherry  
fruits in high quantities.

**3 Drawing Sheets**

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Botanical classification: *Prunus avium*.  
Varietal denomination: ‘Aramat’.

**BACKGROUND OF THE INVENTION**

The present invention comprises a new and distinct cultivar  
of *Prunus avium* known by the varietal name ‘Aramat’. The  
new variety was discovered in Holovousy, the Czech Repub-  
lic in 1994. The new variety is the result of planned breeding  
between ‘Krupnoplodnaja’ (*Prunus avium*) (female parent,  
unpatented) and ‘Van’ (*Prunus avium*) (male parent, unpat-  
ented). The new variety is similar to its parental varieties in  
fruit skin color, fruit firmness, and flesh color. The new vari-  
ety differs from its parental varieties in fruit quality, fruit  
shape, and fruit pedicel length. When compared to unpatented  
variety ‘Kordia’ (*Prunus avium*), the new variety is similar in  
fruit time of ripening and flesh firmness, but differs in fruit  
size and shape, as well as susceptibility to cracking. The  
purpose of breeding the new variety was to provide cherries  
with improved fruit quality. The new variety was first asexu-  
ally reproduced via grafting. The new variety has been trial  
and field tested and has been found to retain its distinctive  
characteristics and remain true to type through successive  
propagations. The following characteristics distinguish the  
new variety from other varieties known to the breeder:

1. Fruit size;
2. Flesh firmness; and
3. Sweet tasting fruits.

**DESCRIPTION OF THE DRAWINGS**

The accompanying photographic drawings illustrate the  
new variety, with the color being as nearly true as is possible  
with color illustrations of this type:

FIG. 1 is a close-up photograph of the fruit of ‘Aramat’;

FIG. 2 is a photograph of an entire tree of the new variety;  
and

FIG. 3 is a photograph showing measurements of the fruit  
of ‘Aramat.’

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**DETAILED BOTANICAL DESCRIPTION**

The following detailed description sets forth the character-  
istics of the new Cultivar. The data which defines these char-  
acteristics were collected by asexual reproductions via graft-  
ing carried out in Holovousy, the Czech Republic. The new  
variety was grown in an orchard under standard growing  
conditions outdoors in the Czech Republic. The color read-  
ings were taken in natural daylight, and the plant was 6 years  
old when described. Color references are primarily to The  
1995 R.H.S. Colour Chart of The Royal Horticultural Society  
of London.

Tree

Height: 3.0 m.

Spread: 4.5-6.0 m.

Vigor: Medium.

15 Density: Medium.

Form: Spreading.

Bearing: High.

Growth type: Average; similar to ‘Bing’, ‘Van’ and ‘Rainier’  
cherry trees.

20 Rootstock compatibility: Good with cherry rootstocks ‘Colt’  
and ‘Gisela 5’.

Trunk:

*Diameter*.—88 mm.

*Bark color*.—200A.

*Surface texture*.—Rough.

25 *Lenticels*.—Length: 10.0-15.0 mm. Width: 1.0-2.0 mm.

Color: 175D. Density: High.

Branches:

*Diameter*.—At 2 years: 15.8 mm. At 3 years: 17.5 mm.

At 4 years: 23.0 mm. At 5 years: 30.0 mm.

30 *Surface texture*.—Smooth.

*Color*.—200B.

*Form*.—Slightly drooping.

*Average angle*.—60°.

*Bud arrangement*.—3 to 5 per side, in clusters.

35 *Lenticels*.—Length: 2.0 mm. on 2 year old trees. Shape:

Long and elliptical. Diameter: Approximately 0.5  
mm on average. Color: 175D. Density: Intermediate  
to high; approximately 5 per 1.0 cm<sup>2</sup>. Shape: Small  
and rounded early in growth; on older bark, the len-  
ticels are elongated and numerous.

Leaves:

*Length*.—110.5 mm.  
*Width*.—52.0 mm.  
*Form*.—Oval.  
*Texture*.—Smooth.  
*Thickness*.—Intermediate.  
*Base*.—Long and cuneate.  
*Apex*.—Long and pointed.  
*Margin*.—Serrate and obtuse.  
*Pubescence*.—Upper surface: None. Lower surface: 10  
None.  
*Color*.—Upper surface: 135C. Lower surface: 136C.  
*Petiole*.—Length: 40.0 mm. Diameter: 1.5 mm. Color:  
Light red color (approximately 182D) present at the  
base of the petiole. 15  
*Vein color*.—59B.

Flower buds:

*Pedice*l.—Length: 1.5 mm. Diameter: 6.8 mm. Color:  
200A.  
*Bud*.—Length: 15.0 mm. Width: 3.2 mm. Color: 166A. 20  
Apex: Pointed. Margin: Rounded.

Flowers:

*Average diameter*.—22.0 mm.  
*Blooming timing*.—Medium early to early; average date  
of first bloom is April 12th.  
*Blooming period*.—6-14 days.  
*Number of flowers per raceme*.—3-5.  
*Fragrance*.—None present.  
*Petals*.—Number: 5. Length: 16.0 mm. Width: 15.0 mm.  
Shape: Oblong. Margin: Entire. Apex: Rounded. 30  
Base: Cuneate.  
*Color*.—Upper surface: 155B. Lower surface: 155B.  
*Sepals*.—Average number: 5. Shape: Elongated and  
tapered. Length: 7.0 mm. Diameter: 3.0 mm. Apex:

Acute. Margin: Entire. Color: Inner surface: 138A.  
Outer surface: 138A with 60A at edge.

*Pollen*.—Color: 17A. Amount (generally): Plentiful.

*Reproductive organs*.—Anther superior to pistal with 26  
anthers on average.

Fruit (described at full maturity):

*Picking*.—Average time is medium to late season in  
Holovousy, the Czech Republic; around the 5th and  
6th cherry week.

*Size*.—Weight: 10 grams. Diameter: 30.2 mm. Length:  
26.2 mm.

*Shape*.—Apex: Rounded. Base: Truncate.

*Skin*.—Thickness: Medium. Texture: Intermediately  
fibrous. Tendency to crack: Intermediate. Color: 46A.

*Flesh*.—Aroma: Strong. Color: 47D. Texture: Interme-  
diately fibrous and firm. Eating quality: Excellent and  
sweet taste.

*Seeds*.—Number per fruit: 1. Length: 11.2 mm. Breadth:  
10.6 mm. Form: Spherical. Color: 159A.

*Stem*.—Color: 138B. Length: 40.0-42.0 mm. Width: 1.2  
mm. Stem cavity: Depth: Average of 2.0 mm. Diam-  
eter: Average of 10.0 mm. Yield: Heavy, similar to  
'Rainier'.

Keeping quality: Good.

Shipping quality: Good.

Tree winter hardiness: Medium.

Bud winter hardiness: Good.

Drought tolerance: Good.

Disease/pest resistance or susceptibility: Nothing unusual  
observed.

I claim:

1. A new and distinct variety of cherry tree, as is herein  
illustrated and described.

\* \* \* \* \*





Fig. 1





Fig. 2



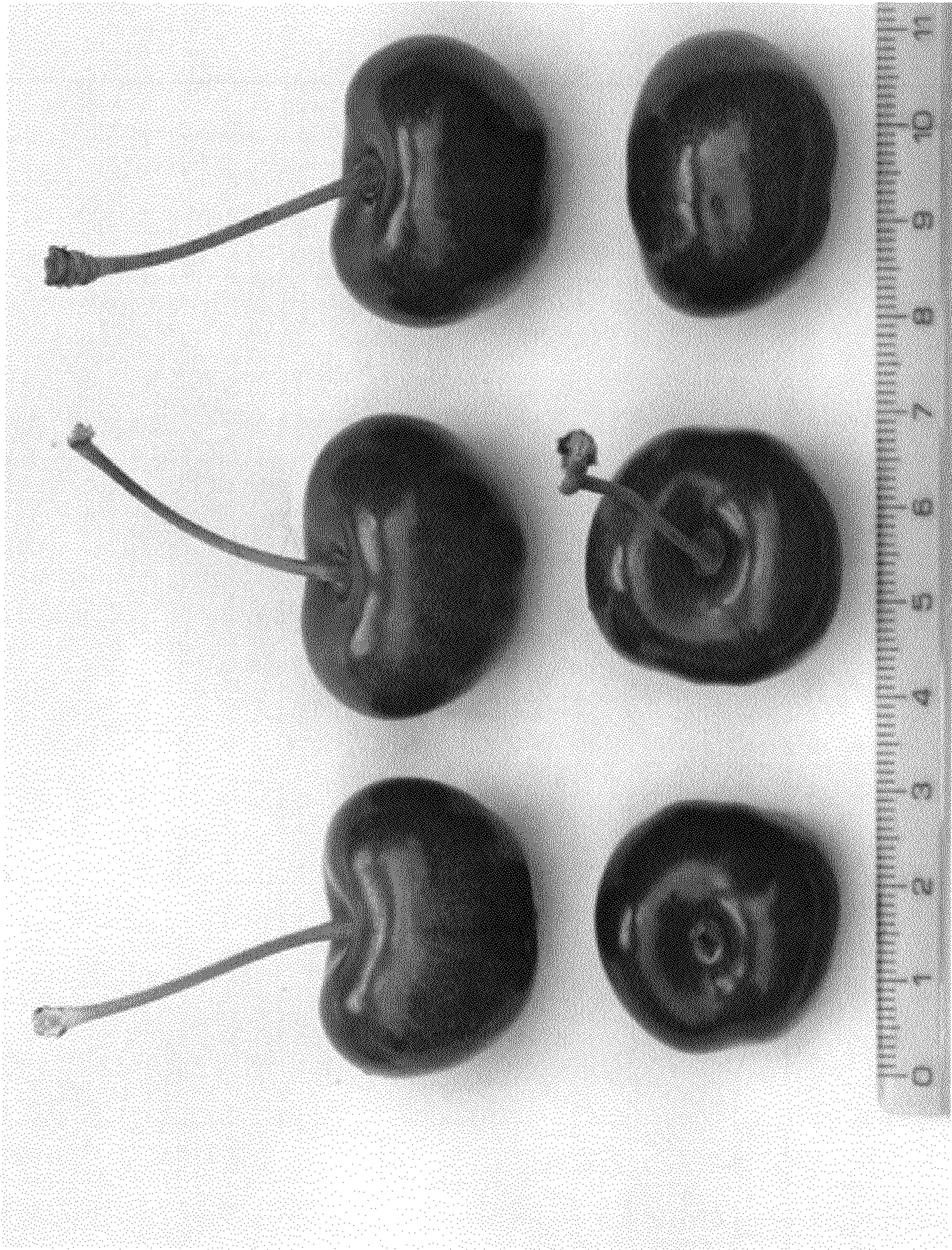


Fig. 3