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**The Director of the United States  
Patent and Trademark Office**

*Has received an application for a patent for a distinct and new variety of asexually reproduced plant. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the plant shall be granted under the law.*

*Therefore, this*

**United States Patent**

*Grants to the person(s) having title to this patent the right to exclude others from asexually reproducing the plant, and from using, offering for sale, or selling the plant so reproduced, or any of its parts, throughout the United States of America or from importing the asexually reproduced plant, or any parts thereof, into the United States of America for the term set forth in 35 U.S.C. 154(a)(2) or (c)(1).*

*Michelle K. Lee*

*Deputy Director of the United States Patent and Trademark Office*

## MAINTENANCE FEE NOTICE

*No maintenance fees are required in plant patents.*

## PATENT TERM NOTICE

*If the application for this patent was filed on or after June 8, 1995, the term of this patent begins on the date on which this patent issues and ends twenty years from the filing date of the application or, if the application contains a specific reference to an earlier filed application or applications under 35 U.S.C. 120, 121, or 365(c), twenty years from the filing date of the earliest such application ("the twenty-year term"), subject to the payment of maintenance fees as provided by 35 U.S.C. 41(b), and any extension as provided by 35 U.S.C. 154(b) or 156 or any disclaimer under 35 U.S.C. 253.*

*If this application was filed prior to June 8, 1995, the term of this patent begins on the date on which this patent issues and ends on the later of seventeen years from the date of the grant of this patent or the twenty-year term set forth above for patents resulting from applications filed on or after June 8, 1995, subject to the payment of maintenance fees as provided by 35 U.S.C. 41(b) and any extension as provided by 35 U.S.C. 156 or any disclaimer under 35 U.S.C. 253.*



US00PP24529P3

**(12) United States Plant Patent**  
**Blazkova****(10) Patent No.: US PP24,529 P3**  
**(45) Date of Patent: Jun. 10, 2014****(54) VARIETY OF CHERRY TREE NAMED**  
**'ARAMAT'****(65) Prior Publication Data**

US 2013/0019354 P1 Jan. 17, 2013

**(50) Latin Name: *Prunus avium***  
Varietal Denomination: **Aramat****(51) Int. Cl.**  
**A01H 5/00** (2006.01)**(75) Inventor: Jitka Blazkova, Horice (CZ)****(52) U.S. Cl.**  
USPC ..... **Plt./181****(73) Assignee: Research and Breeding Institute of**  
**Pomology Holovousy, Ltd., Horice (CZ)****(58) Field of Classification Search**  
USPC ..... **Plt./181**  
See application file for complete search history.**(\*) Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 107 days.**Primary Examiner** — Kent L Bell**(74) Attorney, Agent, or Firm** — The Webb Law Firm**(21) Appl. No.: 13/135,803****(57) ABSTRACT**

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

**(22) Filed: Jul. 14, 2011****3 Drawing Sheets****1****2**Botanical classification: *Prunus avium*.  
Varietal denomination: 'Aramat'.**DETAILED BOTANICAL DESCRIPTION****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 Republic in 1994. The new variety is the result of planned breeding between 'Krupnoplodnaja' (*Prunus avium*) (female parent, unpatented) and 'Van' (*Prunus avium*) (male parent, unpatented). The new variety is similar to its parental varieties in fruit skin color, fruit firmness, and flesh color. The new variety 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 asexually 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.'

The following detailed description sets forth the characteristics of the new Cultivar. The data which defines these characteristics were collected by asexual reproductions via grafting 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 readings 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.  
Density: Medium.  
Form: Spreading.  
Bearing: High.  
Growth type: Average; similar to 'Bing', 'Van' and 'Rainier' cherry trees.

Rootstock compatibility: Good with cherry rootstocks 'Colt' and 'Gisela 5'.

Trunk:

Diameter.—88 mm.  
Bark color.—200A.  
Surface texture.—Rough.  
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.

Surface texture.—Smooth.

Color.—200B.

Form.—Slightly drooping.

Average angle.—60°.

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

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 lenticels 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: 15  
Light red color (approximately 182D) present at the  
base of the petiole.*Vein color.*—59B.

## Flower buds:

*Pedicel.*—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 25  
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. 30Shape: Oblong. Margin: Entire. Apex: Rounded.  
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.

## 5 Fruit (described at full maturity):

*Picking.*—Average time is medium to late season in  
Holovously, 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