

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

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(54) CHERRY TREE NAMED "HL 13822"

(22) Filed: Sep. 29, 2018

(50) Latin Name: *Prunus avium* L.
Varietal Denomination: HE 13822

(51) Int. Cl.
A01H 5/08 (2018.01)
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patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

(57) **ABSTRACT**
A new and distinct variety of cherry tree that produces large
fruit with resistance to skin cracking.

(21) Appl. No.: 16/350,126

3 Drawing Sheets

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Botanical classification: *Prunus avium* L.
Varietal denomination: 'HL 13822'.

FIG. 2 is another close-up photograph of the fruit of 'HL
13822' (at approximately 11 years of age); and

FIG. 3. is a photograph of an entire tree of the new variety (at
approximately 6 years of age).

BACKGROUND OF THE INVENTION

DETAILED BOTANICAL DESCRIPTION

The present invention comprises a new and distinct variety of
sweet cherry tree, botanically known as *Prunus avium* L., and
referred to by the varietal name 'HL 13822'. The new variety was
discovered in Holovousy, the Czech Republic as the result of
planned breeding between cherry tree varieties 'Kordia' (female
parent, unpatented) and 'Merton Reward' (male parent,
unpatented). The new variety was first asexually reproduced via
grafting in Holovousy, the Czech Republic. The new variety is
similar to 'Kordia' in fruit skin and flesh color, as well as fruit
firmness, but differs from 'Kordia' in harvest time, fruit quality,
and fruit pedicel length. The new variety is similar to 'Merton
Reward' in fruit shape, but differs from 'Merton Reward' in
harvest time, fruit quality, fruit pedicel length and skin color.
When compared to unpatented cherry tree variety 'Regina', the
new variety is similar in harvest time and fruit skin and flesh
color, but exhibits a larger fruit size, slightly more susceptibility
to fruit cracking, and slightly less fruit firmness. The following
characteristics distinguish the new variety from other varieties
known to the breeder:

The following detailed description sets forth the charac-
teristics of the new variety. 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 outside in a non-irrigated orchard that was fertilized once per
year and treated with 30 kilograms of nitrogen per hectare. The color
readings were taken outside in natural daylight, and the variety was
approximately 9 years old when described except where indicated
otherwise. Color references are primarily to the 2007 R.H.S. Colour
Chart of The Royal Horticultural Society of London. 5th Edition.

1. Fruit size;
2. Late flowering time; and
3. Resistance to fruit cracking.

The new variety has been trial and field tested and has been
found to retain its distinctive characteristics and remains true to
type through successive propagations.

TREE
Height: 3.0 m.
Spread: 2.5 m.
Form: Spreading
Vigor: High.
Branching: Medium to high. Bearing: 10 kg fruit yield per
plant.
Trunk:
Diameter.—13.5 cm at 0.5 m above the soil line. *Bark*
color.—191C.
Surface texture.—Medium smoothness. *Lenticel color.*—
169D.
Branches:
Number.—16.
Diameter.—Medium; 5.0 mm on a one-year old shoot.
Surface texture.—Smooth.
Color.—Generally 175C with greenish-brown coloration
on the underside with silver coloration present.
Form.—Slightly drooping.

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 'HL 13822' (at
approximately 11 years of age);