

C. W. BRIDGEMAN.
CHERRY PITTER.
APPLICATION FILED SEPT. 2, 1909.

959,450.

Patented May 31, 1910.

Fig. 1.

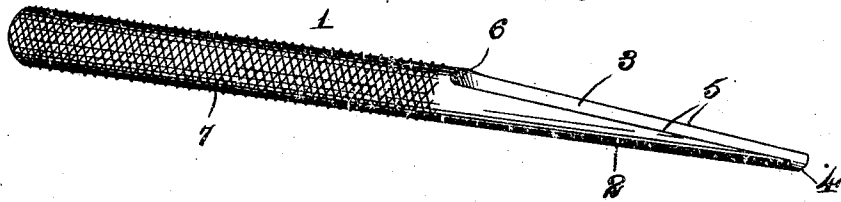


Fig. 2.

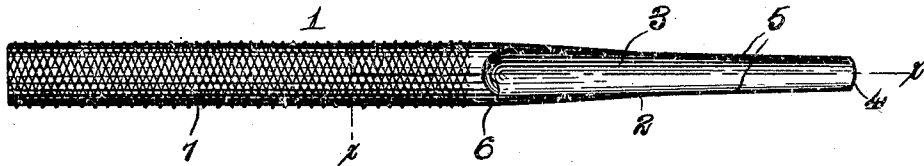


Fig. 3.

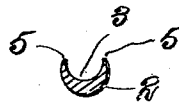
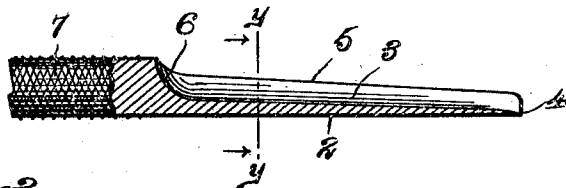


Fig. 4.

Witnesses:

A. A. Olson
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by *Joshua R. Stone*
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UNITED STATES PATENT OFFICE.

CATHERINE W. BRIDGEMAN, OF CHICAGO, ILLINOIS.

CHERRY-PITTER.

959,450.

Specification of Letters Patent.

Patented May 31, 1910.

Application filed September 2, 1909. Serial No. 515,860.

To all whom it may concern:

Be it known that I, CATHERINE W. BRIDGEMAN, a citizen of the United States, residing at Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Cherry-Pitters, of which the following is a specification.

My invention relates to fruit pitters and more specifically to a device particularly designed for use in removing cherry pits.

The object of my invention is the provision of a device of the character mentioned with the aid of which the pit of a cherry may easily and quickly be removed without necessitating any of the pulp of the cherry being carried with it and thereby wasted; and further, a device by the employment of which the pit may be removed with the least possible rupture to the cherry pulp.

A still further object is to provide a pitter as mentioned which will be strong and durable, and which will be extremely simple of construction, hence of low cost to manufacture.

Other objects will appear hereinafter.

With these objects in view my invention consists in a device characterized as above mentioned and in certain details of construction which will be hereinafter fully described and particularly pointed out in the appended claims.

My invention will be more readily understood by reference to the accompanying drawings forming a part of this specification, and in which,

Figure 1 is a perspective view of my device in its preferred form, Fig. 2 is a top plan view thereof, Fig. 3 is a central longitudinal section taken on the line $x-x$ of Fig. 2, and Fig. 4 is a transverse section taken on the line $y-y$ of Fig. 3.

Referring now to the drawings the device shown therein consists simply in a body 1 formed of a single piece of suitable material preferably metal, the same being elongate and cylindrical in general form and of any suitable dimensions. The forward end portion 2 of the member 1 is preferably formed slightly tapering in construction and is provided in one side with an elongate forwardly tapering groove 3 substantially semi-circular in cross section, the same being of a width at its forward extremity such as to adapt the same to snugly receive a cherry pit of ordinary diameter. The forward extremity 4 of

the member 1 is disposed substantially perpendicularly to the axis of said member, the same being preferably sharpened, but not necessarily to such a degree as to form a knife edge, the longitudinal edges 5 of the groove 3 being preferably left blunt. The bottom of the groove 3 terminates at its rearward extremity in an inclined portion 6, for reasons which will be hereinafter described. In order to prevent slipping or rotating of the device in the hand when using, the rearward or handle-forming portion 7 of the member 1 is preferably knurled or otherwise roughened as shown. However, such provision is not essential and may or may not be incorporated in the device, as desired.

The manipulation of the device in the removal of a cherry pit is as follows: The device is gripped in the hand with the groove 3 at the upper side thereof and with the forward or grooved end thereof positioned adjacent the thumb. The forward extremity 4 is then inserted centrally into the cherry, the latter being held in the fingers of the other hand, in such a manner and to such an extent as to embrace the pit of the fruit in the forward end of the groove 3. Now, by imparting a prying movement to the device, the pit may be readily dislodged and removed from the cherry, it being deposited in the forward end of the groove 3. Each succeeding pit removed will force those already contained in the groove 3 rearwardly in the latter, the same traveling down said groove until reaching the inclined surface 6, whereupon, one by one the same will be deflected by said surface and will thereby evidently be forced from the device. Hence, it is clear the pits removed will in no way hinder the process of removing succeeding pits. By forming the groove 3 of a tapering construction as shown and stated, all possibility of clogging of pits in the groove 3 is obviated.

While I have shown what I deem to be the preferable form of my device, I do not wish to be limited thereto as there might be various changes made in the details of construction without departing from the spirit of the invention comprehended within the scope of the appended claims. And although I have designed my device with special reference to the pitting of cherries I may use the same for any other purpose to which it is applicable.

Having described my invention what I claim as new and desire to secure by Letters Patent is:

1. A device of the class described comprising a substantially cylindrical body portion constituting a handle and a longitudinally grooved extension of said handle, the said groove being forwardly tapering in form and terminating at the rear in an upwardly extending discharging surface, substantially as described.

2. A device of the class described, comprising a substantially cylindrical knurled body portion constituting a handle and a

longitudinally grooved extension of said handle, the said groove being forwardly tapering in form and terminating at the rear in an upwardly extending discharging surface, and the said extension being sharpened at its end but blunt on the sides, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CATHERINE W. BRIDGEMAN.

Witnesses:

HELEN F. LILLIS,

JOSHUA R. H. POTTS.