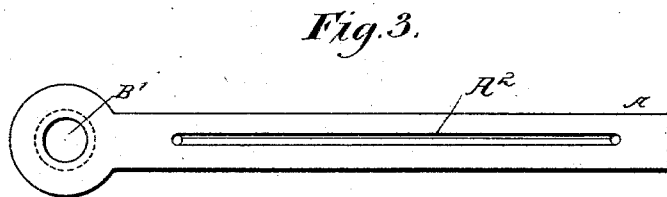
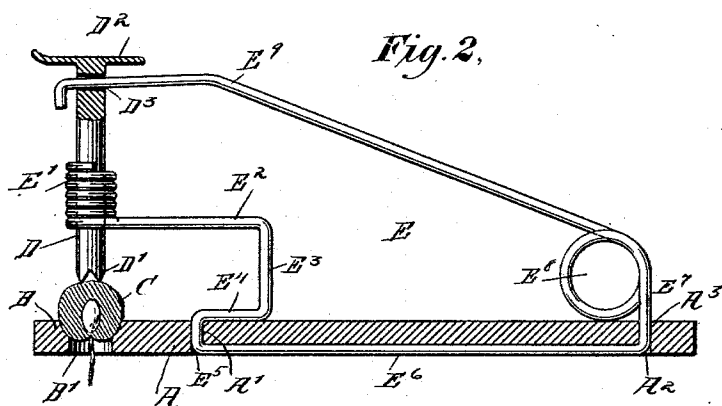
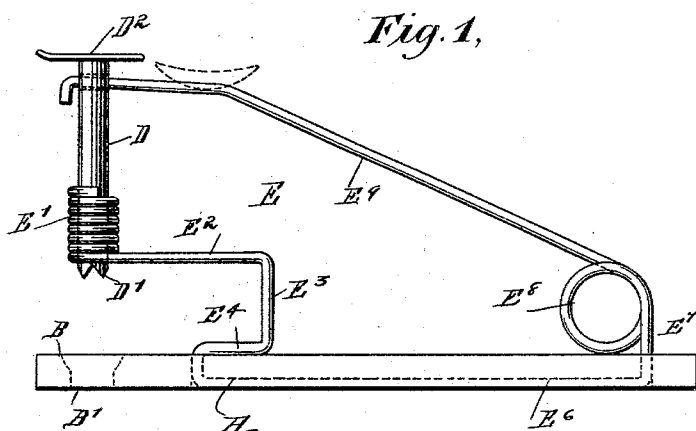


(No Model.)

E. ZEITFUCHS.
CHERRY STONER.

No. 551,246.

Patented Dec. 10, 1895.



WITNESSES:

Edward Thorpe
Geo. Foster

INVENTOR

E. Zeitfuchs

BY

Munn & Co

ATTORNEYS.

UNITED STATES PATENT OFFICE.

EMIL ZEITFUCHS, OF PORTLAND, OREGON.

CHERRY-STONER.

SPECIFICATION forming part of Letters Patent No. 551,246, dated December 10, 1895.

Application filed May 9, 1895. Serial No. 548,741. (No model.)

To all whom it may concern:

Be it known that I, EMIL ZEITFUCHS, of Portland, in the county of Multnomah and State of Oregon, have invented a new and Improved Cherry-Stoner, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved cherry-stoner which is simple and durable in construction, very effective in operation, and arranged to remove the pit from the fruit without mashing or otherwise seriously injuring the flesh of the fruit.

The invention consists principally of a base formed with a seat for the fruit, a spring-wire attached to the said base and forming a guide and a spring, and a plunger fitted to slide in the said guide and pressed on by the said spring.

The invention also consists of certain parts and details and combinations of the same, as will be fully described hereinafter and then pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a side elevation of the improvement. Fig. 2 is a sectional side elevation of the same, and Fig. 3 is an inverted plan view of the base.

The improved cherry-stoner is provided with a base A, made of wood, metal or other suitable material, and formed in its front end with a seat B, adapted to receive the fruit C to be stoned, the said seat leading to a central opening B' formed in the base, and through which passes the pit of the fruit C when pressed out of the flesh by a plunger D, fitted to slide above the said seat B, as indicated in the drawings.

The plunger D is provided at its lower end with a cutter D', and at its upper end with a thumb-piece D², adapted to be taken hold of by the operator to press the plunger for removing the pit, as hereinafter more fully described. The plunger is fitted to slide in a guide E', formed by coiling one end of a spring-wire E, the said coil terminating in a horizontally-extending bar E², from which extends a vertical arm E³, bent into a forwardly-extending arm E⁴, resting on the top of the base A. The forward end of this arm E⁴ ter-

minates in a vertical part E³, which extends through an opening A' in the base A to the under side thereof, to then form an arm E⁶, which extends rearwardly in a longitudinal groove A², formed in the under side of the base. The rear end of this part E⁶ terminates in an upwardly-extending arm E⁷, passing through an opening A³ in the base A, to then form into a coil-spring E⁸, from which extends upwardly and forwardly an arm E⁹, passing through an aperture D³ in the plunger D. Now it will be seen that by this single piece of spring-wire the guide E' is formed for guiding the plunger D over the seat B, and the said wire is also formed into a spring-arm E⁹ for forwardly holding the plunger D in an uppermost position to permit of conveniently placing the fruit upon the seat B.

After the fruit has been placed in position on the seat with the stem downward, as indicated in Fig. 2, then the operator presses on the thumb-piece D² to cause the plunger D to slide downward to engage the fruit and press the pit through the stem-opening and the opening B', and as soon as the operator releases the pressure on the said thumb-piece, then the spring-arm E⁹ returns the plunger to its uppermost normal position—that is, the lower cutting end D' of the plunger is withdrawn from the flesh of the fruit remaining on the seat B. If desired, the thumb-piece D² may be made on the upper part of the spring-arm E⁹ and pressed on by the operator, instead of directly pressing on the plunger D.

It will be seen that this device is very simple and durable in construction, as it is composed of but three parts, namely, the base, the plunger, and the spring-wire, forming both the guide and spring for the plunger.

By the arrangement described the pit is cleanly removed from the cherry without mashing the same or leaving hardly any laceration.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

1. A cherry stoner, comprising a base formed with a seat for the fruit, a spring wire attached to the said base and forming a guide and a spring, and plunger fitted to slide in the said guide and pressed on by the said spring, substantially as shown and described.

2. A cherry stoner, comprising a base formed with a seat having a central opening for the passage of the pit, a spring wire attached to the said base and forming a guide
5 and a spring arm, and a plunger formed at its lower end with a cutter for engaging the pit, the said plunger being fitted to slide in

the said guide and provided with an aperture for the passage of the spring arm, substantially as shown and described.

EMIL ZEITFUCHS.

Witnesses:

GEO. J. CAMERON,

A. C. EMMONS.