

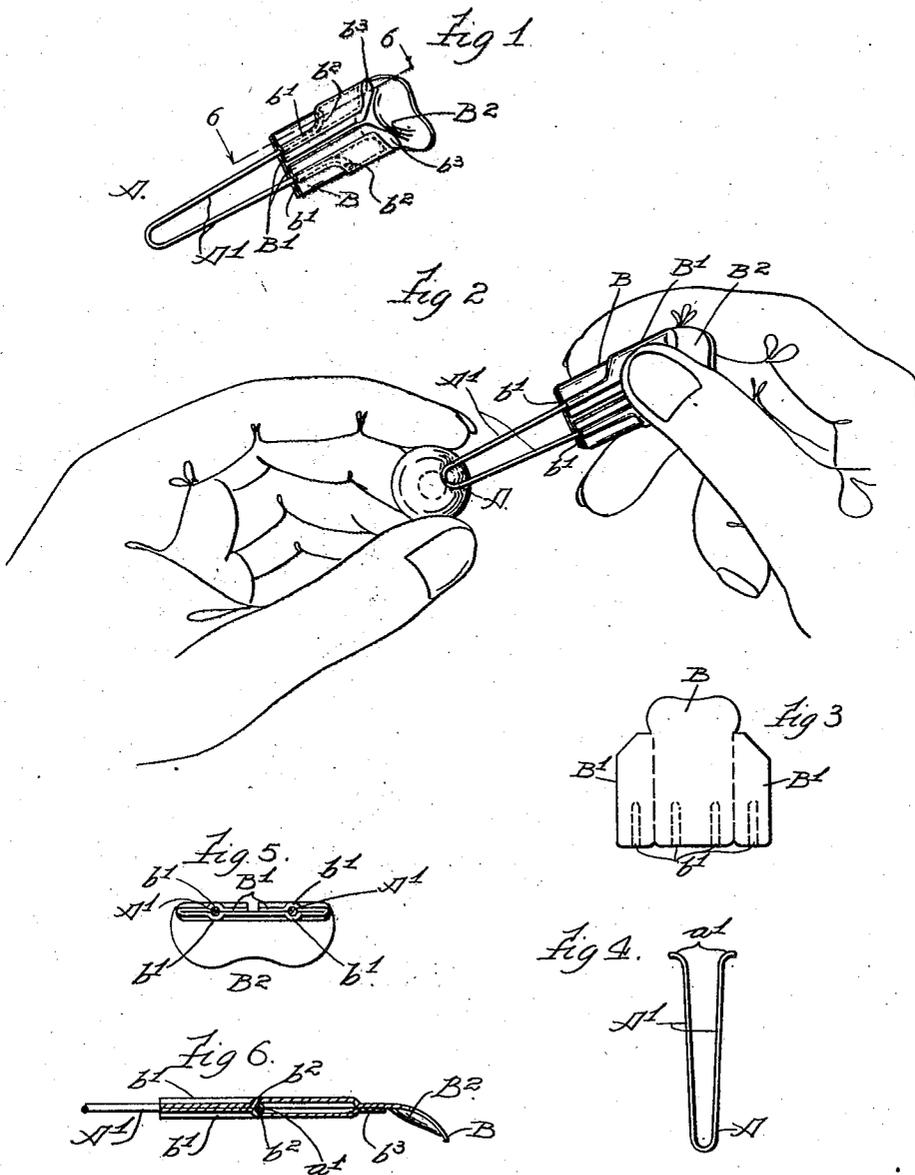
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A. E. AVERY

CHERRY PITTER

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Witness  
A. C. M. K. S. J.

Inventor  
Addison E. Avery.  
by Burton & Burton  
his Attorneys.

# UNITED STATES PATENT OFFICE.

ADDISON E. AVERY, OF OAK PARK, ILLINOIS.

CHERRY PITTER.

Application filed August 11, 1924. Serial No. 731,247.

*To all whom it may concern:*

Be it known that I, ADDISON E. AVERY, a citizen of the United States, residing in Oak Park, in the county of Cook and the State of Illinois, have invented certain new and useful Improvements in Cherry Pitters, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof.

The purpose of this invention is to provide a convenient hand tool for removing the pits from cherries and like fruit. It consists in the elements and features of construction shown and described, as indicated in the claims.

In the drawings:—

Figure 1 is a perspective view of a device embodying this invention.

Figure 2 is a perspective view of the same in the hand of the operator in the position of use.

Figure 3 is a plan view of the sheet metal blank from which the handle or mount of the device is formed by folding and stamping to clinch it upon the operative terminal of the tool.

Figure 4 is a plan view of the operative terminal of the tool detached from the mount or handle.

Figure 5 is a magnified cross section of the tool showing the clinching of the handle or mount upon the operative terminal.

Figure 6 is a longitudinal section of the device.

The device of the invention comprises two parts,—an operative terminal which is a wire loop, A, and a handle or mount which is a sheet metal stamping formed from a blank, B, which has its marginal areas, B<sup>1</sup>, reflexed in opposite directions toward each other and folded and clinched down upon one side of the blank so as to make the mount or handle two-ply for clamping between the two plies the two limbs A<sup>1</sup>, of the wire loop operative terminal, A, which become positioned and strongly held between the two plies by the formation in said plies, or one of them, in the process of clinching the plies at their lines of folding and upon the wire, of corrugations or grooves, b<sup>1</sup>, b<sup>1</sup>, which house the said limbs

of the wire loop, with its terminal portion comprising the bend projecting entirely beyond the handle or mount, B, a distance which may be made greater or less by sliding the loop bodily in the grooves or corrugations, b<sup>1</sup>, the clinching of the marginal areas or flanges which constitute one ply of the mount, not being so tight as to prevent such limited sliding of the loop for adjustment in respect to the extent of its protruding operative portion. To prevent the disengagement of the loop from the handle by reason of the construction permitting such adjustment, the ends of the two limbs of the loop are each bent outwardly to form stop terminals, as seen at a<sup>1</sup>, which stop against the shoulders b<sup>2</sup>, which are formed at the upper ends of the grooves or corrugations, b<sup>1</sup>, the marginal areas or flanges, B<sup>1</sup>, being not clinched down at their folds above this point, but being clinched closely at the upper ends as seen at b<sup>3</sup>, so that there is left between the shoulders, b<sup>2</sup> and the clinching at b<sup>3</sup>, a path in which the out-bent ends, a<sup>1</sup>, may move in the sliding of the limbs of the loop in the grooves for adjustment as indicated. The upper end portion of the mount or handle, B, beyond the clinching at b<sup>3</sup>, is flexed inwardly,—that is, toward the side on which the flanges, B<sup>1</sup>, are folded and clinched,—as seen at the portion, B<sup>2</sup>, thereby shaping the mount suitably for seating and being gripped by the thumb of the operator in the angle of the first joint of the first finger, as seen in Figure 2, this being the intended and convenient manner of gripping the tool in use.

I claim:—

1. A device for the purpose indicated comprising a narrow wire loop and a flat sheet metal mount for the same from which the wire loop projects rigidly substantially in the longitudinal direction of said mount, the mount being dimensioned for being grasped between the thumb and first joint of the user with the loop projecting beyond the grasped portion.

2. A device for the purpose indicated, comprising a narrow wire loop and a sheet metal mount for the same adapted for

grasping between the thumb and first finger of the operator and flexed for seating in the angle of the flexed first joint of the finger.

3. In the construction defined in claim 2, 5 foregoing, the sheet metal mount being folded to form two plies between which the two limbs of the wire loop are grasped, one of the plies having corrugations for seating

the two limbs for limited sliding of the wire loop longitudinally in the mount to vary 10 the extent of its protrusion from said mount or handle.

In testimony whereof, I have hereunto set my hand at Chicago, Illinois, this 9th day of August, 1924.

ADDISON E. AVERY.