A. Hermans,

Peach Parer,

No. 26,640, Patented Dec. 27, 1859.

Fig. 1

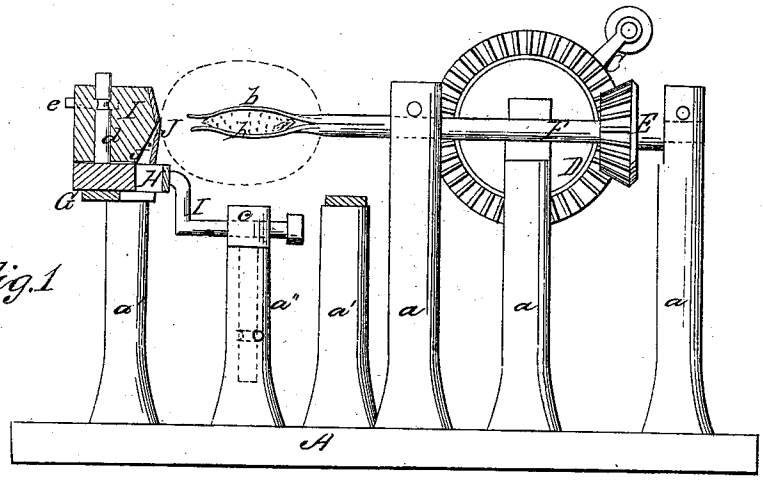
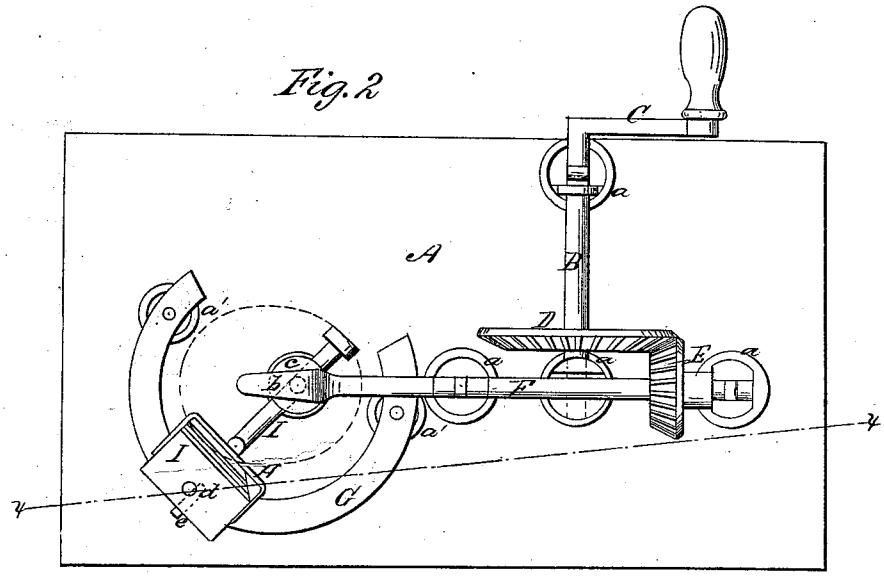


Fig. 2



Witnesses;
A. H. Stults
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UNITED STATES PATENT OFFICE.

MARY E. HERMANS, OF HENDERSON, TEXAS, ADMINISTRATRIX OF ALVA HERMANS, DECEASED.

PEACH-PARER.

Specification of Letters Patent No. 26,640, dated December 27, 1859.

To all whom it may concern:

Be it known that I, MARY E. HERMANS, of Henderson, in the county of Rusk and State of Texas, and administratrix of ALVA HERMANS, deceased, who resided in the same county and State, do hereby declare that the said ALVA HERMANS did invent a new and Improved Peach-Paring Device; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a side sectional view of the invention, taken in the line *x*, *x*, Fig. 2. Fig. 2 is a plan or top view of ditto.

Similar letters of reference indicate corresponding parts in the two figures.

This invention consists in the employment or use of a revolving holding fork provided with elastic tines or prongs in connection with a paring knife attached to or fitted in a stock arranged in a novel way to admit of being manipulated with the greatest facility in order to perform the desired work.

To enable those skilled in the art to fully understand and construct the invention I will proceed to describe it.

A, represents a base or bed on which a series of uprights *a*, *a'*, *a''*, are placed to support the working parts of the machine.

B, is a shaft placed on the upper parts of two of the uprights *a*, and having a crank C, on its outer end and a bevel toothed wheel D, on its inner end. The toothed wheel D, gears into a bevel pinion E, which is on a shaft F, placed in the upper parts of the other two uprights *a*, *a*, and at right angles to shaft B, as shown clearly in Fig. 2. One end of the shaft F, the end opposite to that where the pinion E, is placed, is split longitudinally or divaricated and the ends are flattened forming blades *b*, *b*, which on account of their thinness and the splitting of the shaft are allowed to yield or spring laterally to a certain extent, forming a yielding or elastic fork.

On the uprights *a'*, a plate or bed G, is placed and permanently secured. This plate or bed is formed of the section of a circle comprising rather more than a semi-circle, see Fig. 2. On this plate or bed G, a small frame H, is placed, and to this frame at its inner side a rod I, is attached, said rod being bent as shown clearly in Fig. 1, and passing loosely and horizontally through a swivel head *c*, on the upper part of the upright *a''*, so as to admit of the frame H, being moved laterally on the bed G, and also permitting said frame to be moved curvilinearly on the bed G, in the direction of its circumference.

In the frame H, a vertical pin *d*, is placed, and on this pin a knife stock I, is fitted, the stock resting on the frame H, and allowed to turn freely on or around the pin *d*. The stock I, is secured in proper position by a pin *e*, which passes horizontally into the stock I, and into a groove in the pin *d*.

J, is the knife which is attached to one side of the stock I, in an inclined position, a throat *f*, being formed in the stock to allow the parings to pass through, see Fig. 1. The upper part of the face side of the stock is faced with metal and one edge of the stock is chamfered off as shown in Fig. 2, at *a^x*, in order to allow the knife to approach close to the fork at its junction with the shaft F, and leave a very small portion of the peach unpared at the inner end.

The operation is as follows:—The peach to be pared shown in red is placed on the tines or blades *b*, *b*, which are forced apart by the stone of the peach and the tines are thereby allowed to hold the peach firmly and concentrically, the stone being between the tines. The shaft B, is then rotated by turning the crank G, with one hand and with the other hand the knife stock I, is manipulated that is to say, adjusted to the peach as it rotates from right to left, the knife being moved entirely over one side of the peach in consequence of moving the stock I, and frame H, around on the plate or bed G, and the knife made to conform to the irregularities of the surface of the peach by moving the stock I, and frame H, laterally on the bed G. It will be seen that the peach will be perfectly pared by moving the knife one half around it, the rotation of the peach bringing all parts of its surface in contact with the knife.

Having thus described the invention of ALVA HERMANS I as administratrix of said ALVA HERMANS deceased do not claim any of the parts separately; but

I do claim as new and desire that Letters Patent may issue for—

The combination of the rotating and elastic or yielding tines or prongs *b*, *b*, knife stock I, frame H, and plate or bed G, arranged for joint operation as and for the purpose set forth.

MARY E. HERMANS,
Administratrix of the estate of Alva Hermans, deceased.

Witnesses:
A. H. STETH,
DANIEL D. DAVIES.