

H. Z. YOUNG.
Peach-Stoners.

No. 153,882.

Patented Aug. 4, 1874.

FIG. 1.

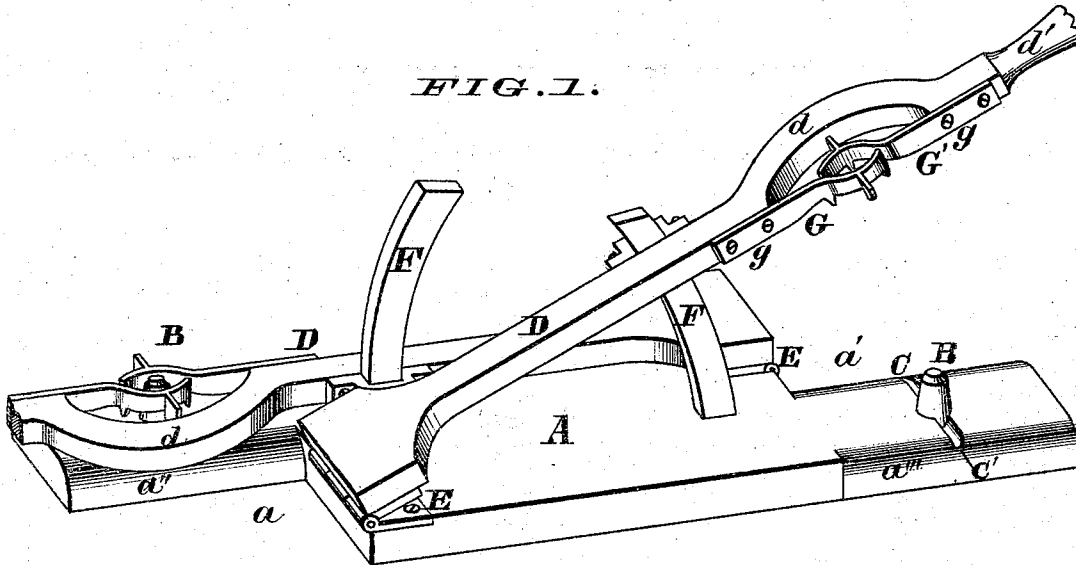


FIG. 2.

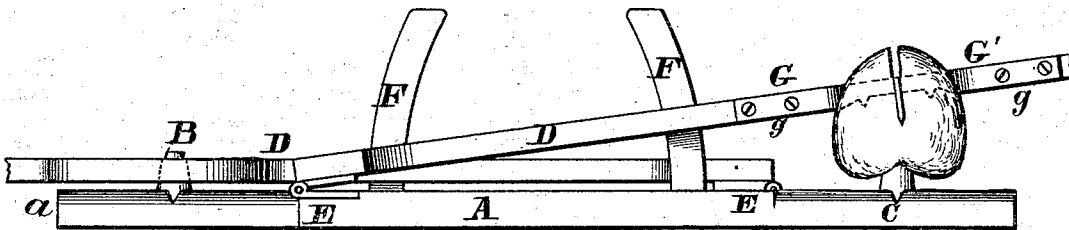


FIG. 3.

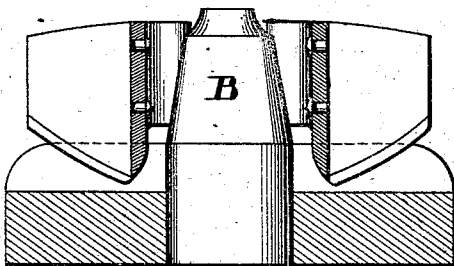


FIG. 4.

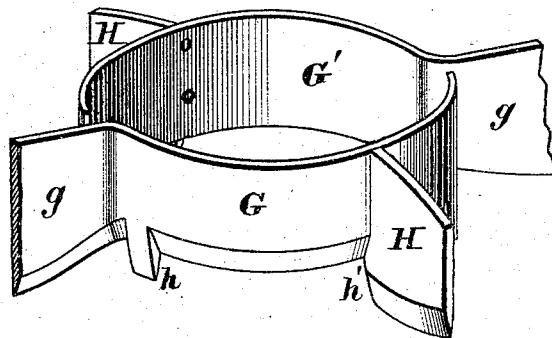
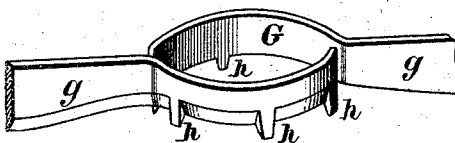


FIG. 5.



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UNITED STATES PATENT OFFICE

HENRY Z. YOUNG, OF OAK RIDGE, MISSISSIPPI.

IMPROVEMENT IN PEACH-STONERS.

Specification forming part of Letters Patent No. 153,882, dated August 4, 1874; application filed May 7, 1874.

To all whom it may concern:

Be it known that I, HENRY Z. YOUNG, of Oak Ridge, Warren county, Mississippi, have invented a new and useful Improvement in Peach-Stoners, of which the following is a specification:

This is an improvement in the class of peach stoners and slicers which employ a pair of yielding curved blades projecting from a jaw or lever; and the present invention comprises a stud or stump which holds the lower part of the peach firmly in position, at the same time that it supports the pit while the stripping-blades are removing the flesh, and afterward expels it; a provision on the strippers of downwardly-projecting tongues or fenders to ease the descent over the irregular surfaces of the pit; and to protect the cutting-edges from injurious contact with the pit; also, of quartering-wings whose lower inner edges may constitute two of the fenders.

In the accompanying drawing, Figure 1 is a perspective view of my instrument in its paired or double form, one stoner being shown elevated, and the other depressed. Fig. 2 is a side elevation, showing one of the stoners in operation. Fig. 3 is a transverse section of the instrument in the plane of the pit rest or pedestal, the strippers being depressed. Fig. 4 is a perspective view, showing the operative portions of the strippers. Fig. 5 shows a modified form of strippers adapted for slicing without quartering. Figs. 3, 4, and 5 are to a larger scale than the preceding.

My instrument in its most complete form is constructed as follows: A is a bed or base, the same being simply a flat slab of wood, whose horizontal surface is composed of two rectangles attached *en échelon*, so as to leave two re-entrants, *a a'*, for the escape of one-half of the strippings, as hereinafter explained. From each of the projecting portions *a'' a'''* rises a stud, stump, or rest, B, for the peach, which stud operates to uphold the pit while the yielding blades are stripping the flesh therefrom, and afterward to expel it. Each projection *a'' a'''* is rounded or chamfered on its upper side, as shown, for the ready escape of the strippings, and has transverse notches C C' to permit the descent of

the side wings or quartering-blades, in combination. D are jaws or levers, which are secured to the bed by hinges E, and are bowed laterally opposite the studs, as at *d*, so as to give room for one-half of the peach, and at the same time to leave the latter fully exposed to view. From the bow *d* outward the lever may take the form of a convenient handle, *d'*. In order to prevent any swaying or unsteady motion of the lever—which would seriously interfere with the speedy and effective operation of the strippers—a slot in each lever receives a post, F, which projects upward rigidly from the bed in the form of a circular arc, concentric with the hinge E of each lever, respectively. Securely attached to the outer vertical edge of the lever, and overlapping across the bowed opening *d*, are two strippers or stripping-blades, G G', the same having the represented bowed form where they overlap, so as to inclose a lenticular opening, which is designed to approximate the normal contour of a peach-stone in its transverse section. The represented flattened form of the shanks *g* of the blades G G' enables them to yield with sufficient freedom, by parting in the plane of the peach-stone, to permit the passage of any stone, while their elasticity enables them to closely hug the stone, be the same large or small, and in this manner to cleanly remove the flesh without much labor or skill on the part of the operator. Projecting downward from those portions of the blades G G' which impinge on the stone, are spurs or fenders *h*, which, being rounded at their inner edges, glide easily over the surface of the stone, however irregular, and prevent injurious contact therewith of the cutting-edges of the strippers. Projecting laterally from the blades G G' may be wings or quartering-blades H, whose inner edges *h'* may serve as fenders, precisely in the same manner as do the spurs *h*.

The operation of my peach-stoner is as follows: The peaches, when necessary, having been sorted into two lots of larger and smaller ones, respectively, are taken, one at a time, in the operator's left hand, and placed, with their stem cavities downward, upon the stud B, care being taken to place the peach so that its suture will be longitudinal of the stoner,

whose lever is then brought down so as to inclose the nib of the peach centrally within the opening of the blades G G'. A slight tap with the operator's right hand then operates to strip the flesh, and at the same time to halve or quarter the same, as the case may be, and to expel the stone.

I claim—

The combination of the bed A, stud B, lever D, and yielding strippers G G', having

quartering-wings H, and downwardly-projecting guides or fenders h h', all substantially as herein set forth, for the purpose specified.

In testimony of which invention I hereunto set my hand.

H. Z. YOUNG.

Attest:

GEO. H. KNIGHT,
H. C. ROBERTS.