

(No Model.)

W. F. MOULTON.

LEMON DRILL.

No. 344,672.

Patented June 29, 1886.

Fig. 1.

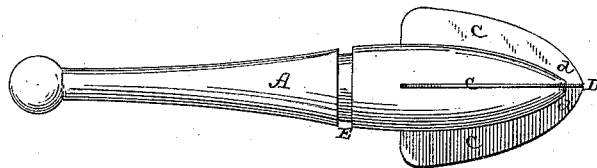
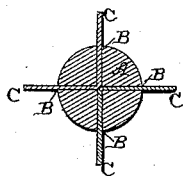


Fig. 2.



Witnesses:
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per
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UNITED STATES PATENT OFFICE.

WILLIAM F. MOULTON, OF BURLINGTON, VERMONT.

LEMON-DRILL.

SPECIFICATION forming part of Letters Patent No. 344,672, dated June 29, 1886.

Application filed September 19, 1885. Serial No. 177,586. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM F. MOULTON, a citizen of the United States, residing at Burlington, in the county of Chittenden and State of Vermont, have invented certain new and useful Improvements in Lemon-Drills, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to improvements in lemon drills or borers; and it consists in the combination of the handle having a groove formed therein, and having slots cut in one end, with the metal sections, which are bent at their centers so as to be inserted into said slots, said sections being made to project beyond the end of the handle, as will be more fully described hereinafter. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of my invention. Fig. 2 is a section of the same.

Similar letters refer to similar parts throughout the several views.

A is a handle, preferably turned from wood, of sufficient size and of suitable form to be easily held in and rotated with the hands of the operator. In its upper extremity, which is oval in shape, longitudinal slots or kerfs B are cut, for the purpose of rigidly holding metallic sections C, the exterior edges or flanges, *d*, of which are made to project outward from the surface of the handle A and meet at a point, D, above the end of the handle, so that when the sections C are in position their exterior edges conform to the oval shape of the lemon.

For convenience and cheapness of construction I saw into the end of the handle two slots, B B, at right angles to each other, and into which are inserted the two metal sections C C. The sections C C are preferably given the

form shown in Fig. 1, and which are bent at their centers, so that they can be readily inserted into the slots B B of the handle, and thus form four similarly-projecting flanges, *d*, as shown in Fig. 1. A short distance below the saw-kerfs B a groove, E, is cut into and entirely around the handle A, to prevent the flow of the juice of the lemon down onto the hand of the operator.

In using the device, a small portion of one end of the lemon is first pared away. The fruit is then held in one hand, and the upper point or end, D, of the drill is pressed against the cut end of the lemon with the other hand. Then by rotating or oscillating the drill, the flanges *d* are made to quickly penetrate the fruit, thereby allowing the lemon-juice to readily escape. Continuing the rolling motion of the wrist, the flanges *d* quickly and effectually separate the pulp from the interior surface of the lemon-rind, so that the entire interior of the lemon is thus readily extracted without the possibility of removing any of the oil in the rind, which is liable to be done by exterior pressure in the ordinary method of squeezing.

What I claim, and desire to secure by Letters Patent, is—

In a lemon-drill, the combination of the handle A, having the groove E formed therein, and having slots B cut in one end, with the metallic sections C, which are bent at their centers so as to be inserted into said slots, said sections being made to project beyond the end of the handle A, so as to form the point D, substantially as set forth.

In testimony whereof I do affix my signature in presence of two witnesses.

WILLIAM F. MOULTON.

Witnesses:

JOHN J. ALLEN,

CHARLES E. ALLEN.