

C. E. Wright,

Cherry Stoner,

N^o 58,531.

Patented Oct. 2, 1866.

Fig. 1.

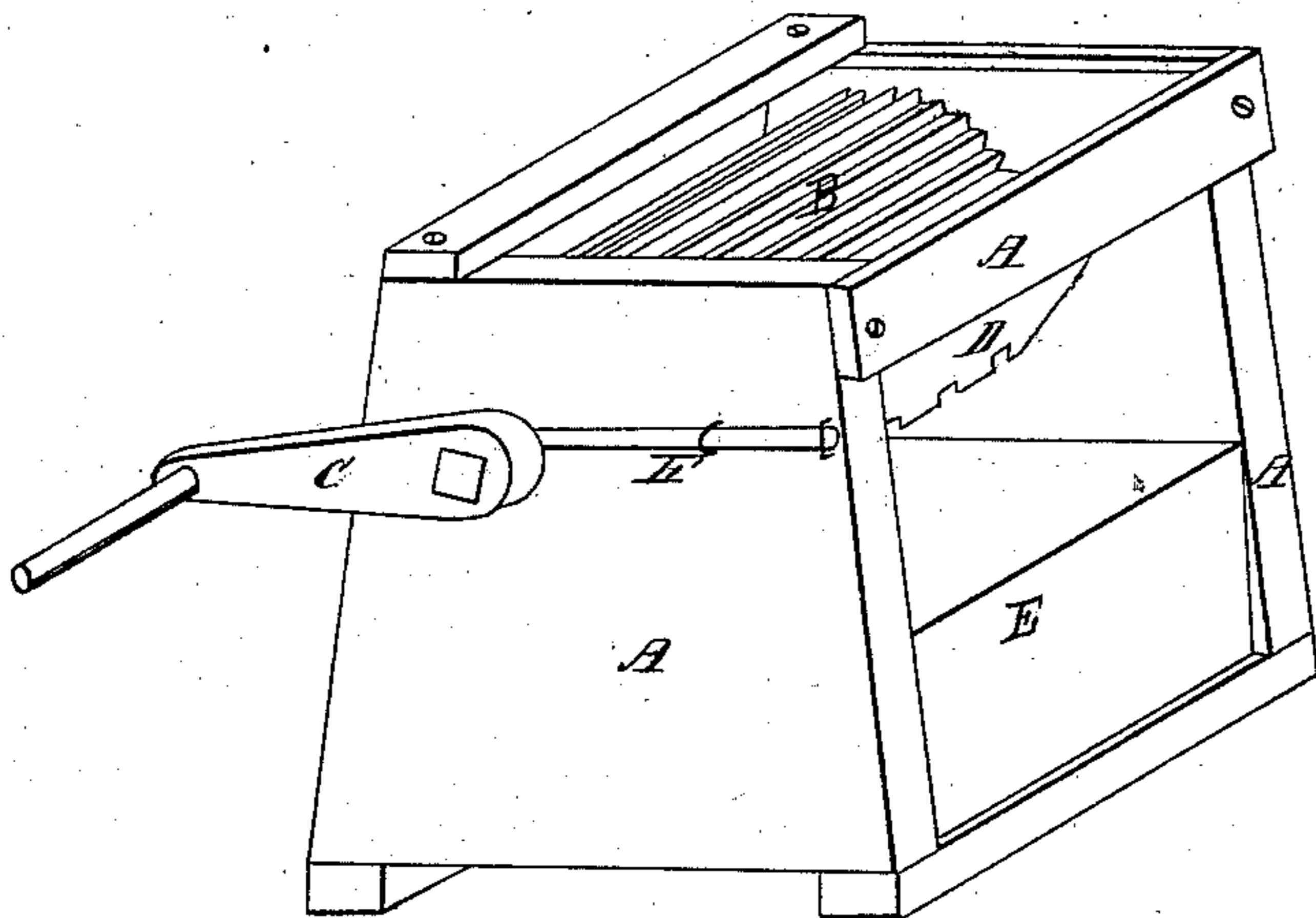


Fig. 2.

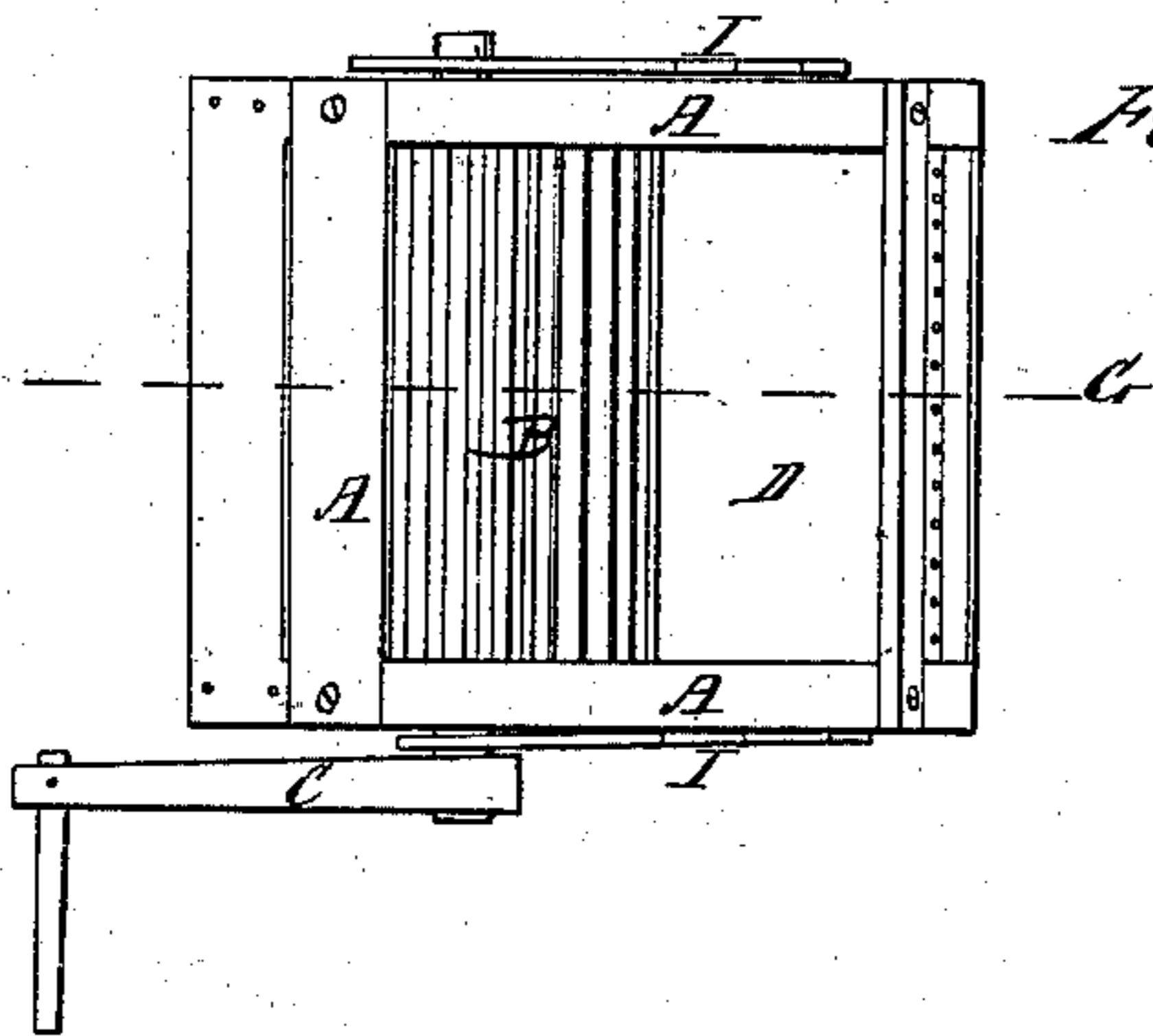
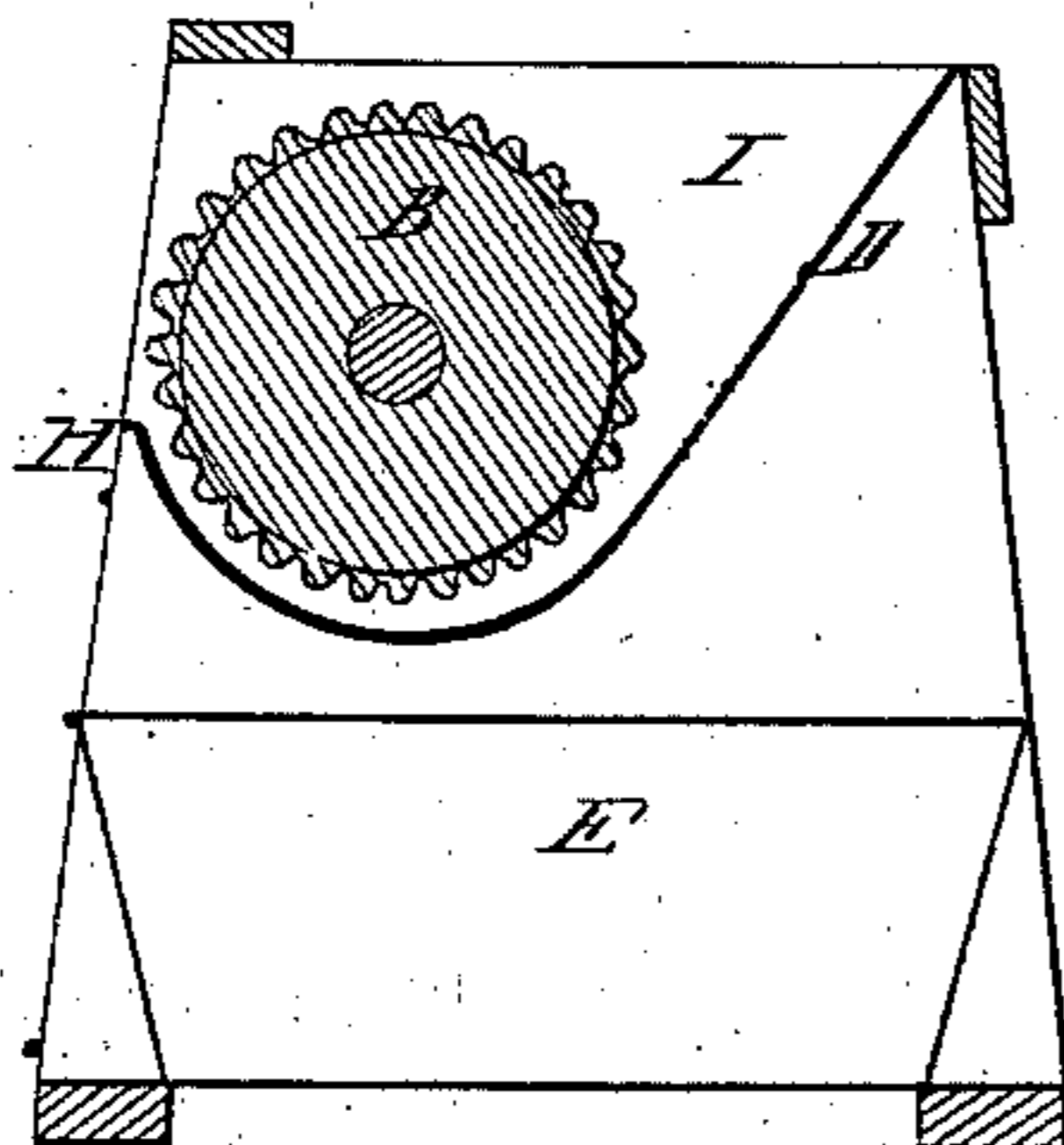


Fig. 3.



Witnesses
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CHARLES E. WRIGHT, OF AUBURN, NEW YORK.

IMPROVED CHERRY-STONER.

Specification forming part of Letters Patent No. 58,531, dated October 2, 1866.

To all whom it may concern:

Be it known that I, CHARLES E. WRIGHT, of the city of Auburn, in Cayuga county, New York, have invented a new and Improved Mode of Pitting or Stoning Cherries; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, and to the letters of reference marked thereon.

The object of this invention is to remove the pits or stones of cherries from the meats, separating each from the other, and depositing the pits in one place and the meats in another.

In order that others skilled in the art may know how to make and use my invention, I will proceed to describe its construction and mode of operation.

Figure 1 is a perspective view of the machine.

A is the frame-work supporting the several parts. B is the corrugated cylinder. C is the crank for turning the same. D is the curved perforated bed-plate. E is the receptacle for the pits, as well as such portions of the juice of the cherry as may be separated from the meat in the process of pitting. F is a spring. One end rests upon the bearings of the cylinder, there being one at each end thereof. These springs allow the cylinder to rise up a short distance in case the machine becomes choked, which prevents the bed-plate from being injured by the action of the cylinder thereon.

Fig. 2 is a plan of the machine. Fig. 3 is a cross-section, taken through Fig. 2 at G.

In Fig. 3 the relation of the cylinder B to the bed-plate D is shown more distinctly than in other figures, and it will be noticed that the bed-plate D gradually approaches the periphery of cylinder, and comes nearest to it at the mouth H, where the meats pass out of the machine.

Fig. 4 is a plan of the bed-plate D, with the perforations 1 2 3 4 5 6, &c., through which pass the pits as they are separated from the meats.

The cherries to be pitted are placed in the space I back of the cylinder. The cylinder is then turned in the direction to carry them under it and between it and the bed-plate. As they pass through this space the pits are pressed through the perforations in the bed-plate, and the meats are carried forward by the action of the corrugated surface of the cylinder thereon, and discharged at the mouth H, as before described.

Having above described the construction and mode of operating my invention, what I claim as new, and wish to secure by Letters Patent, is—

The combination of the corrugated cylinder B with the curved perforated bed-plate D and springs F, when used as and for the purpose specified.

CHAS. E. WRIGHT.

Witnesses:

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HORACE T. COOK.