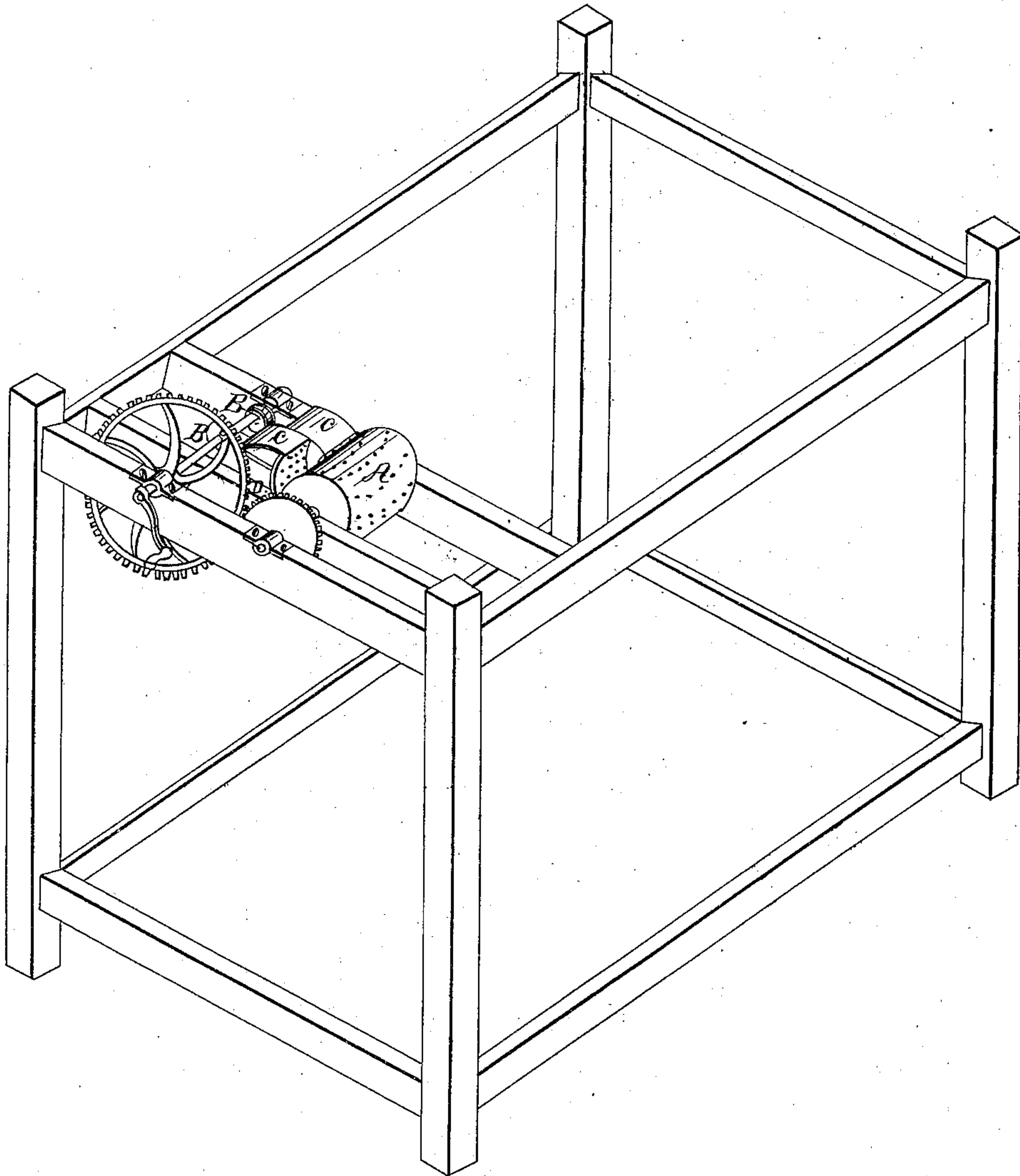


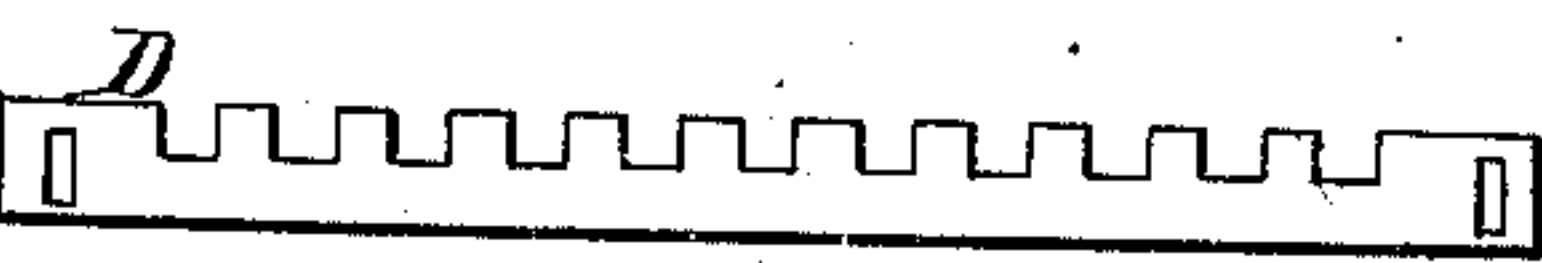
L. McKee,

Cider Mill.

No 31,553.

Patented Feb. 26, 1861.



Witnesses; 
H. L. Small.
W. M. McDowell.

Inventor;
Leander McKee

UNITED STATES PATENT OFFICE.

LEANDER McKEE, OF HAGERSTOWN, MARYLAND.

MILL FOR GRINDING APPLES.

Specification of Letters Patent No. 31,553, dated February 26, 1861.

To all whom it may concern:

Be it known that I, LEANDER McKEE, of Washington county, in the State of Maryland, have invented a new Machine or Mill
5 for Grinding Apples or other Fruits and Berries; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon.
10

The nature of my invention consists in the arrangement of parts of an apparatus for grinding apples or other fruit.

To enable others skilled in the art to make
15 and use my invention, I will proceed to describe its construction and operation.

I arrange the spikes or teeth in cylinder A, so as to pass between the spikes or teeth in concaves or mashers C, and also those in
20 the sliding or regulating bar D, so that while the cylinder spikes are grating and

tearing the fruit in their downward motion, the spikes in the concaves penetrate it, holding it fast, and the mashers or concaves operated upon by the double eccentric crank
25 B, forces it hard against the cylinder until it is entirely ground.

The object of the regulating bar, is to regulate the grinding either fine or coarse as desired which is accomplished by a slot hole at
30 one end and set screws.

What I claim as my invention and desire to secure by Letters Patent is—

The arrangement and combination of cylinder A, double eccentric B, concaves or
35 mashers C, and regulating bar D, substantially as and for its purpose set forth.

LEANDER McKEE.

Witnesses:

W. L. SMALL,
W. M. McDOWELL.