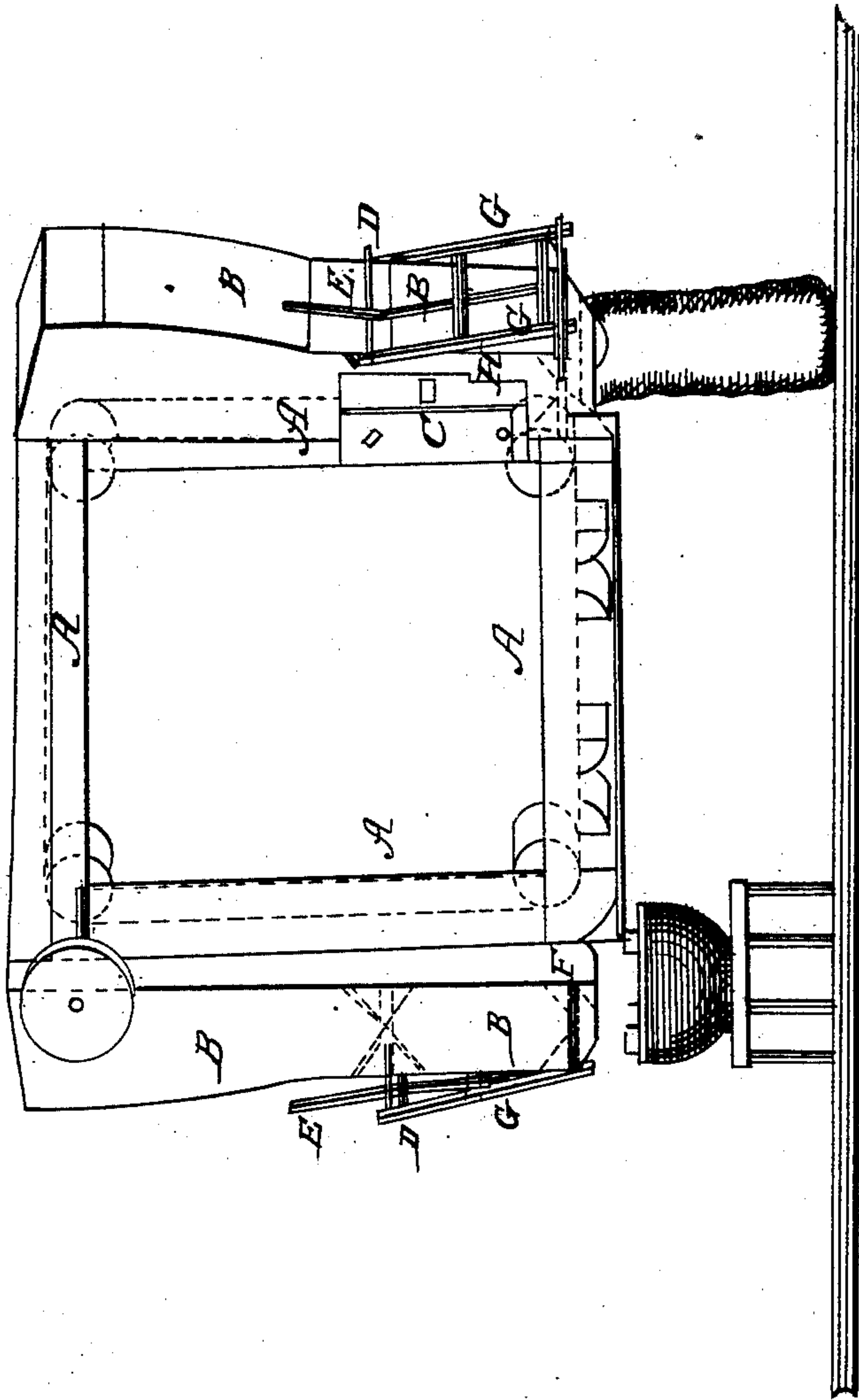


P. BARKER.

Machine for Elevating, Measuring, Registering, and Bagging Grain.

No. 20,399.

Patented June 1, 1858.



witnesses  
N. K. Ireland  
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# UNITED STATES PATENT OFFICE.

P. BARKER, OF NORTH ADAMS, MICHIGAN.

MACHINE FOR ELEVATING, MEASURING, REGISTERING, AND BAGGING GRAIN.

Specification of Letters Patent No. 20,399, dated June 1, 1858.

*To all whom it may concern:*

Be it known that I, PELEG BARKER, of North Adams, in the county of Hillsdale, in the State of Michigan, have invented a new and useful Machine for Elevating, Measuring, and Registering and Bagging Grain Direct from Threshing-Machines; 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 thereon.

The nature of my invention consists in providing a threshing machine with elevators, reservoir, measures, and registers. The measures, reservoirs, elevators, &c., comprising my invention are secured to the separators and fanning mill as connected to threshing machines in general use in a permanent manner with the lower ends of the measures, high enough to admit of the hanging on of bags. The elevators pass entirely around the separator with the lower quarter placed just below the lower edge of the shoe or grain board, so that the grain is discharged into the side of the trunk of the elevators. The perpendicular quarters of the elevators pass upon either side of the separator with the top end inclining outward leaving room for belts and other appendages of the separators. The top quarter of the elevators being placed high enough to admit the straw to pass under it. The elevators receive their motion from the shake rod of the fanning mill, as shown in Number 1 of the accompanying drawings. The elevators are so constructed that they can be rotated either way around the separator by crossing the belt, or not; elevators are to receive the grain as it comes from the fanning mill and elevate it to the top of the reservoir and measures.

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

I construct my threshing machine in any of the known forms and apply thereto elevators, reservoirs and measures and registers.

The elevators are marked A in the accompanying drawings. The reservoirs and measures are shown at B. The registers are shown at C.

The elevators, reservoirs, measures and registers are attached to the machine so as to be on both sides of it so that the grain can be received at either side.

The operation of my improvement is that the grain is discharged from the fanning mill into the lower part of the elevators which bring the grain out from under the mill and elevate it up to the top of the elevators, from thence across the top of the machine and discharge in the reservoir from whence it is allowed to drop down into the measures by means of opening the top slide shown at D which operation is performed by drawing the lever (shown at E) outward, which same motion closes the bottom of the measure by means of the bottom slide (shown at F) and brake (shown at G). The measure is ascertained to be full by the bulging out of the cloth which composes one side of the reservoir. The grain is then discharged into the bag or basket by closing D which opens F, which same motion operates the register C by means of a hand (shown at H). The hand catches on the notches on the ratchet wheel in such a manner as that every time the measure is discharged it moves one notch, which said motion draws the tape (which is numbered) down one number, as the tape is drawn down it is wound around the shaft of the ratchet wheel and drawn off of a wheel placed in the box above. The shaft of the last described wheel projects through the box so that the tape can be wound up with a crank or key. The said tape may be made of any desirable length and numbered as high as required. The numbers on the said tape are shown through a small aperture so that the exact number of bushels of grain threshed may be seen at any time. The elevators are carried by means of one or more of the wheels in the corners which are rotated by a pulley and belt running from the shake rod of the fanning mill.

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

The application to threshing machines of elevators reservoirs measures and registers, which will elevate the grain measure it and discharge it into bags without the necessity of handling. I do not claim this particular kind of elevators and fixtures, but these or any others substantially the same which will produce the desired effect.

PELEG BARKER.

Witnesses:

N. G. VREELAND,  
VIAH FAIRCHILD.