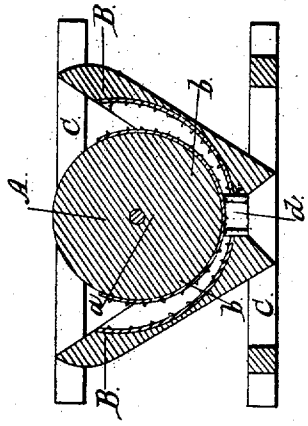
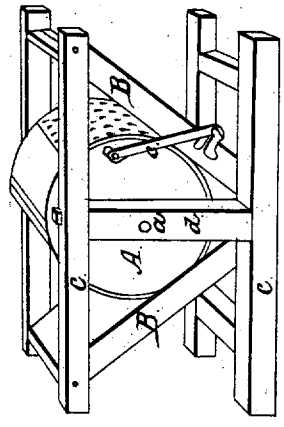
S. GOULD.

Grass Huller.

8995X

Patented Aug. 15, 1835.





N. PETERS, Photo-Lithographer, Washington, D. C.

8995X

189.

Aug. 15. 1835

Samuel Gould Junr. of New Portland, State of Maine

Letters Patent.

The schedule referred to in these Letters Patent and making part of the same, containing a description in the words of the said Samuel Gould Jr. himself of his improvement in the machine for separating and removing the hull or bowl from grass seed.

To all to whom these presents shall come

Know ye, that I Samuel Gould Junr. of New Portland in the County of Somerset, and State of Maine, have invented a new and useful improvement in the machine for separating and removing the hull or bowl from grass seed, rice and other seeds, which I denominate the vibrating Machine, and the following is a full and accurate description of the construction and operation of said machine. A horizontal cylinder or semi-cylinder three feet long, and six feet in diameter or in that proportion, the surface of which is covered with sheet iron perforated with small orifices, like a grater through the centre of which passes a shaft to which the cylinder is made fast, plays or vibrates in a curb lined with sheet iron perforated in the same manner, this curb is a hollow segment, or when a whole cylinder is used, is made of two hollow segments, and is made of a size proportionable to the dimensions of the cylinder

This shaft revolves in boxes made in two upright posts as represented in the accompanying drawings, this curb is to be made of plank or some other suitable material, The cylinder and curb have one or more grooves near the top of the curb to increase the feed of the machine The cylinder is to be set in motion by a crank, attached

190. 8995X

to it near the one extremity of the cylinder, and the sweep is attached to the crank of a wheel which can be carried by any power sufficient to move the cylinder

The dust is to be thrown into the curb, and the shell is to be removed or separated by the friction, between the cylinder and curb, The general form of the Machine may be seen by the accompanying drawings which are made a part of this specification, What I claim as new, and of my own invention, is the horizontal vibrating cylinder and the general form and arrangement of the several parts of the Machine, to effect the purpose designed

In witness of which I have hereunto set my hand this 24th day of June 1835

Witness
J. Young. Seamans
Jany R. Hack

Samuel Gould Junr

Ord Pl.

(Drawing.)

(450 words)