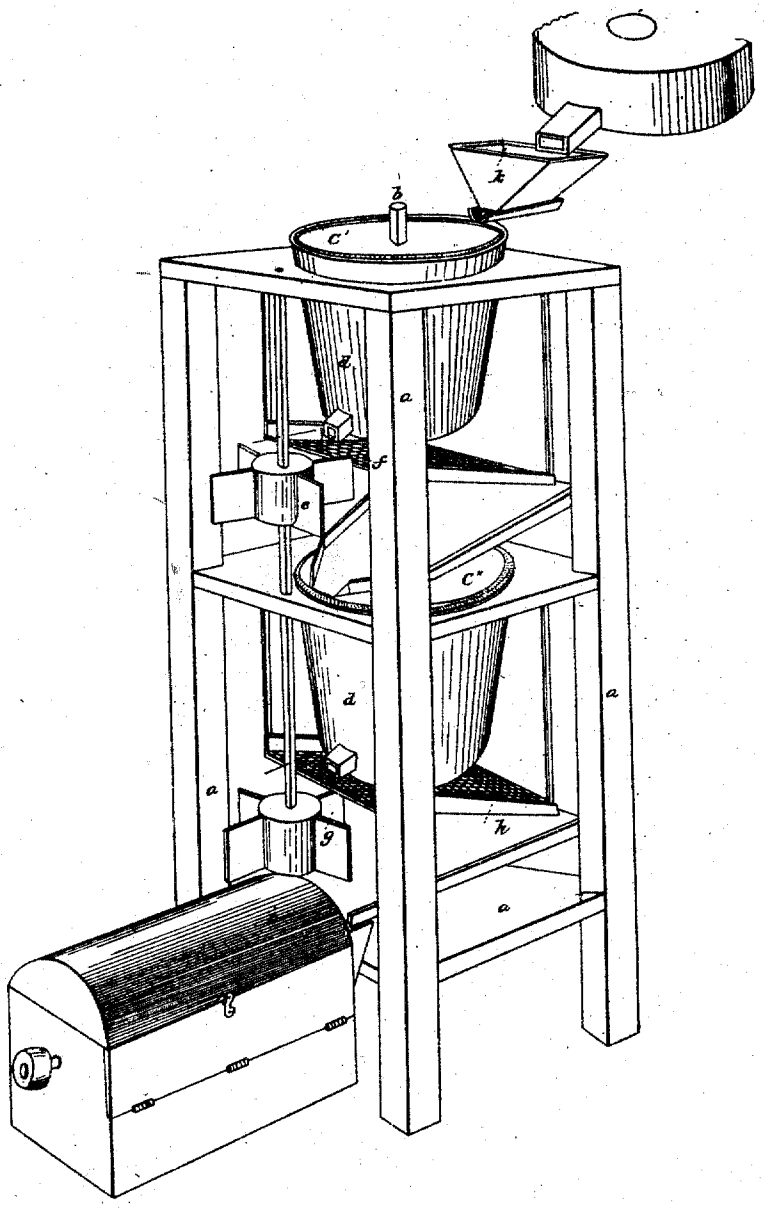
T. F. STRONG & M. T. MOODY. No Printed Specification Available

7295X

Rice Cleaning.

Patented Nov. 17, 1832.



7295X Nov. 17, 1832

Theodore F. Strong & Marcus T. Moody
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 Theodore F. Strong & Marcus T. Moody themselves of their improvement in the Machine for hulling, cleaning & polishing Rice, Barley, Broom Corn & other small seeds.

To all persons to whom these presents shall come, We Theodore F. Strong house joiner & Marcus T. Moody Cabinet Maker both of Northampton in the County of Hampshire & Commonwealth of Massachusetts send greeting. Be it known that we the said Theodore F. Strong and Marcus T. Moody have invented constructed made and applied to use a new & useful improvement for the purpose of cleaning threshing & polishing of Rice, Barley, Broom corn & other small seeds having a hard kernel and which are difficult of separation from the hull or husk called by them Strong & Moody's improved Patent Huller, Smutter & polisher specified in the words following to wit. This improvement consists in a firm quadrangular frame of any required dimensions. In this frame is to be placed a perpendicular shaft moving in a horizontal direction. On the shaft is to be fixed a truncated cone of any required dimensions the circumference or exterior surface of which is to be studded clothed or charged with strong card teeth pins or points of metallic wire set in leather or any other firm & elastic substance. Surrounding this truncated cone so studded charged & clothed & exactly corresponding with its exterior surface is to be placed a hollow cylinder the interior surface of which is

to be clothed studded or charged in the same manner & with the same materials as the truncated cone above mentioned. Beneath the truncated cone and cylinder aforesaid are to be placed a winnower & screen.

on the same or another upright shaft is to be affixed another truncated cone similar to the one first herein mentioned & having a corresponding hollow cylinder.

The cylindric surface of the cone and the interior surface of the cylinder last mentioned are to be studded clothed & charged with very fine and stiff bristles or hair or with the skin of the dog fish having an underlay of caoutchouc or other elastic substance. Beneath this last mentioned cone & cylinder are to be placed a winnower & screen & beneath them a bolt covered with screen wire.

Method of operation. The seeds to be cleaned husked or polished are first to be passed thro' a pair of common mill stones or similar stones having the upper stone hung on a stiff bow & raised so high as only to crack & partially separate the outer coat or husk of the seeds. After winnowing the seed as it comes from the mill stones it is to be passed by a hopper between the truncated cone & its corresponding hollow cylinder which are studded with the said teeth pins or points of metallic wire. when the seed will be entirely divested of the husk or husk & are then to be passed thro' the winnower & screen beneath. If a more perfect polish is required the seeds are then to be passed thro' the second cone & its corresponding cylinder from which they are passed into the winnower & screen beneath & from the screen into the bolt covered with screen wire. The said Moody and Stacy claim as their joint invention in the improvement herein specified & described the method of hulling cleaning & polishing or burnishing of rice

Stacy

7295x Nov. 17, 1832 77

Barley Wheat corn oats & other small grains having a hard husk difficult to separate from the husk by means of truncated cones revolving on a perpendicular shaft in a hollow cylinder & clothed with emery [illegible] or with points of metallic wire set in leather or any other strong & elastic substance. & also for truncated cones revolving on a perpendicular shaft & in a hollow cylinder having the cones & cylinders clothed charged or studded with stiff bristles or hair or with elastic gum or india rubber. as an under lay over which are placed a coating of the skin of the dog fish as polishers or burnishers. as herein specified & described & their claim on this invention, as an improvement on "Stacy and Moody's huller smutter & polisher" secured to the present applicants by letters patent from the U States dated Aug 29th 1832. In testimony that the above is a true specification of our said improvement as above described we have hereto set our hands the 24th day of September in the year of our Lord 1832

Witnesses
Benjamin Eastman
Peter Woodard

Theodore F. Stacy
Marcus F. Moody

Drawing with Hulling Machine