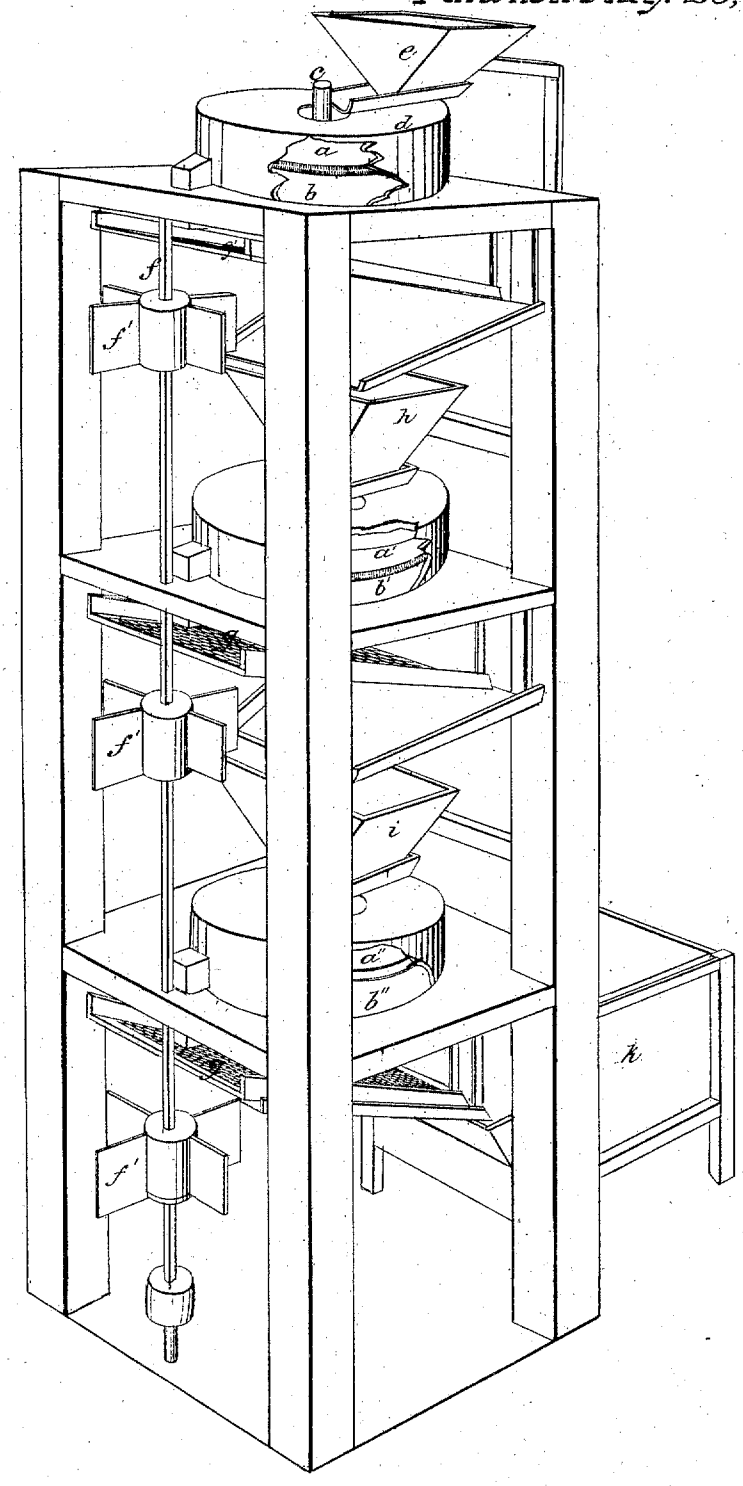
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7215X

# Strong & Moody.

## Hulling Mach.

Patented Aug. 29, 1832.



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Theodore F. Storey & 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. Storey & Marcus T. Moody themselves of their improvement viz the Machine for hulling cleaning & polishing Barley Rice &c called "Storey & Moody's huller smutter & polisher"—

To all persons to whom these presents shall come Theodore F. Storey House Carpenter & Joiner & Marcus T. Moody Cabinet-maker both of Northampton in the County of Hampshire and Commonwealth of Massachusetts send greeting. Be it known that we the said Theodore F. Storey & Marcus T. Moody have jointly invented constructed made and applied to use a new and useful improvement in the mode of hulling Cleansing & polishing of Barley Rice Broom-corn & other small seeds having a hard kernel & difficult to separate from the hull which called Storey & Moody's huller smutter & polisher specified in the words following to wit. This improvement consists of two flat or short cylinders of any required diameter placed in a perpendicular shaft similar to the stones in a grist mill. The upper cylinder is made of cast iron having a sheathing on the under side made of wood. The under cylinder is made of wood & is firmly affixed to a platform. The under side of the upper cylinder and the upper side of the lower one are to be studded clothed or charged with strong card teeth pins or points of metallic wire set in leather or any other strong & elastic substance. The upper cylinder is moved by an upright shaft to which it is affixed, while the lower one is supported on a platform connected with the quadrangular frame which is supported

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suspended the machinery. A rim or border of metal is worne is placed on the outer edge of the lower cylinder having an opening on one side thro' which the seeds pass after having been run thro' the cylinders. From the opening in the rim aforesaid the seeds are carried by a trough to a winnower & screen affixed to a small upright shaft within the quadrangular frame & after being winnowed & passed thro the screen the seeds are carried by a trough into another pair of cylinders made precisely like the first mentioned pair excepting the materials which are used for clothing studding or changing which are to be of a finer quality than the pair first mentioned. From this second pair of cylinders the seeds are to be passed thro' a winnower & screen similar to those first above mentioned. When it is desired to give a better polish to the seeds than is produced by passing it thro the two pairs of cylinders above mentioned another pair of cylinders are to be added made precisely like those above mentioned except the clothing changing or studding which is to be made of dogfish skin or of strong bristles or hair. The seeds are to be passed from thence into a winnower & from thence into a belt covered with screen wire. Method of Operation. The seed to be cleaned hulled or polished is to be placed in a hopper leading into the first pair of cylinders from thence it passes into the first mentioned winnower & screen from thence into the second pair of cylinders from thence into the second winnower & screen from thence into the third pair of cylinders, from thence into the last mentioned winnower & from thence into the belt. The said Moody & Strong claim as their joint invention in the improvement herein specified & described, the method of hulling cleaning polishing & burnishing of Barley Rice Peas corn seed & other small seeds having a hard kernel and

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difficult to separate from the hull or husk, by means of a combination of flat cylinders on a perpendicular shaft clothed, charged or studded with card teeth pins or points of metallic wire set in strong leather or any other strong elastic substance, & also for flat cylinders clothed charged or studded with bristles hair or dog fish skin for burnishers of brushes herein specified and described. In testimony that the above is a true specification of our said improvement as above described We have hereunto set our hands at Southampton aforesaid. this thirtieth day of July in the year of our Lord one thousand eight hundred and thirty two

Witnesses
Israel N. Dickinson
Rufus C. Rowley

Theodore F. Strong
Harvey J. Murray

800 words

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