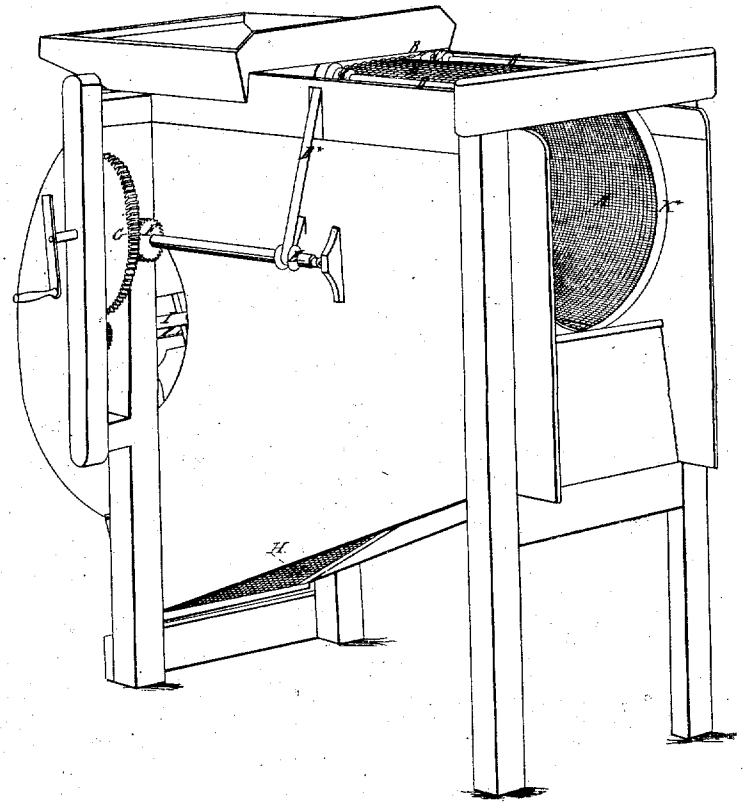
2 Sheets—Sheet 1.

7752X

J. DEAKYNE.

WHEAT FAN OR MACHINE FOR CLEANING GRAIN.

Patented Sept. 13, 1833.



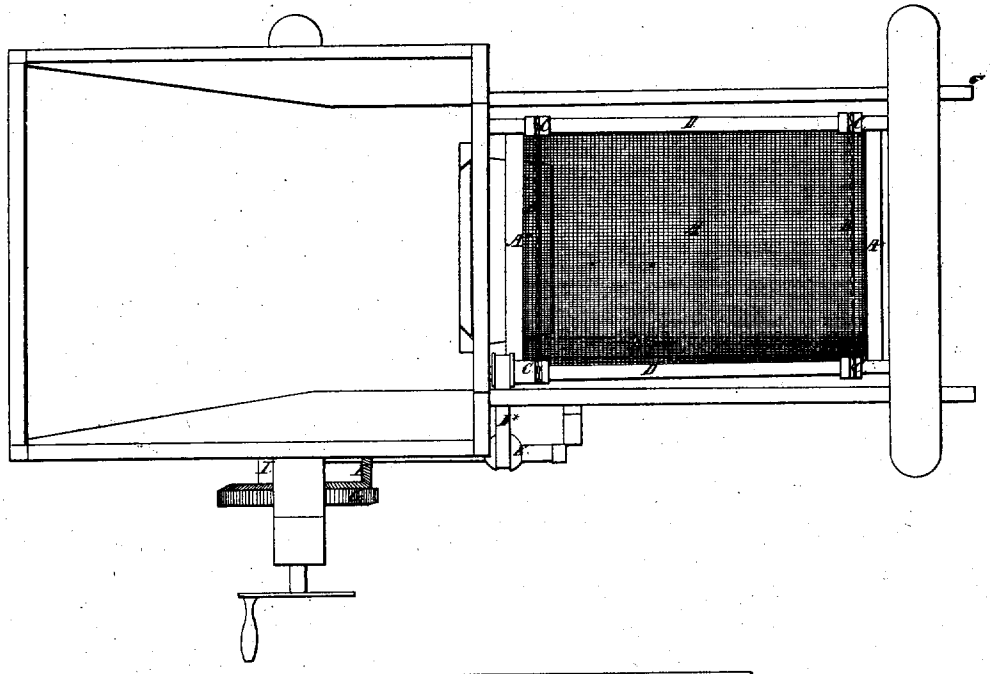
2 Sheets—Sheet 2.

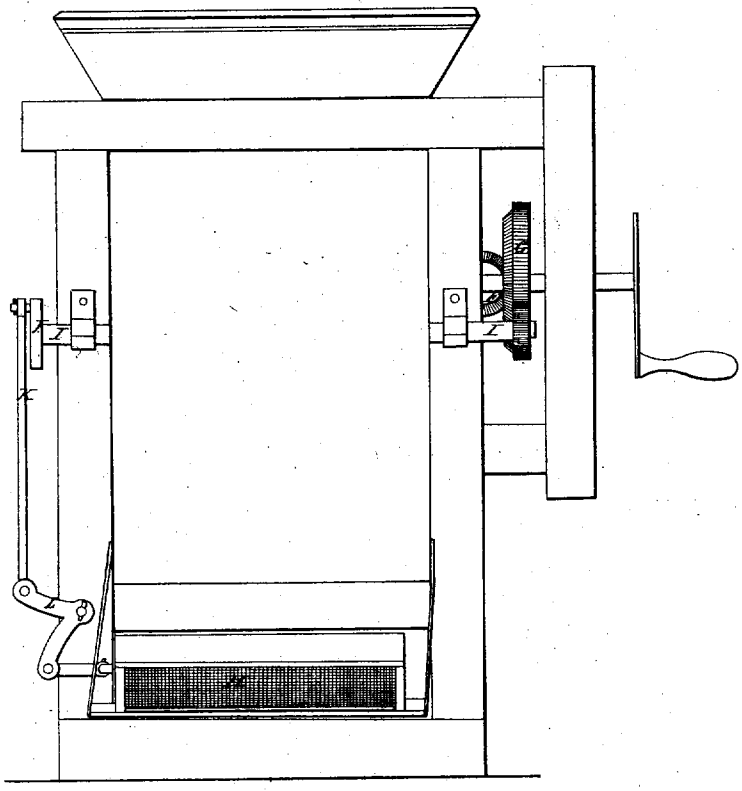
7752X

J. DEAKYNE.

WHEAT FAN OR MACHINE FOR CLEANING GRAIN.

Patented Sept. 13, 1833.





No 1952X Sept 13 1833 451

John Crabtree Petersburgh Virginia

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 John Crabtree himself is as follows viz

To all to whom these presents shall come Be it known that I John Crabtree of the town of Petersburgh in the County of Dinwiddie and State of Virginia have invented a new and useful Improvement in the Wheat Fan or Machine for cleaning grain and that the following is a full and exact description of the construction and operation of the said machine reference being had to the annexed drawings making part of this specification

In a frame of the ordinary size and construction of Wheat Fans I suspend a cylindrical wire sieve or riddle having within and concentric eighteen inches diameter and twenty six inches long in each of its ends three times up as a flange at right angles to the inside of which the grain from the hopper strikes at the end next the fanning mill and from which it falls through the sieve or riddle into the bottom of the frame which is made to slope suddenly to the rear and from which it passes through a spout at the end of the frame into the fanning mill by which it is cleaned in the usual manner The said sieve or riddle is kept revolving by a band passing over a pulley on the end of the shaft which carries the fly wheel of the fanning mill and the said band is guided over the frame of the machine by two small pulleys one of which is placed at the end of the frame next the fanning mill and the other at the opposite end of the frame The shaft of the last mentioned pulley has a small crank on the end of it to which is attached a short iron rod which is connected by a joint to the lower end of a lever which is fixed on the end of a horizontal shaft which passes through the frame of the machine and has a small lever on the outside of the frame to which is attached a rod which passes through the bottom of the hopper and has a small lever on the end of it within the hopper which is so placed that the grain in falling from the hopper strikes against it and keeps it in motion and thereby

No. IX

from the Bank of the Brook at the head of which stood a small Cedar tree running from thence at different distances from the Gutter for the purpose of giving the Queen more left action; a Rod passing from Bank Head to a Cedar tree which is Connected at the side of the Gutter to the Distributer. To secure a point for stopping the flow of Quantity from Bank Head to the Gutter stop Cock to Regulate the Supply which has already been fixed at the bottom of the Gutter as it reaches the Gutter of the Distributer & under subscribed with the mark agreed to by Plaintiff.

The Instrument in the above described machine which I claim as my Invention Consists first in a Revolving Silver Needle having sufficient weight By the Impressment all the Interior of the Needle of the form & Structure & the Balance of the Ear-Shaft and Needle shall be a Mark of Distinction & Security to Prevent the Use of a Counterfeit from that genuine Can therefore be Known to the same Needle of mine after this Impressment from by Persons Skilled in the Art & Mystery of Making Watches Clocks &c. Secondly I claim the Instrument for Regulating the Quantity of Water to the Queen Pipe as described & Explained by the Plan & Certificate hereto annexed & the Instrument for Stopping the Cock with the Machine Distributer Rod & Cedar Tree & Explained in Regulating the Motion of the Water and Supply of the Queen in Distributer Gutter as Witness

Witness
Edwd. Tilliam Tesson
Jas. Tilliam Branch

John Cockle

(Dated September 19. 1833)
Inr. Enrolled