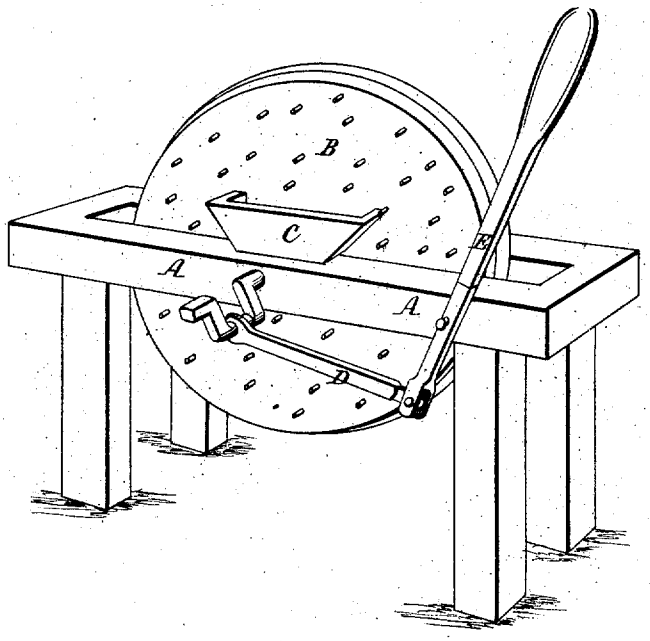
2276X

Z. Phinney.

Corn Sheller.

Patented Feb. 16, 1815.

2 Sheets- Sheet 1.



2267X

Z. Phinney.

Corn Sheller.

Patented Feb. 16, 1815.

2 Sheets-Sheet 2.

Fig: 1.

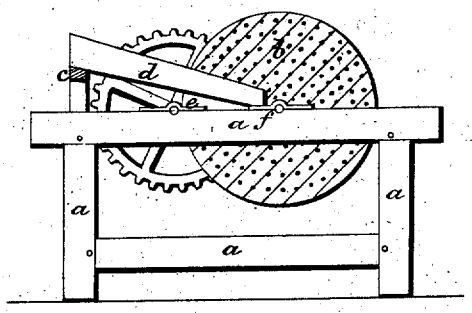


Fig: 2.

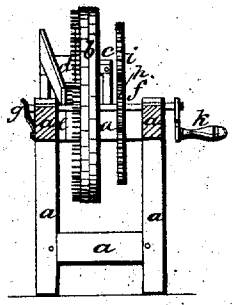
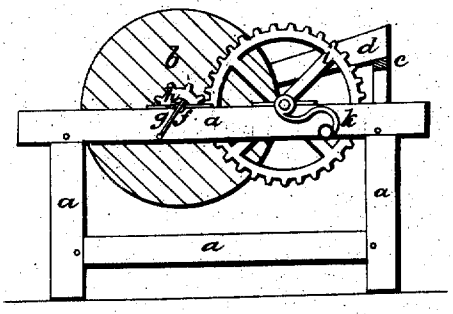


Fig: 3.



Feb 16. 1815 2267 X

Jina Phinney
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 Jina Phinney himself of his machine for Shelling Corn, threshing Wheat and dressing Flax,

This machine for shelling Corn, consists of a frame with four legs, so as to admit of a wheel made of plank, double, cross grain, three feet diameter, from four to six inches thick, with the side filled with nails, without heads, & wide mouthed one inch apart, or the wheel may be made of cast Iron with the nails cast in with a place in with a place in the centre for grinding, by placing a plate on the frame with a small Hopper placed over it. The frame to have a plank on the inside of the Cogs filled with nails likewise. This wheel whose double geared must have the axle tree to play back against a spring on the back side of the frame, so as to admit small or large ears to pass between the front of the frame or plank filled with nails, and the wheel, which shells the corn by rolling through. Another principle of shelling corn on the same wheel, is by placing a plate of iron on one part of the frame near the front of the wheel for the Ear to lay on, held against the wheel by a spring which is confined with a screw near the centre of the wheel which presses the ear against the wheel and frees the cob all endways. This wheel may be turned by water or Horse, with crank Treader or hand staff confined to the frame with a screw nearest the lower end, with a pulman round the Crank, and fastened by a screw to the lower end of the hand staff. They purchase hand staff will answer for turning grindstones, or sawing by placing a saw on the crank of a fly wheel, which will answer for flax and wheat, by placing swingling knives on it. The knives may be fed wheat or other grain by a box similar to the cutting box, with which may be used a round block with pegs in it, which turn by cogs near the centre of the fly wheel.

Jina Phinney Esq.

Witnesses { William Thornton
Geo Lyon

(400 words)

(Patented 16th February 1815)