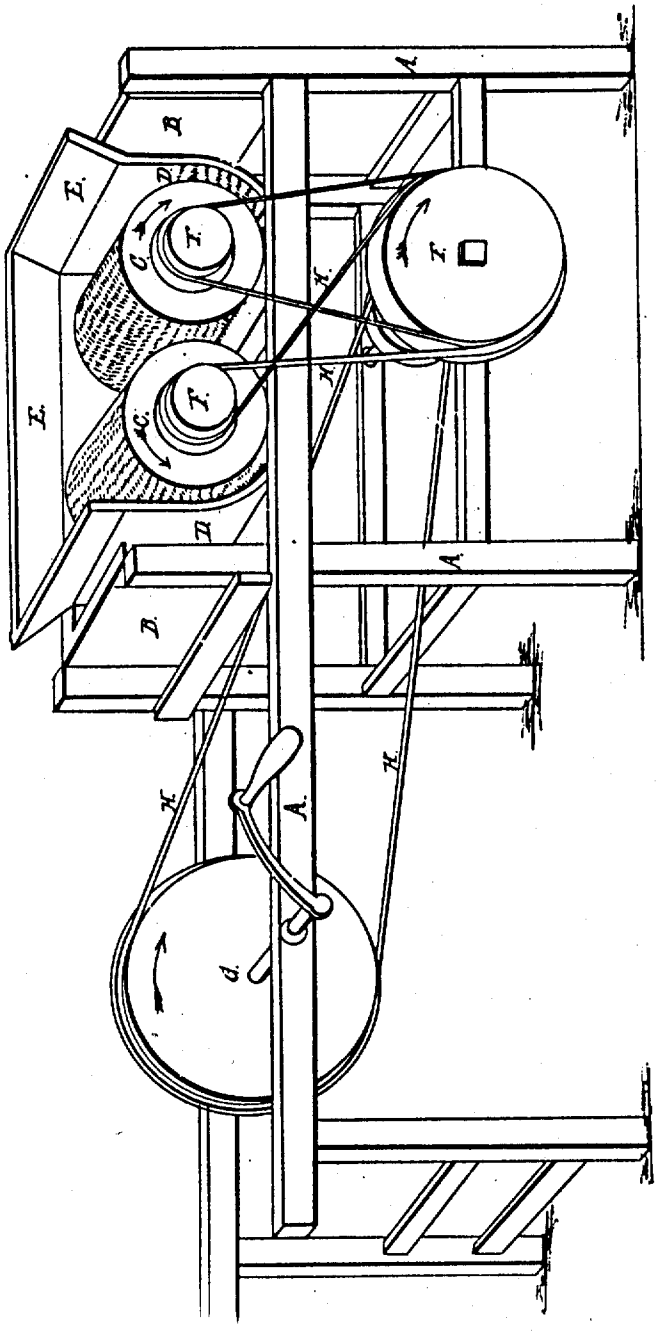
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S. White.

Clover Huller.

Patented Aug 10. 1831.



X0006694 Aug 10, 1831 431.

Samuel White Adams County Pennsylvania.

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 White this day of his Improvement in the Machine for husking and cleaning Cotton Seed.

To all to whom these presents shall come be it known that I Samuel White of Adams County in the State of Pennsylvania have invented or discovered a new and useful improvement in the machine for husking and cleaning Cotton Seed and that the following is a full and exact description of the Construction and operation of the same as invented or improved by me, to wit There will be a frame constructed in any convenient manner the upper part of which will be curved or bracketed up on both sides and ends so that it will form a box or Curb open at top and bottom There will be two revolving Cylinders of any convenient length and diameter fixed on axles placed across the middle of the frame or Curb Immediately back of said Cylinders at each end of said frame or Curb there will be concaves one opening within each end of said frame of such curve as will fit to the circles of the Cylinders. The Cylinders and Concaves may be made of cast iron or other metal or of wood covered over with canvy or fixed with steel or brass points or teeth. The Cylinders and Concaves may be covered with sheet iron so fixed that the teeth or points with the motion of the Cylinders that is while when the Cylinders are in motion the curved teeth shall move first forward and the teeth on the Concaves shall point in the same direction as the teeth on the Cylinders where they are in contact with the Concaves. There will be a hopper fixed to contain the Cotton seeds or shells immediately over the Cylinders. There may be a riddle or riddles as a fan under the Machine moved by the same power which moves the Cylinders) with which Cotton may be cleaned as the Cotton is fed it is shelled. If preferred the Machine may be made without

said wheels and fan, and the Last Cleaned by a Separate Machine

The Machine may be Moved by Hand or Water-horse or other Power may be Employed. The Power may be Communicated to the Machine in any Convenient Manner & that is Most Suited the Cylinders to revolve in opposite directions – that is – so that Alternate Cylinders Shall be from each other on the top or opposite sides and down on the contrary sides by the Cranes.

One of the various plans by which the Motion can be communicated to the Machine is to have a Shaft or axle to which the moving Power is applied placed under the machine parallel the Cylinders to which said Shaft may be Will be connected with the Cylinders by means of pulleys and bands or straps – or by Wheels and Pinions so geared as to give the requisite Motion to the Cylinders

The Cranes Plans as before mentioned across the ends of the machine by the Sides of the Cylinders will be so arranged with Screws Wedges and other fastenings that they may be placed and held in any position as to be in contact with or a little distance from said Cylinders The part behind to be new and claimed as an Invention or discovery in the use of the Cylinders and the Cranes placed in the manner above mentioned so as to turn from each other on the top – and the plan of placing the cards as above described, the Cylinders Fronting in the same direction and also the plan of Coating the Cylinders and Cranes with emery as above Mentioned.

Dan. Nichols

Engd. Witnesses
1796 Ch. Lee
Thos. Richardson
Jacob Rodifer

drawing in Box plan

[illegible] 42 Wid