(12) **United States Patent**
Cook

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(54) **OAKUM, PICKING**

(76) Inventor: **Ebenezer Cook**

Ebenezer Cook

Letters Patent

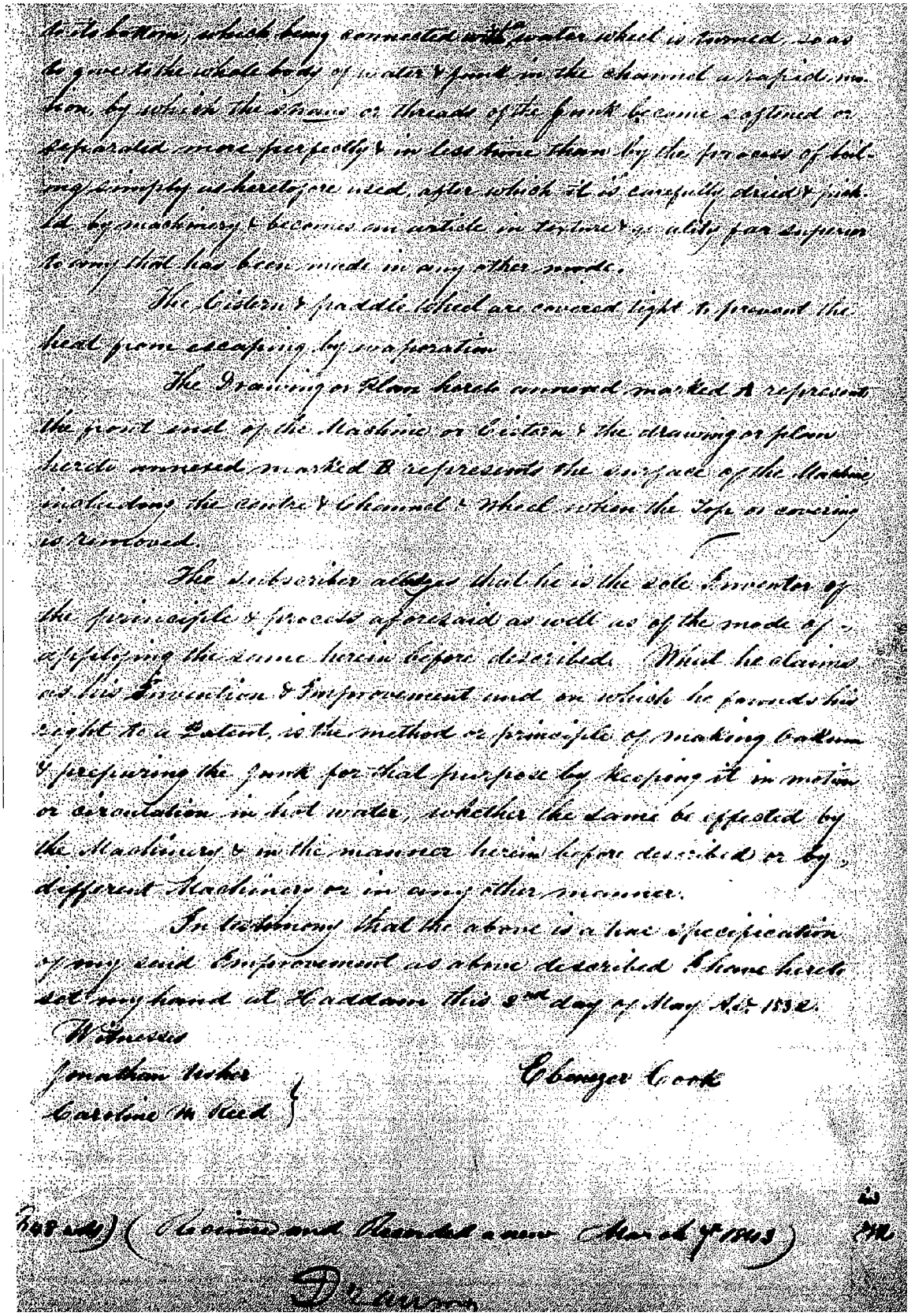
The Schedule referred to in these Letters Patent, and making part of the same, containing a description in the words of the said Ebenezer Cook himself of his Improvement or new manufacturing Salerus from Sand.

I construct a Cistern of plank & timber about twenty feet long & eleven feet wide & five feet deep holding about two hundred Barrels of Water, with the corners rounded inside so as to form an oval or elliptical figure inside for the purpose of keeping the water, I form a deeper pipe commencing at one end where its diameter is about fifteen inches to receive the pure & clear here about 6 inches near a corner & thence close to the bottom the whole length of the Cistern forming a right angle at each corner of the back and back to the front and near the corner opposite to the one where it commences.

I put in a false bottom of boards near but near the pipe extending the whole length & width of the cistern for the purpose of keeping the Salerus & sand from coming in contact with the pipe with small holes bored in the pipe at the upper edge of the water & next on both sides of it.

I then construct a partition in the middle of the Cistern about three feet wide, & twelve feet long of an oval or elliptical form, having the exterior surface equally distant from the inside of the oval Cistern thereby forming a trough or channel for the rapid & easy circulation of the water & Salerus there

In this channel on one side of said partition, I place a paddle wheel about five feet in diameter, with five paddles as long as the channel is wide & extending each



to the bottom, which being connected with a water wheel is turned, so as to give to the whole body of water & sand in the channel a rapid motion, by which the edges or threads of the fork become softened or separated more speedily & in less time than by the former way of boiling simply as heretofore used, after which it is carefully dried & finished by machinery & becomes an article in texture &c. alike for superior to any that has been made in any other mode.

The Cistern & saddle wheel are covered light to prevent the steel from escaping by evaporation.

The Drawing or Plan hereto annexed, marked A represents the front end of the Machine or Cistern & the drawing or plan hereto annexed, marked B represents the ground plan of the Machine, exhibiting the centre & channel & wheel whereon the fork is carried or removed.

The subscriber alledges that he is the sole Inventor of the principle & process aforehand as well as of the mode of effecting the same herein before described. What he claims as his Invention & Improvement and on which he founds his right to a Patent, is the method or principle of making Carbon & preparing the fork for that purpose by keeping it in motion or circulation in hot water, whether the same be effected by the Machinery & in the manner herein before described or by different Machinery or in any other manner.

In testimony that the above is a true specification of my said Improvement as above described I have hereto set my hand at Haddam this 2nd day of May A.D. 1832.

Witnesses
Jonathan Usher
Caroline M Reed

Ebenezer Cook

(Claim and Plan altered & new dated 9th March 1843)

Delivered