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L. Osgood.

Cotton Picker.

Patented Oct. 27, 1835.

Fig. 4.

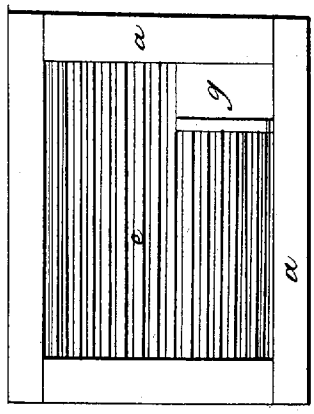


Fig. 3.

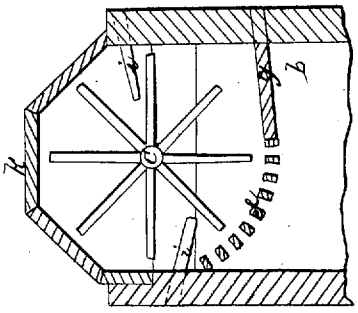


Fig. 2.

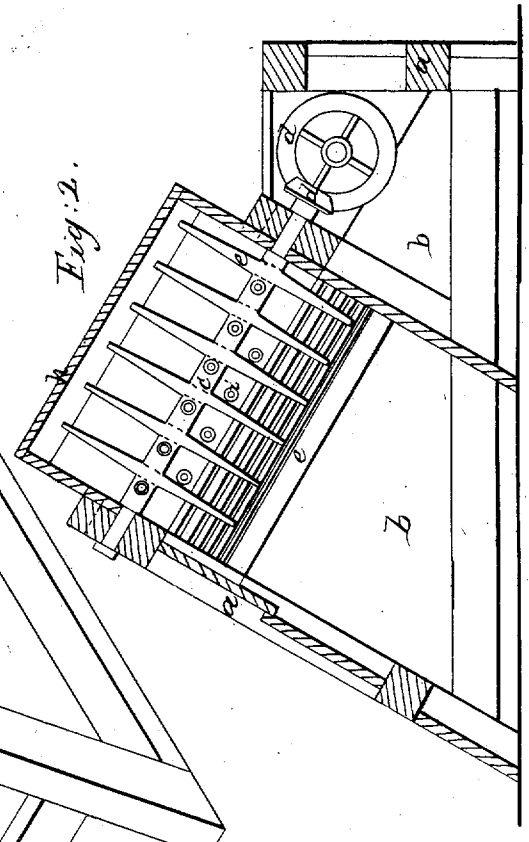
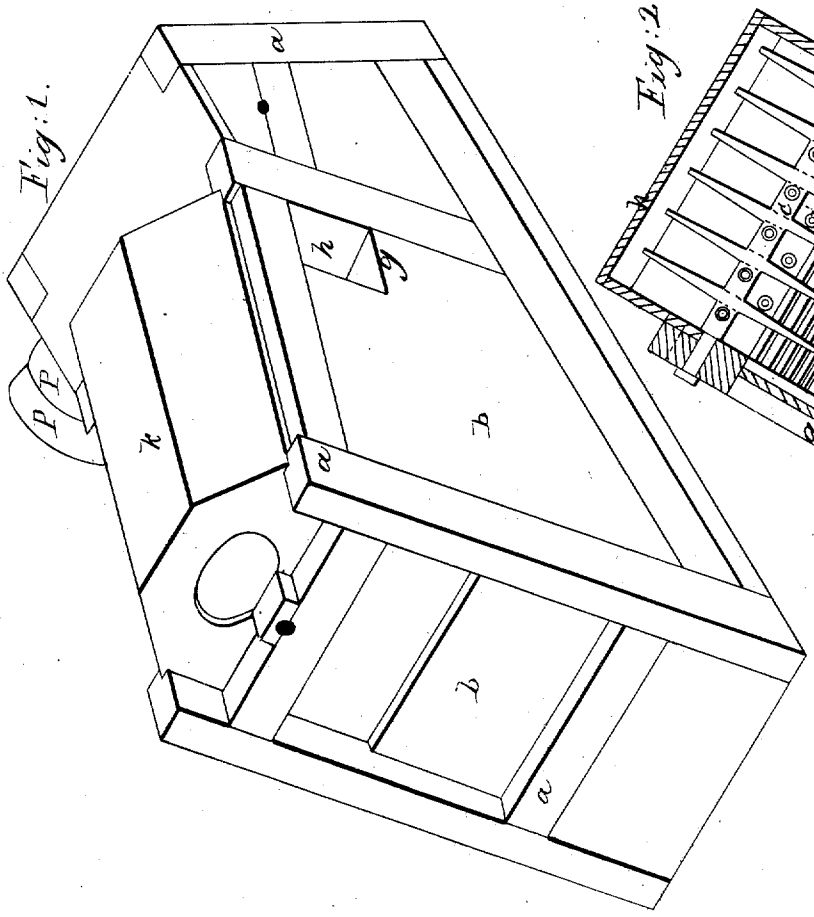


Fig. 1.



N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

Lucian Osgood Pomfret Conn.

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 Lucian Osgood himself of his improvement in the Oblique Cotton Whipper.

To all whom it may concern Be it known that I Lucian Osgood of Pomfret in the County of Windham and State of Connecticut have invented a new and useful improvement in the mode of constructing the machine for whipping cotton which machine so improved I denominate the "Oblique Cotton Whipper" & I do hereby declare that the following is a full and exact description thereof.

Although in its general arrangement my machine resembles [illegible] the improvement mainly depending upon the whipper shaft I have in the accompanying drawings given a view of it as it may be conveniently constructed.

Fig 1st is a perspective view of the interior of the machine: a a being the frame [illegible] of which b is the [illegible] which covers the whippers and can be removed at pleasure. The cotton is fed in through the opening c in the upper end of the [illegible] and escapes at the lower end at the opening d. PP are the fast and loose pulleys which are placed on a horizontal shaft at right angles to the whipper shaft to which it gives motion by means of bevil gearing. Fig 2d is a longitudinal section in which d d is the bevil gearing giving motion to e the whip shaft.

For a machine of ordinary size this shaft may carry twenty one pins of nine inches in length, the shaft being about six feet ten inches in length. The whips shaft I place at an angle of 25° with the horizon but in this point considerable variation may be admitted without materially lessening the advantages derived from its oblique position. There are two rows of stationary pins shown at i i in the transverse section Fig 3. Fig 4 is a horizontal section of the grating

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the bottom of the Vessel being Level at q That I Claim as my Improve=ment and by which the application of the shipping machine for Cotton is facilitated and rendered more effective than heretofore in supplanting the ship's flight of Such machines obliquely so as to form an angle with the hor=izon of Twenty five or Such other number of degrees as may be preferred in other respects

and that I Claim whether the Machine be constructed Exactly in the way herein described or any other calculating to this improvement.

Witness
Chas Stettinius
A. A. Burr

Susan Gyrod

462 ms

(Drawing)