9429X

H. CLARK.

Cotton Gin.

Patented Feb. 25, 1836.

Fig. 2.

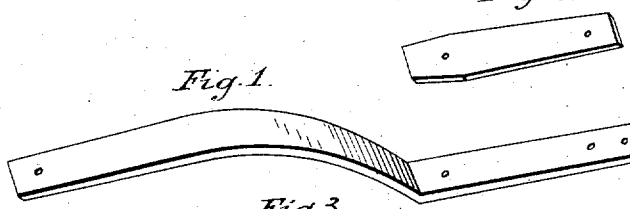


Fig. 1.

Fig. 3.

N. PETERS, Photo-Lithographer, Washington, D. C.

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Henry Clark New London Ct

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 Henry Clark himself of the improvement in the Rib for saw collars &c.

To all to whom these presents shall come: Be it known that I Henry Clark of New London in the County of New London and State of Connecticut have invented a new and useful improvement in the Rib for saw collars &c. and the following is a full and exact description of said improvement. First the Rib is made in two parts viz. by one iron foundation and a face of steel or hardened iron. The latter fastened firmly to the former with rivets screws or otherwise. Fig 1. is the foundation. Fig 2. the face Fig 3. the Rib finished. The length width thickness and shape of the Rib will vary according to the size of the saw and the fancy of the maker as may the face vary in all these respects without affecting my improvement. The superiority of my improved Rib over all others in use is obvious in the following particulars – first the Rib is more perfect. 2d When the face of the Rib becomes worn so as to need repairing it is easily taken off the foundation and a new one put in its place for one fourth the ordinary expences of repairing. 3 & 4. The improved Rib can be afforded at a less price than any other. The manner of making the improved Rib is as follows. Take iron rolled or hammered one half inch wide. by three sixteenths thick and thirteen inches long punch five holes. three of them in the center for fastening the Rib to the saw. the other two for fastening the face on. bend this to the shape desired. this is the foundation. then take the steel or iron rolled one eighth of an inch thick. cut it with a die or shears the shape aforesaid punch two holes to correspond with the holes in the foundation. fasten them together by screws rivets or otherwise in such a manner

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new that the face can be easily taken off the foundation, and a new one put in its stead. harden and polish the face and the Axle is done. That I claim as my own invention and not previously known in the above described Axle is the making it in two parts viz. an iron foundation and a steel or hardened iron face fastened together either with screws rivets or catches so that when the face becoming worn by use or other causes is injured it can easily be detached from the foundation and a new face put in its place. and this is all I claim. heretofore the Axle has been made with an iron foundation and a face of steel welded together. the superiority of my improvement is this. that whenever the face of the Axle by use or other causes becomes worn or injured so as to require repairs or a new face the old face can readily be detached from the foundation and another face put in its stead whereas according to the former method of securing the face to the foundation by welding great difficulty and expense was necessarily incurred in order to remove an old face and replace that or a new one

Witnesses
J. C. Seamans
Wm. P. Blanchard Jr.

Henry Clark

564 lbs

Cl. Sp. V.

Drawing