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Chamberlin & Cleflin,

Hay Press.

Patented Mar. 30, 1836.

Fig. 1.

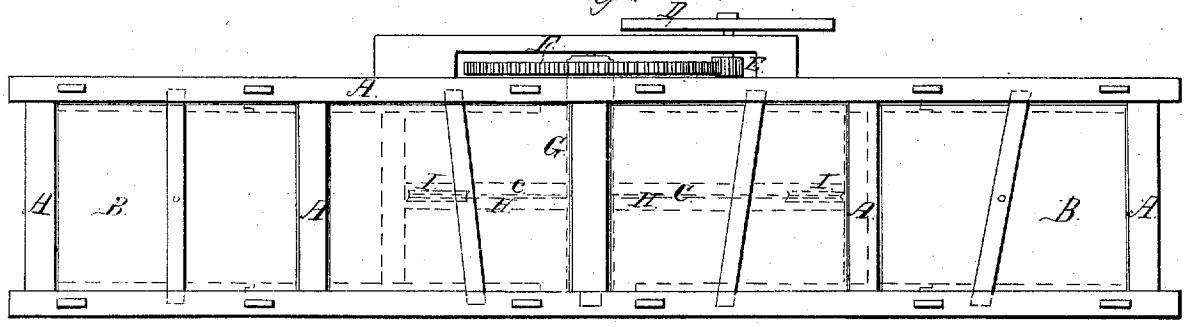


Fig. 2.

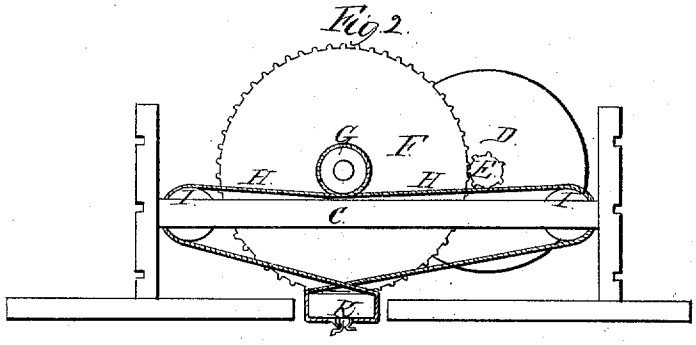
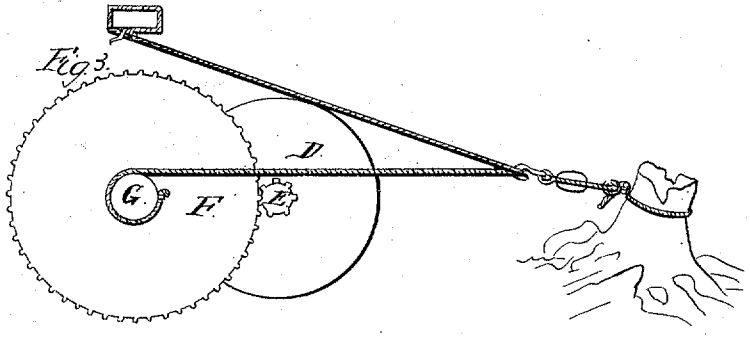


Fig. 3.



A.M. PHOTO-LITHO. CO. N.Y. (OSBORNE'S PROCESS)

9544X

Mar. 30, 1836

Adrastus K. Chamberlain & Artemas Claflin. Richmond, Maine

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 A. K. Chamberlain and Artemas Claflin themselves of their improvement in pressing Hay, Moss &c.

To all to whom these presents shall come. Be it known that Adrastus K. Chamberlain and Artemas Claflin of Richmond in the County of Lincoln and State of Maine, have invented a new and useful improvement in the press for Hay, Moss, Cotton and other materials and for lifting burdens, and that the following is a full and exact description of the construction and operation of the said machine as invented or improved by us.

Reference being made to accompanying drawings. Fig 1. represents the machine as in action for pressing Hay, Cotton, Moss or any other material which it may be desirable to compress into a small compass. A.A. is the frame work which may be made of any required size, say twenty, some feet long five and a half high and three or four feet wide. B.B represents the Boxes into which the Hay or other substance is put in the usual way. There is a box at each end so that one may be filled while the other is pressing. C.C. are the pistons. D. is the wheel to which is applied the power either by crank or by horses when horses or oxen are used. E is a pinion on the shaft of D and moves with it. F is a large cog wheel which mashes into the teeth of the pinion E. G is the shaft of F. around this shaft passes a strong chain H.H. which also passes over friction pullies in each end of the piston rod at I.I. and is made fast to a strong post below at K. - Fig 2. represents the power or combination of powers, discribed of the frame work. Fig 3. represents the application of the same power to the lifting of stumps or other heavy burdens. Mode of operation. In order to use our machine as a press, take off the top of the Boxes, B.B and loosen the substance to be pressed, treading it down hard. When box is filled replace the top & key it down solid by the large Bars running in between it and the top beams of the frame then apply the power at D. The bands &c are disposed in the best manner of pressing such substances. For lifting Stumps or other Burdens. We have a moveable pulley or lockhook which we hook on to the stump or burden and the chain H.H. instead of passing them over the pulleys I.I. on the piston pass them the lockhook on the stump and the end of the chain instead of being fastened below to the beam at K is fastened to a similar beam above. Claims. What We Se

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especially claim as our invention and for which we request an exclusive right is ——
1. The application of the pulley as used by us, for a single or double press, or in the
manner in which we apply and use the chain as above described. 2 The application
and use of our machine to the passing of stamps or other heavy bundles. In testimony
that the above is a true specification of our said improvement as above described we have
hereto set our hands, this twenty third day of December in the year of our Lord 1835.

Witness
Ira L. Ver Brant
W.G. S.W. Dearborn

C. A. R. Chamberlain
Asa May Coffin

(608 words)

Drawing