

A. R. STOUT.
Machines for Repressing Bricks.
 No. 155,474. Patented Sept. 29, 1874.

Fig. 1.

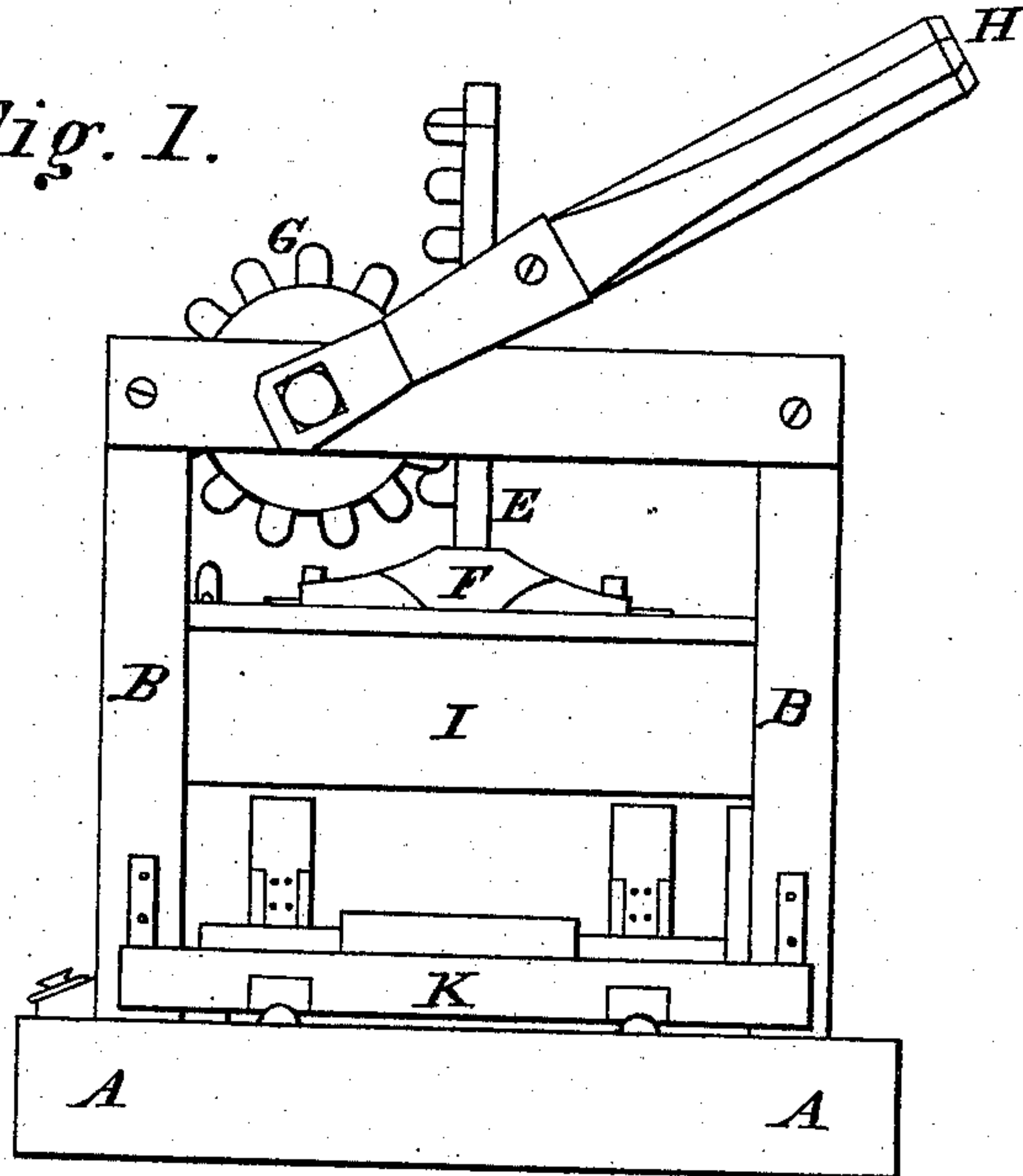
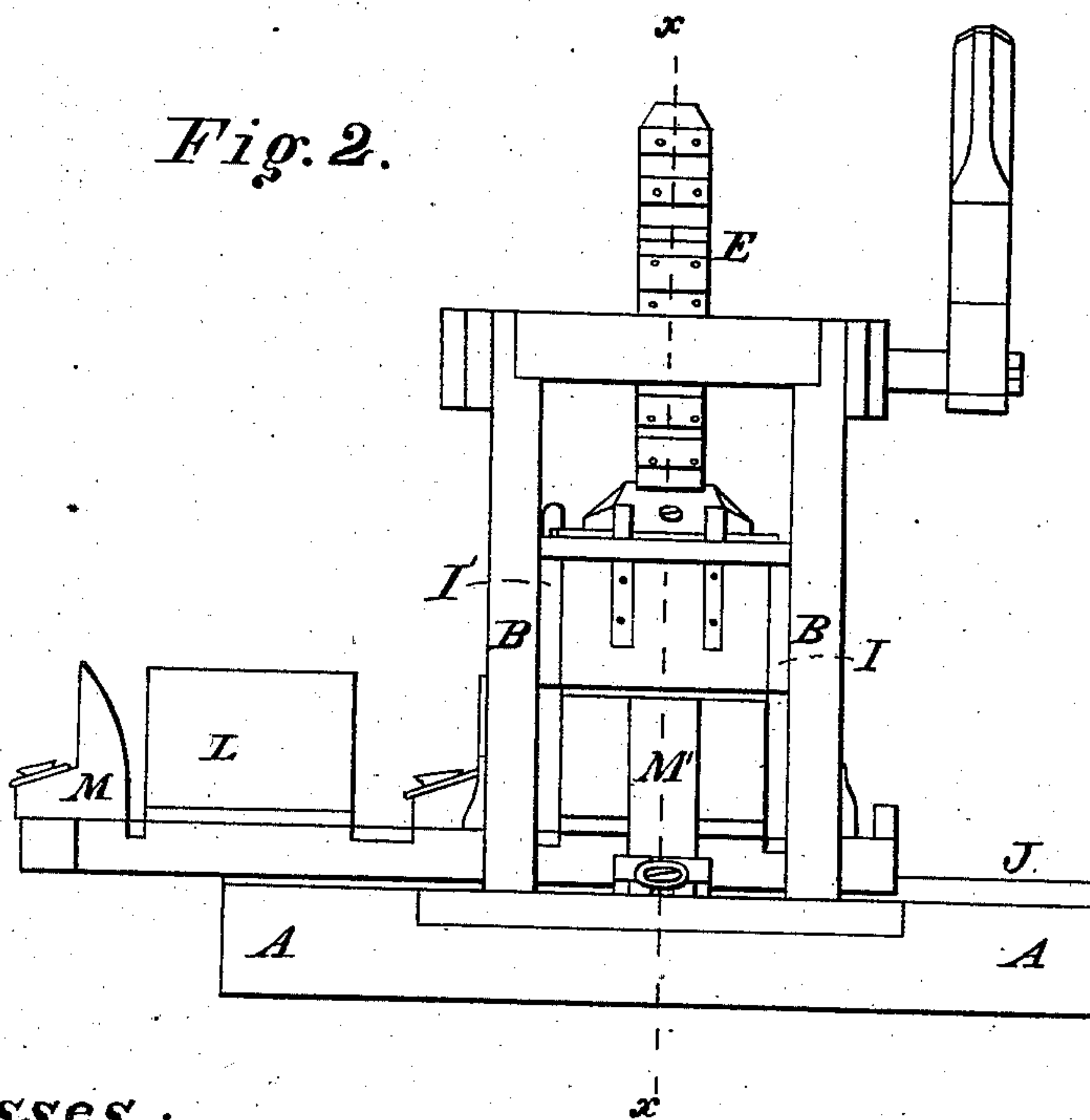


Fig. 2.



Witnesses;

Geo. Mason

E. C. Deemer

Inventor;

Aaron R. Stout

Per
Geo. W. Drayce

Attorney.

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Fig. 3.

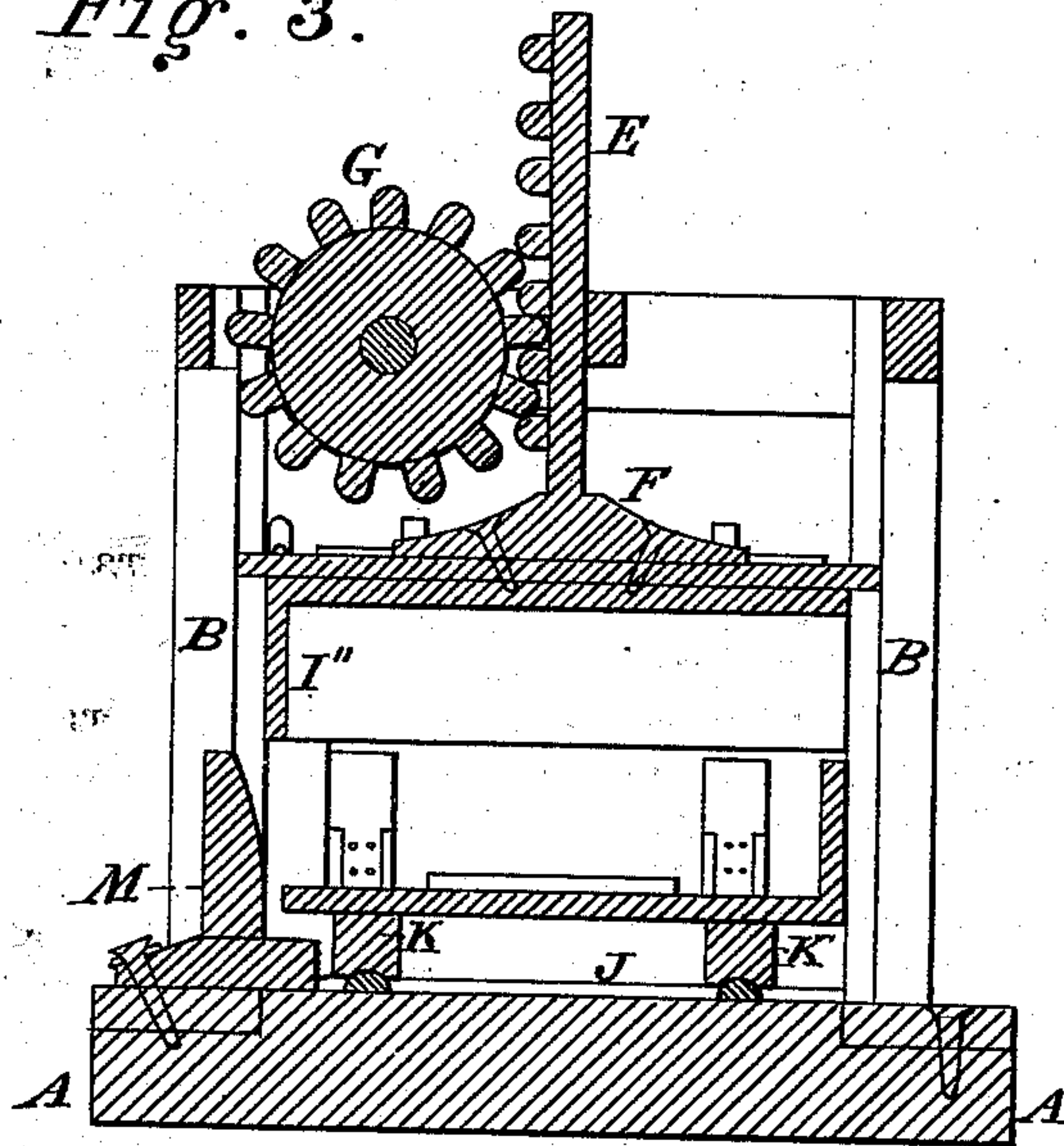
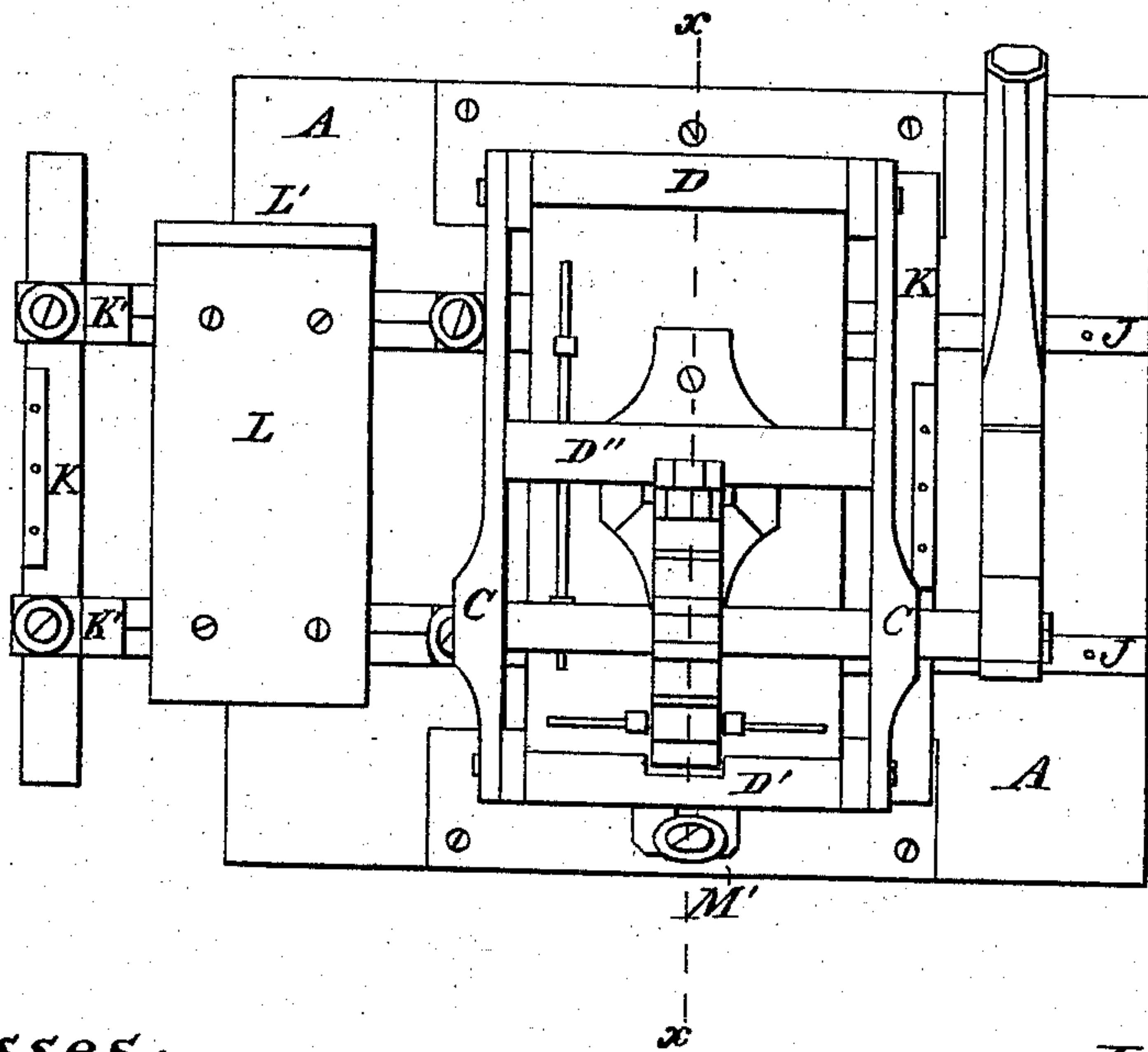


Fig. 4.



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UNITED STATES PATENT OFFICE.

AARON R. STOUT, OF SHAWNEETOWN, ILLINOIS.

IMPROVEMENT IN MACHINES FOR RE-PRESSING BRICK.

Specification forming part of Letters Patent No. 155,474, dated September 29, 1874; application filed May 15, 1874.

To all whom it may concern:

Be it known that I, AARON R. STOUT, of Shawneetown, in the county of Gallatin and State of Illinois, have invented certain new and useful Improvements in Machines for Re-Pressing Bricks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

The object of my invention is to provide a machine for re-pressing bricks, which is more simple in construction, easier to operate, and cheaper in cost of manufacture than any heretofore known or used. My invention consists in certain details, which will be first described and afterward pointed out in the claims.

In order more fully to describe my invention I refer to the accompanying drawing, forming a part of this specification, in which—

Figure I is a front end view, and Fig. II is a view at right angles to Fig. I, and Fig. III is a sectional view through line *x x* of Fig. II, and Fig IV is a plan view.

Like letters refer to like parts.

A A is a platform, on which is a rectangular frame, consisting of uprights B B B B, tied together by side pieces C C, and cross-pieces D D' D''. In one side of D'' is a notch, which serves as a guideway for the rack-bar E, which is connected at its lower end to the platform F of the press. The pinion-wheel G gears into the rack-bar, and by means of the lever H serves to raise and lower the press. The press works in the grooves cut in the uprights B, &c. On the under side of the platform F of the press are three pendent wings, two at the sides I and I', and one at the end I''. The side I is rigidly attached to the platform P of the press, while the opposite side I' and the end I'' are attached by hinges. Under the press, and on the trackways J J, which are attached to the platform A A, is a carriage, consisting of a frame, having the end pieces K K and side

pieces K' K'. On the side pieces K' K' are brick-receivers, having parts L and L', which are attached by screws or otherwise, and on which the bricks to be pressed are placed. As many of these brick-receivers as may be desired are used, preferably two. On each side of these brick-receivers the side pieces K' K' are beveled or mitered off to prevent the accumulation of mortar thereon. The pendent part of the press fits over a brick-receiver and a brick placed thereon. The hinged side I' and end I'' swing outward, and the press in its descent incloses the brick placed on the receiver. In order that the side I' and the end I'' of the press may be closed up tightly, there is attached to the sides K' K' of the carriage the cams M M to close the side I', and a cam, M', is placed on the platform A A in such a position as to close the end I'' as the press is forced down by the lever H.

The machine is operated as follows: The press is raised by the lever, and the carriage, with a brick-receiver, having a brick placed thereon, is placed in position, when the press is brought down by a reverse motion of the lever inclosing and pressing the brick. At the same time another brick is placed upon a receiver not under the press, and as soon as the press has been raised the carriage is run back upon the trackway, and this brick brought into position for pressing. The pressed brick is then removed and another placed on the receiver ready for pressing, while the second is being pressed. Thus the carriage is run backward and forward, and the receivers loaded and unloaded as the press works up and down.

The carriage may be so constructed that it can be operated automatically by the lever H.

Having thus fully described my invention, I claim—

1. The pendent press, consisting of upright E, platform F, pendent side I, pendent hinged side I', and pendent hinged end I'', as and for the purpose described.

2. The pendent press, in combination with the pinion-wheel G, brick-receiver L L',

and cams M M, as and for the purpose described.

3. The combination of the platform A, having the cam M', and carriage K', having the brick-receiver L L', and the pendent plunger, as and for the purpose described.

4. The combination of the platform A, having cam M', and carriage K', having brick-receiver L L', and pendent plunger, and pin-

ion-wheel G and lever H, as and for the purpose described.

In testimony that I claim the foregoing I have hereunto set my hand this 12th day of May, 1874.

AARON R. STOUT.

Witnesses:

J. MCKEE PEEPLES,

A. G. RICHESON.