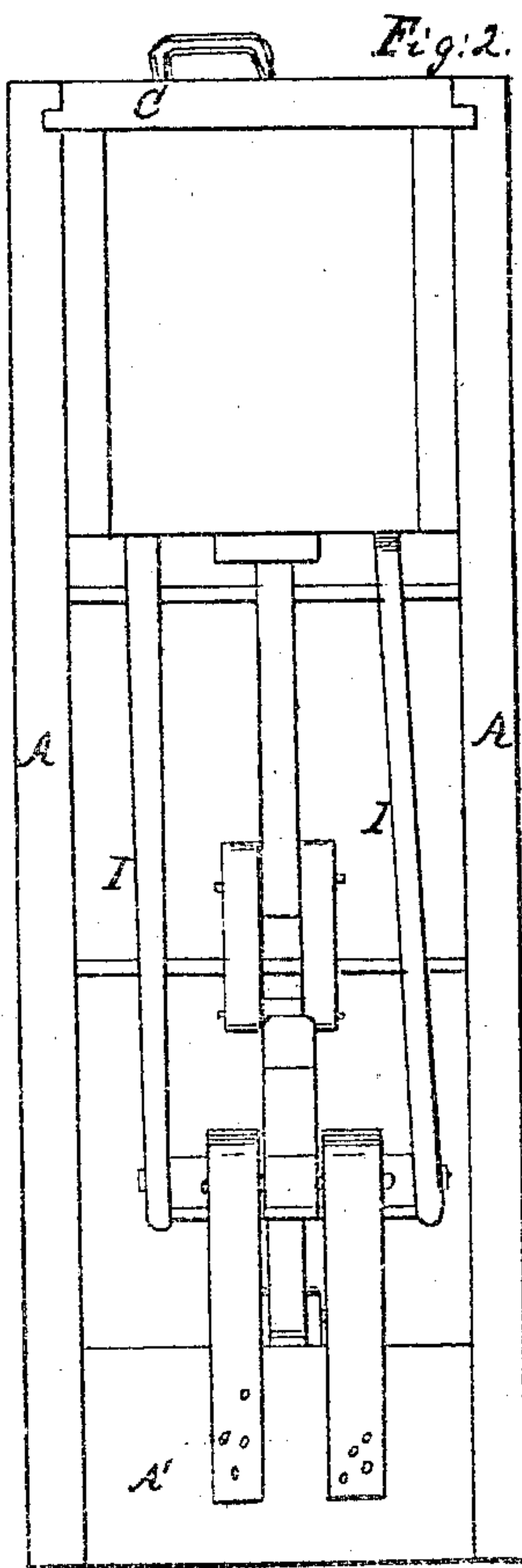
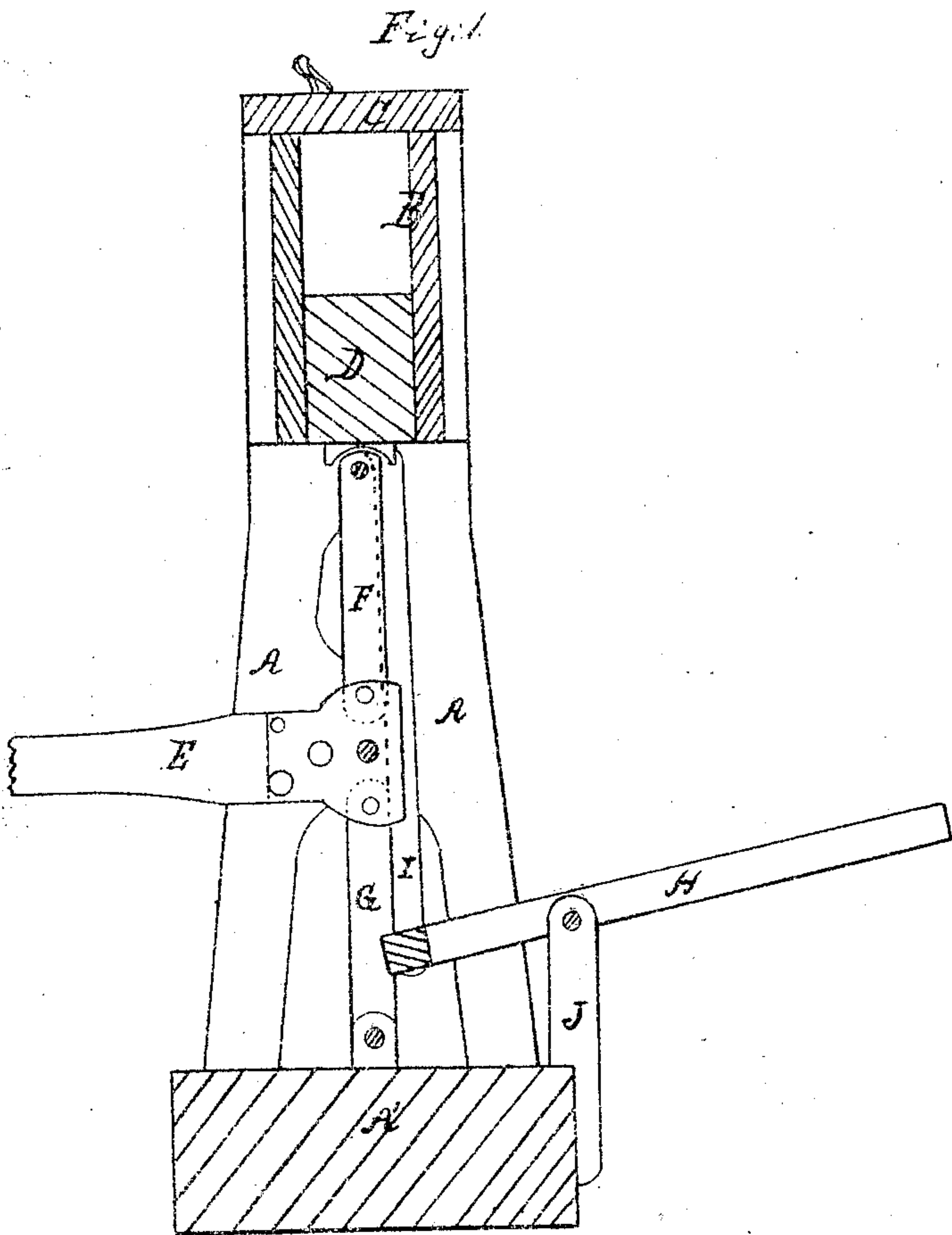


O. L. Jordan.

Concrete Building-Block Press.

N^o 73610

Patented Jan. 21, 1868.



Witnesses.

A. A. Yeatman
A. O. Marr

Inventor.

O. L. Jordan
per
Alexander Mason
att

United States Patent Office.

ORLAN L. JORDAN, OF DOWAGIAC, MICHIGAN.

Letters Patent No. 73,610, dated January 21, 1868.

IMPROVED CONCRETE BUILDING-BLOCK PRESS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, ORLAN L. JORDAN, of Dowagiac, in the county of Cass, and in the State of Michigan, have invented certain new and useful Improvements in Press for Pressing Concrete Building-Block and Brick; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

In the annexed drawings, making part of this specification, A A represent an upright metallic frame, with a press-box, B, secured fast in its upper end. C represents the cover to this press-box, which slides in grooves in the frame, as seen, Figure 2. D represents a follower, which fits in the press-box, passing in from its under side. This follower operates upward, pressing the clay against the cover C. G represents a bar, which is pivoted at one end between two ears on the bottom or base, A', of the frame, and at the other end to a lever, E. F represents a bar, one end of which is pivoted to the lever E, the other end resting under the follower of the press-box. The lever E, operating with and between the bars G and F, forms a toggle-joint lever, from which great power may be derived. Two arms, I I, connect at one end with the follower D, and at their other with one end of a lever, H. These arms, I I, serve, with lever H, to throw the follower up, and discharge the block or brick from the press-box.

In using this machine, the cover C being removed, the material of which the block is to be formed is placed in the press-box B. The cover is then replaced, and the operator, bearing down the outer end of lever E, raises the follower D sufficiently to compress the material in the box into a solid mass. As soon as this has been done, the cover C is again removed, and the block is thrown up, so as to be easily removed by means of the arms I and lever H.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination of the frame A with box B, bars G F, lever E, follower D, bars I I, and lever H, the whole being constructed, arranged, and operating in the manner substantially as and for the purposes set forth.

In testimony that I claim the foregoing, I have hereunto set my hand, this 13th day of August, 1867.

ORLAN L. JORDAN.

Witnesses:

ABRAM FREEMAN,

JOSEPH N. DEMPSEY.