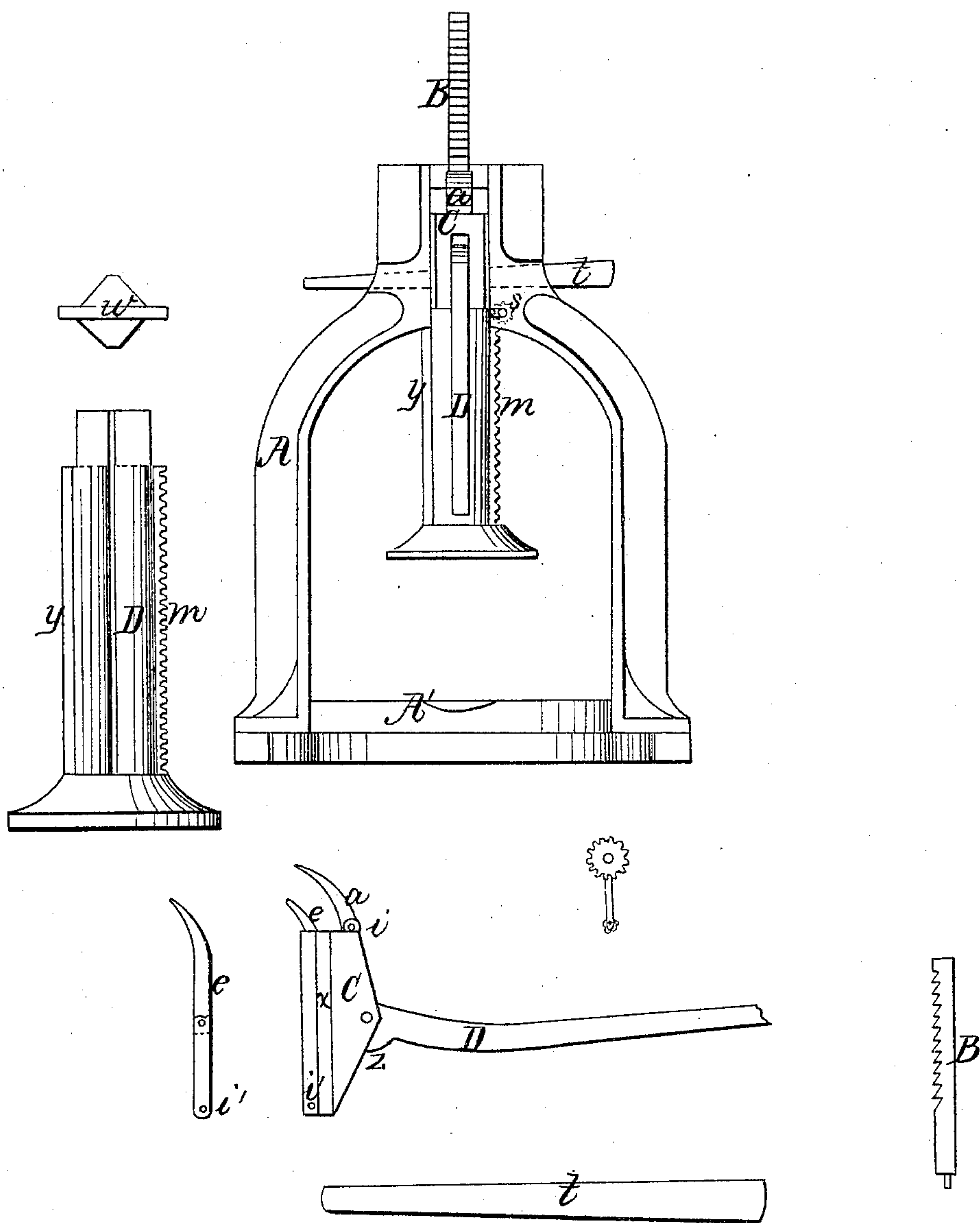


H.B. Barber,
Cotton Press,
No 65,464, Patented June 4, 1867.



Witnesses;
Amman
V.D. Strickland

Inventor;
H.B. Barber
Alexander Mason
Attg.

United States Patent Office.

HENRY B. BARBER, OF SCOTT, NEW YORK.

Letters Patent No. 65,464, dated June 4, 1867.

IMPROVEMENT IN PRESSES.

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, HENRY B. BARBER, of Scott, in the county of Courtland, and in the State of New York, have invented certain new and useful improvements in Presses; 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, making a part of this specification.

In the annexed drawings, A represents the frame of the press, having a suitable base, A', upon which the article to be pressed is placed. The top of the press is contracted as shown, and is provided with a vertical rack-bar, B, which extends above the top of frame A. At the contracted portion of the frame is left an opening, with grooves formed upon the inside. Into this opening is placed the metallic slide C, which has ribs *x x* on each side for the purpose of fitting into the grooves in the frame. This plate has a jointed pawl, *e*, pivoted to the lower part of its inner face, where there is an opening made for the insertion of this pawl, and has also a pawl, *a*, pivoted (*i*) to its upper part. D represents an eccentric-lever, secured between the ears on the front of the plate, and which operates the press. Secured in the groove beneath the sliding-plate C is the follower D, which has a rib, *g*, on one side, and a rack-bar, *m*, on its other. At the lower part of this opening is inserted a small shaft, with a cog-wheel, *s*, facing in the groove, by which means the follower is raised after being depressed by the lever and sliding-plate C. After the follower is pressed sufficiently to suit the article placed beneath it, a wedge, *t*, may be driven through an opening in the press frame, and a groove, *w*, in the top of the follower, to hold the follower and keep the article under the press, when the sliding-plate C and lever may be withdrawn from the frame, and ready for use upon another press.

This invention may be of either a double or single form, and used for pressing anything desired. It will be seen that the cam *z* pressing against the jointed pawl will release it from the rack-bar B, so that the plate can be slipped out of the grooves.

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

The sliding-plate C, with its pawls *a e*, and eccentric-lever D, when used in combination with the rack-bar B and follower D and frame, substantially in the manner and for the purposes set forth.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 15th day of March, 1867.

HENRY B. BARBER.

Witnesses:

C. H. MARR,
A. H. CUTLER