

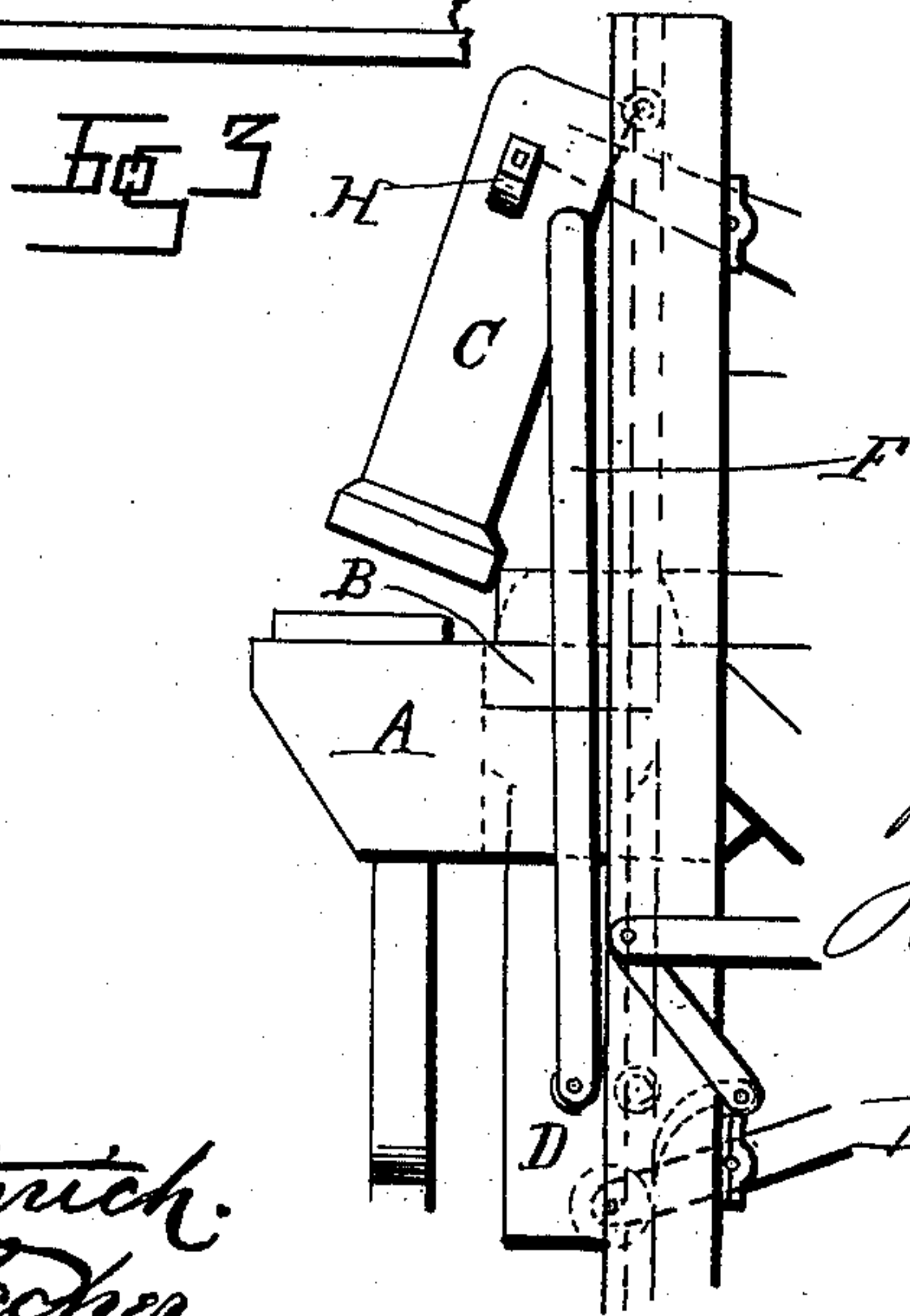
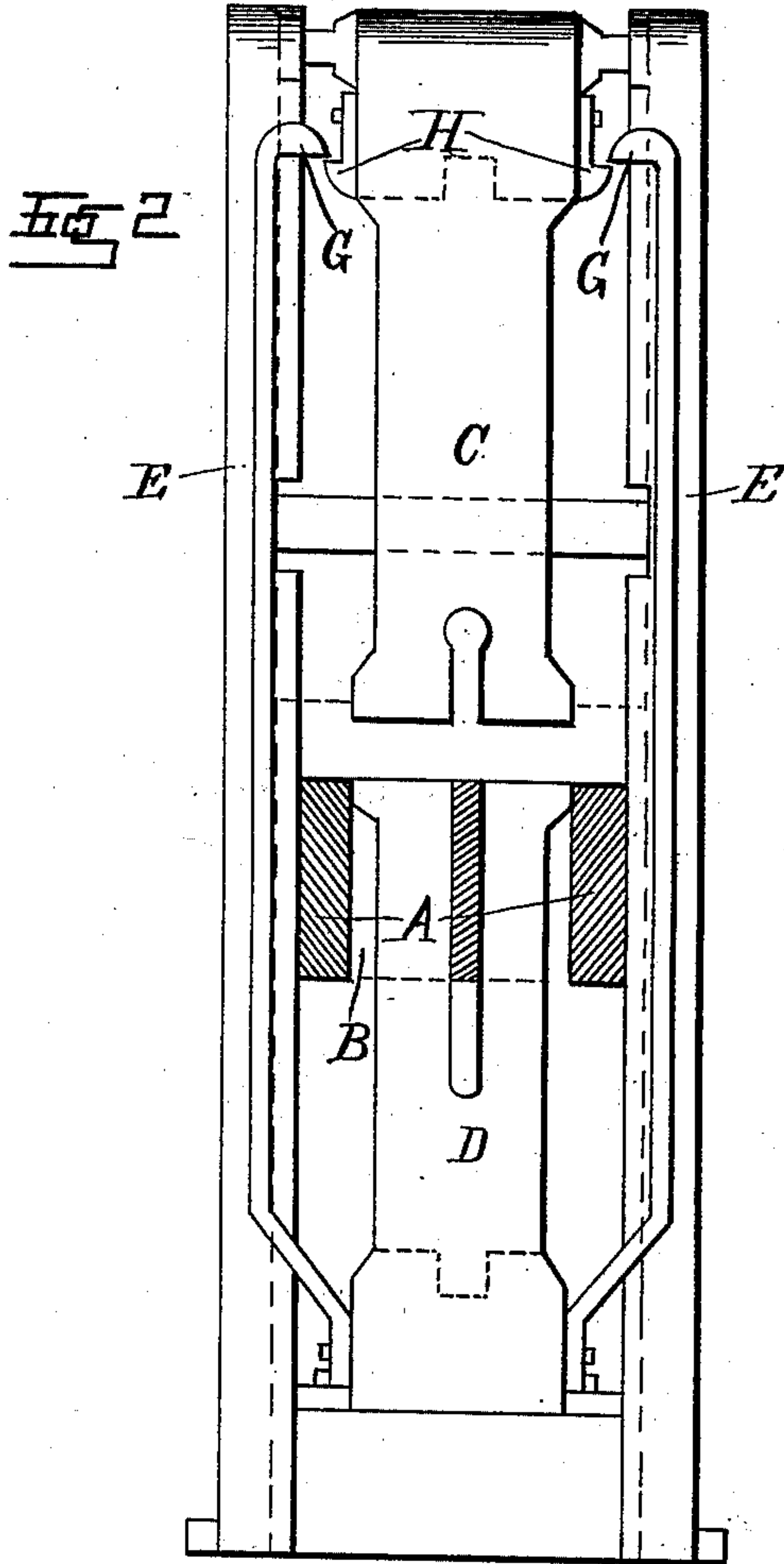
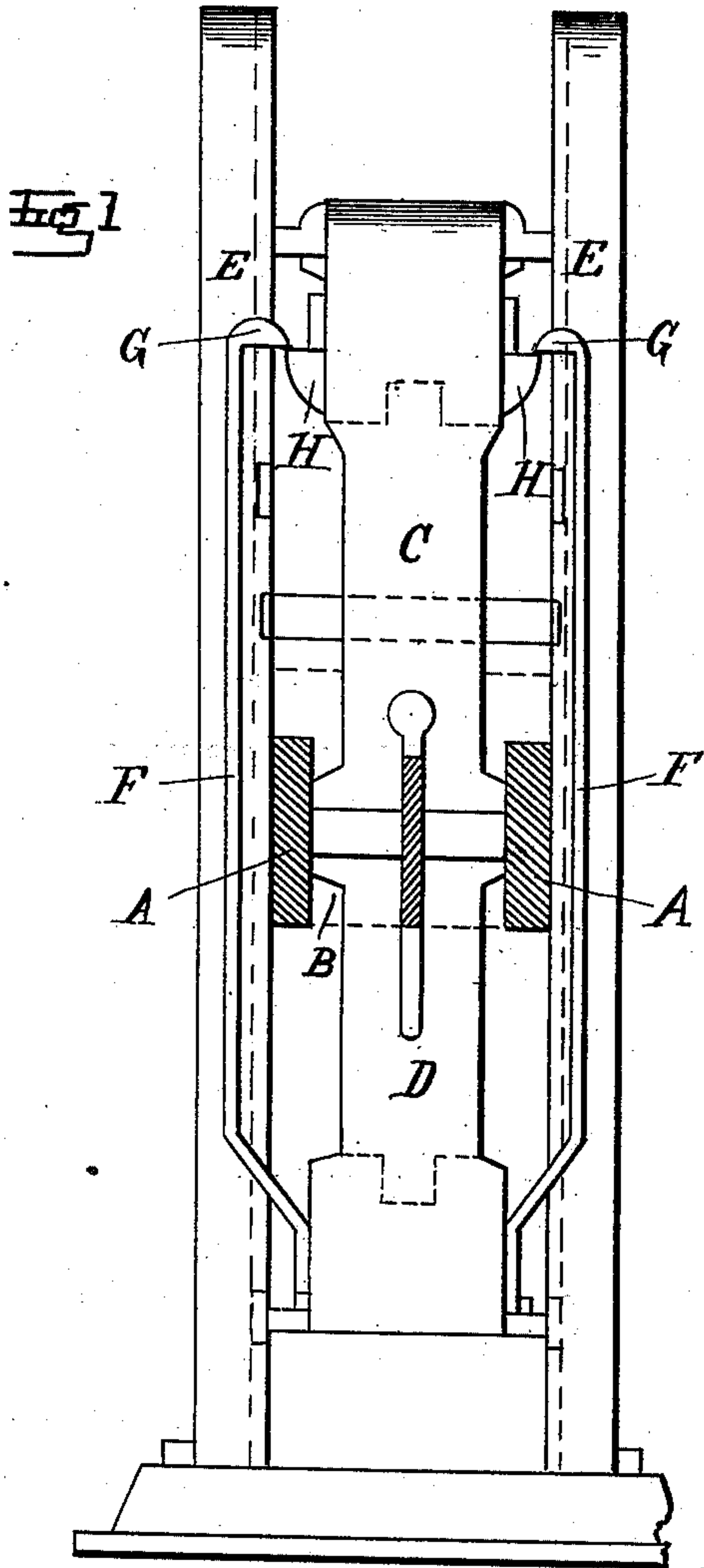
(No Model.)

H. C. BARKER.

BRICK MACHINE.

No. 300,556.

Patented June 17, 1884.



WITNESSES:

Fred. G. Duterich
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HENRY C. BARKER, OF SEDALIA, MISSOURI.

BRICK-MACHINE.

SPECIFICATION forming part of Letters Patent No. 300,556, dated June 17, 1884.

Application filed July 14, 1883. (No model.)

To all whom it may concern:

Be it known that I, HENRY C. BARKER, a citizen of the United States, and a resident of Sedalia, in the county of Pettis and State of Missouri, have invented certain new and useful Improvements in Brick-Machines; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a front view of a brick-machine provided with my improvement, showing the two presser-blocks pressed together. Fig. 2 is a similar view of the blocks raised, and Fig. 3 is a side view of the front part of the machine with the upper block raised and thrown out by the feeder.

Similar letters of reference indicate corresponding parts in all the figures.

My invention contemplates certain improvements upon the brick-machine for which Letters Patent No. 274,700 were granted to me on the 27th day of March, 1883; and it consists in the improved construction and combination of parts of the presser-blocks, as hereinafter more fully described and claimed.

In the accompanying drawings, the letter A indicates the table of the machine, B the mold or recess in the same, and C and D the upper and lower presser-blocks sliding in the guides E, all of which parts are shown and described in the above-mentioned patent, and need no further explanation. Two rods, F, extend vertically upward from both sides of the lower

presser-block, and form hooks or catches G, bent inward and beveled at their upper sides upon their upper ends, which rods have a certain amount of elasticity, which allows them, when the presser-blocks are brought together, pressing the brick, to catch over two lugs, H, beveled upon their under sides and fastened upon the sides of the upper block.

It will now be seen that when the presser-blocks move toward each other, forming the brick, the hooks will engage the lugs, and as the upper block is raised it will raise the lower block with it, lifting the brick to have its under side flush with the surface of the table, when the feeder passes forward, pushing the brick ahead of it, and tilting the upper plunger or block out at its lower end, which will slide the lugs upon the sides of the same from under the catches, allowing the lower plunger to drop and the mold to be filled.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

The combination of the upper swinging plunger having the laterally-projecting lugs upon its sides, with the lower plunger having the upwardly-projecting catches engaging the lugs, as and for the purpose shown and set forth.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

HENRY C. BARKER.

Witnesses:

WILLIAM DEUGOLESKY,
V. E. SHAW.