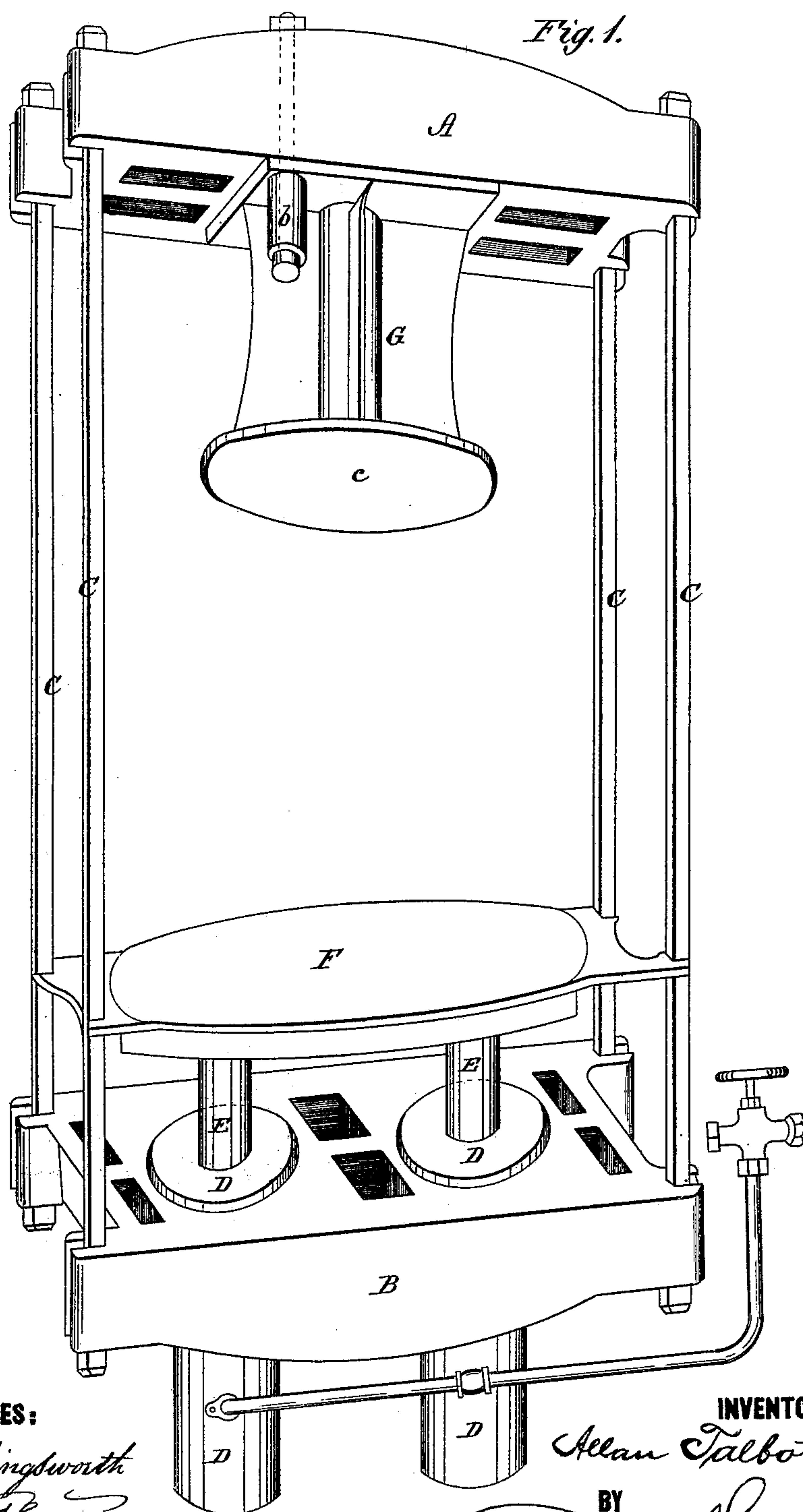


A. TALBOTT.
TOBACCO AND COTTON PRESS.

No. 188,693.

Patented March 20, 1877.



WITNESSES:

W. W. Hollingsworth
Amos W. Hart

INVENTOR:

Allen Talbott

BY

Henry T. Co.

ATTORNEYS.

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Fig. 2.

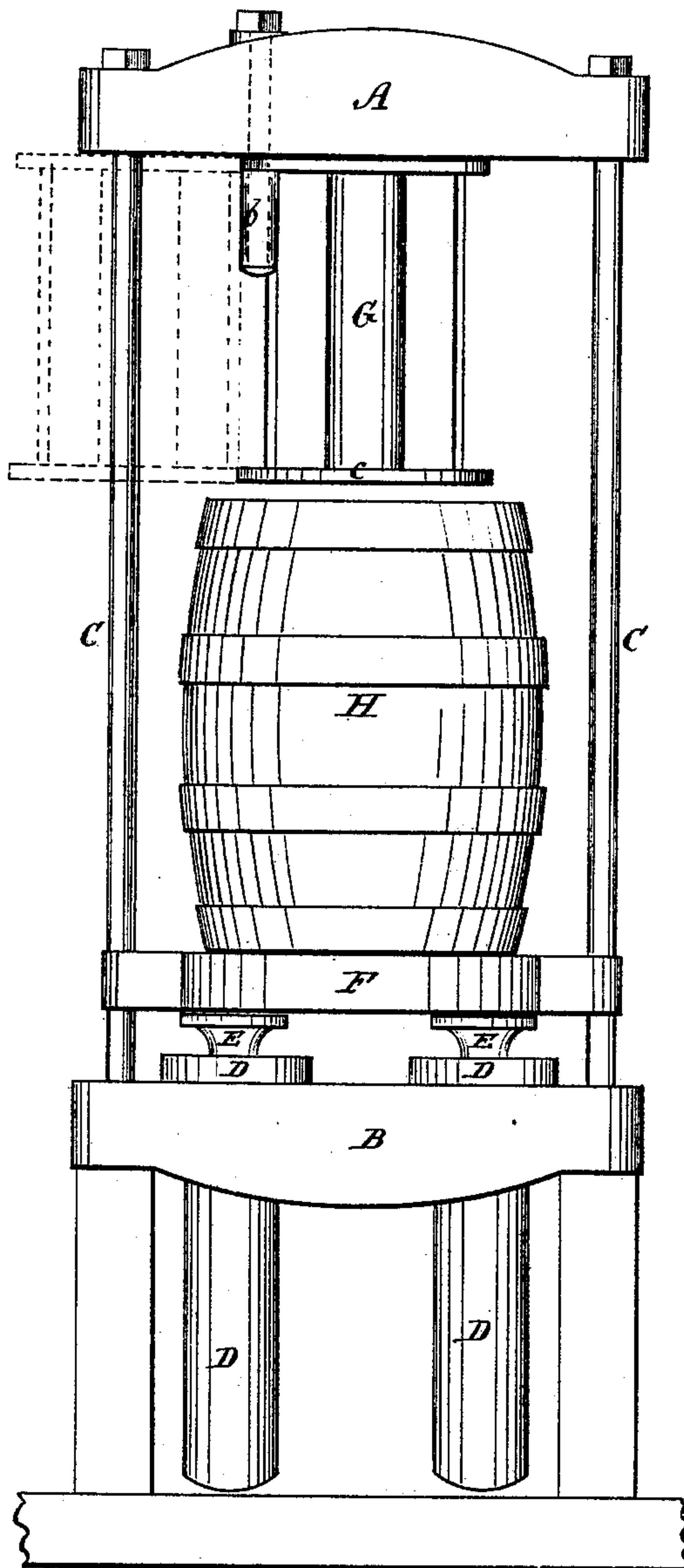
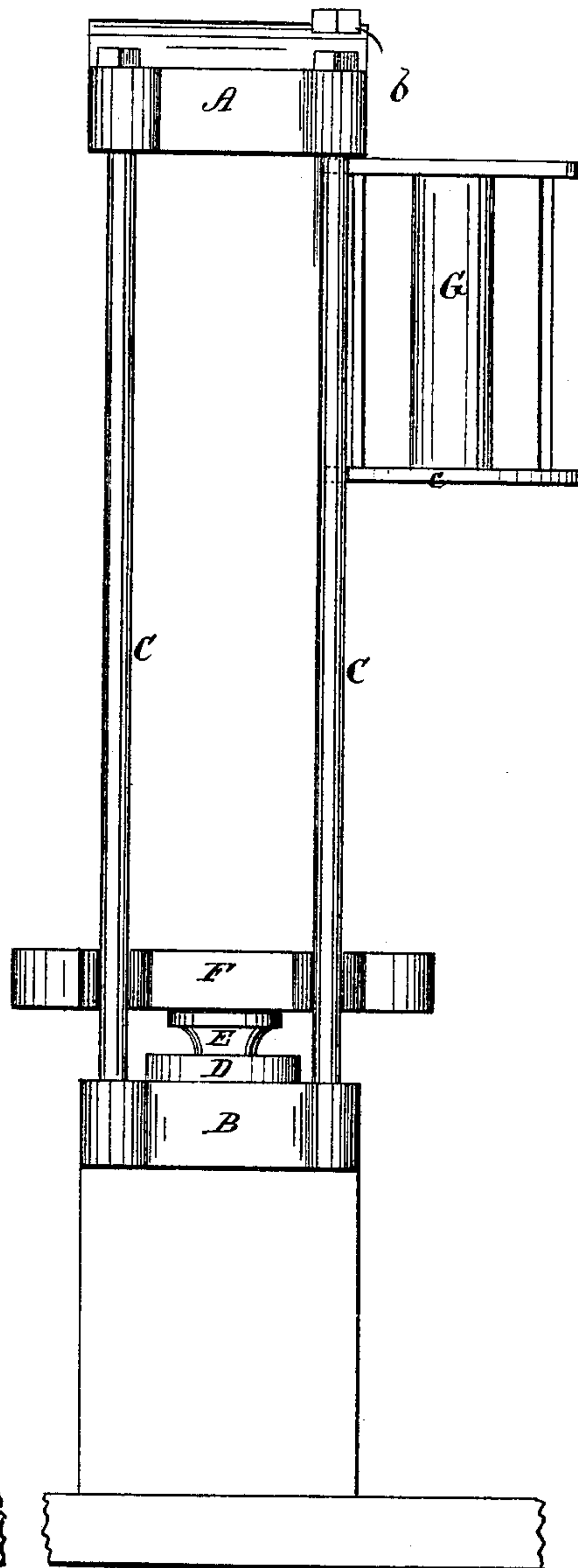


Fig. 3.



WITNESSES:

W. W. Hollingsworth
A. W. Hart.

INVENTOR:

Allan Talbott.

BY

Samuel T. G.

ATTORNEYS.

UNITED STATES PATENT OFFICE.

ALLAN TALBOTT, OF RICHMOND, VIRGINIA.

IMPROVEMENT IN TOBACCO AND COTTON PRESSES.

Specification forming part of Letters Patent No. **188,693**, dated March 20, 1877; application filed February 21, 1877.

To all whom it may concern:

Be it known that I, ALLAN TALBOTT, of Richmond, in the county of Henrico and State of Virginia, have invented a new and useful Improvement in Tobacco-Presses; and I do hereby declare that the following is a full, clear, and exact description of the same.

The invention has for its object to enable the operation of compressing tobacco in tierces, hogsheads, barrels, boxes, or packages, to be effected with greater convenience and celerity than heretofore. The invention is an improvement in that class of presses having a swinging follower. The special feature of the invention is a plunger pivoted to and beneath the immovable head of a hydrostatic or other form of press, in such manner that while it is fixed in position as relates to the reciprocating follower, it may be turned or swung out from under the head of the press in order to facilitate filling the tierce, hogshead, or other form of receptacle, preliminary to the compressing operation.

The accompanying drawing, forming part of this specification, shows in Figure 1 a perspective view of a hydrostatic press with my improvement attached. Figs. 2 and 3 are, respectively, side and end elevations of the press.

A and B indicate, respectively, the fixed head and base of a hydrostatic press, the same being connected by vertical corner posts or pillars C, in the usual manner. D D are the cylinders; E E, the pistons, and F the vertically-operating follower, which is suitably attached to the pistons, and guided by the posts C in its up-and-down movement.

The feature of the invention is the plunger G, which is pivoted on a stud, *b*, projecting from the head A, and is thus adapted to be swung to one side, as shown in dotted lines, for the purpose of leaving a free or unobstructed space above the tierce or hogshead H, thus enabling it to be conveniently filled with tobacco or other substance. The plunger

is suitably constructed to secure maximum strength with minimum weight, and provided with a circular head, *c*.

The pressing operation proceeds as follows: The tierce or hogshead H is placed on the follower F, and the plunger G turned aside, as shown by dotted lines, Fig. 2. The tierce or hogshead is then filled, and the plunger swung back under the head A of the press, to the position indicated in full lines, Fig. 2. The follower is then forced up, the plunger G enters the tierce or hogshead, and compresses the tobacco from one-eighth to one-fourth its original bulk, or as much as may be required. The follower is then lowered, and again the plunger G swung back, the tierce or hogshead filled, and the plunger G swung back in position to repeat the operation.

The plunger may be applied to various kinds and forms of presses.

The invention has these advantages: First, a free and unobstructed space is afforded over the hogshead for filling the same; second, it is hence not necessary to remove the hogshead from its position for the purpose of filling it; third, it is unnecessary to place blocks or other devices upon the tobacco in the hogshead, as accessories in the pressing operation; fourth, an economy is effected both in the time and labor required to perform the pressing operation.

What I claim is—

In combination, with the movable follower and the frame of the press, the plunger G pivoted to and beneath the head of the press, whereby it is adapted to be swung under said head for co-operating with the follower in the pressing operation, and to be swung out to facilitate filling the hogshead, as shown and described.

ALLAN TALBOTT.

Witnesses:

MARCELLUS SMITH,
CHAS. H. TALBOTT.