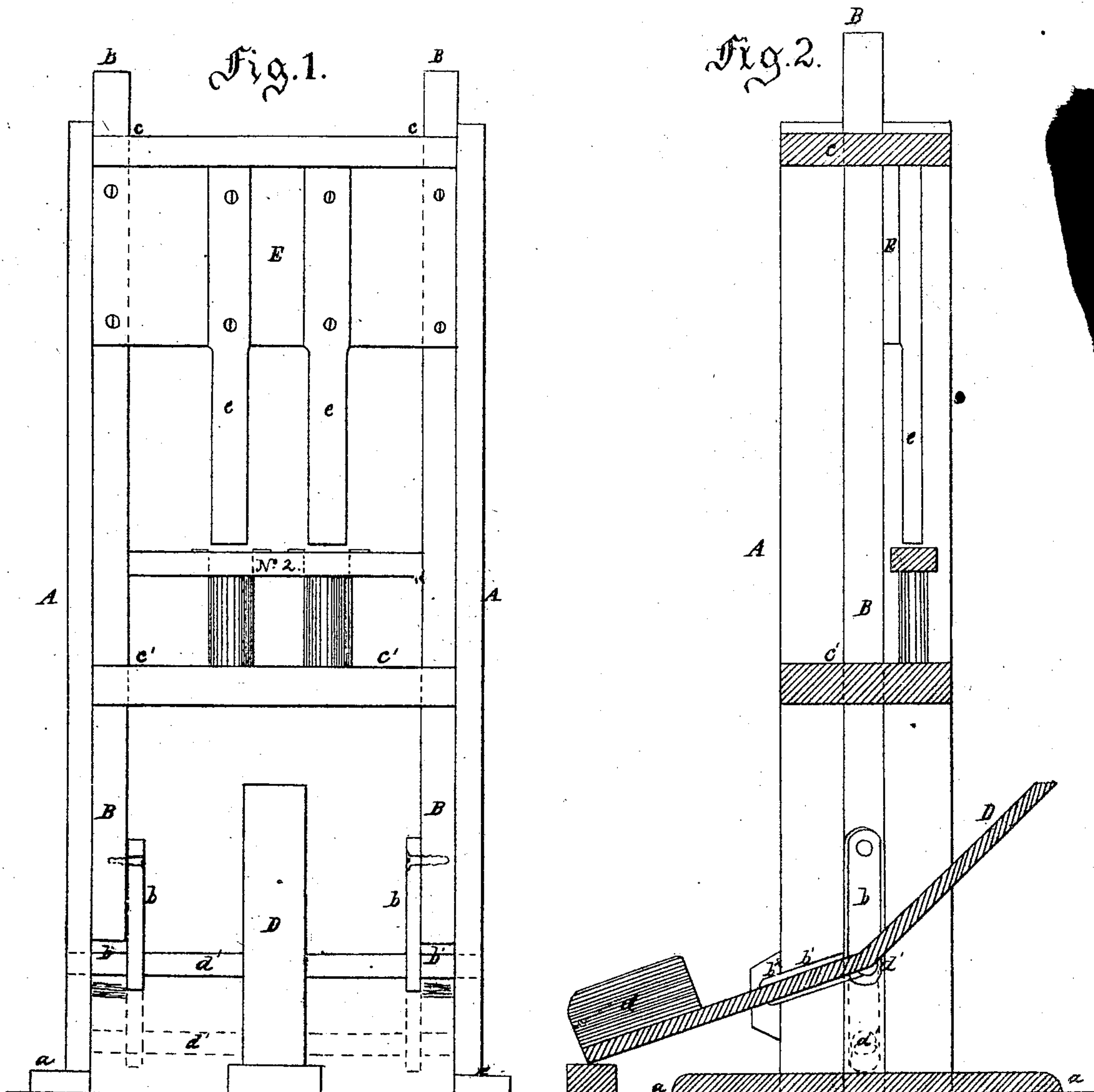


*D C Mayo*  
*Packing Shred Tobacco*  
*Nº 75038*      *Patented Mar. 3, 1868*

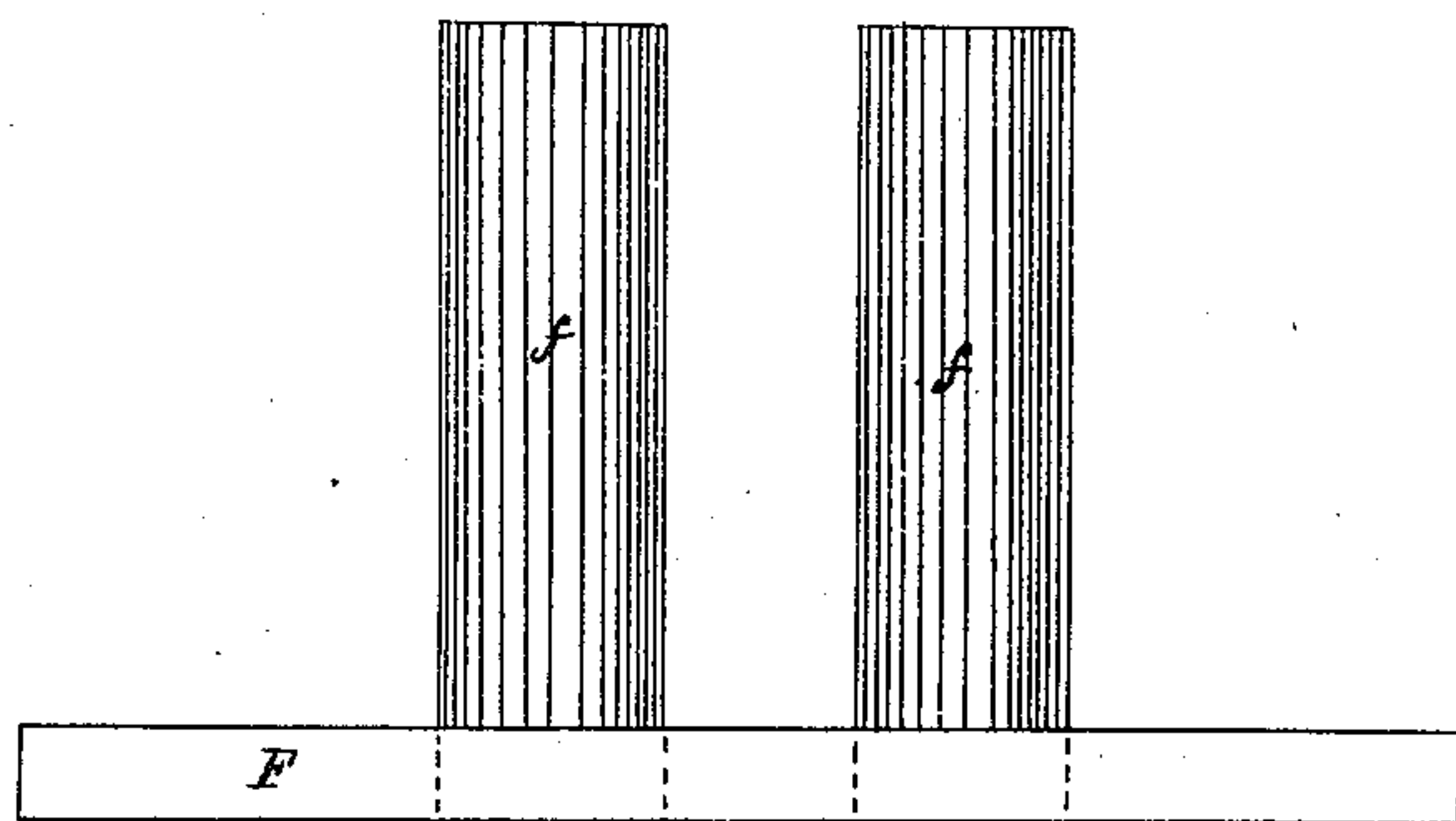


Witnesses:  
*H. A. Hall*  
*J. H. Heron*

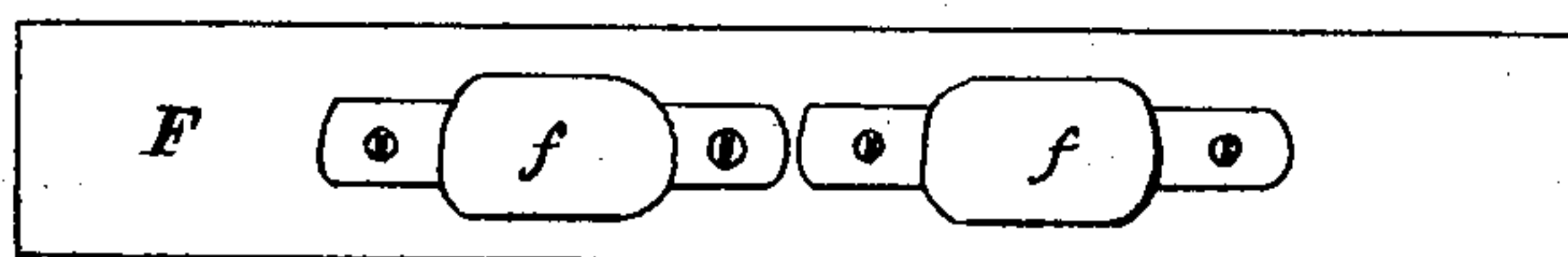
Inventor  
*David C. Mayo*

*D C Mayo*  
*Packing Shred Tobacco*  
*No. 75038* *Patented March 3, 1868*

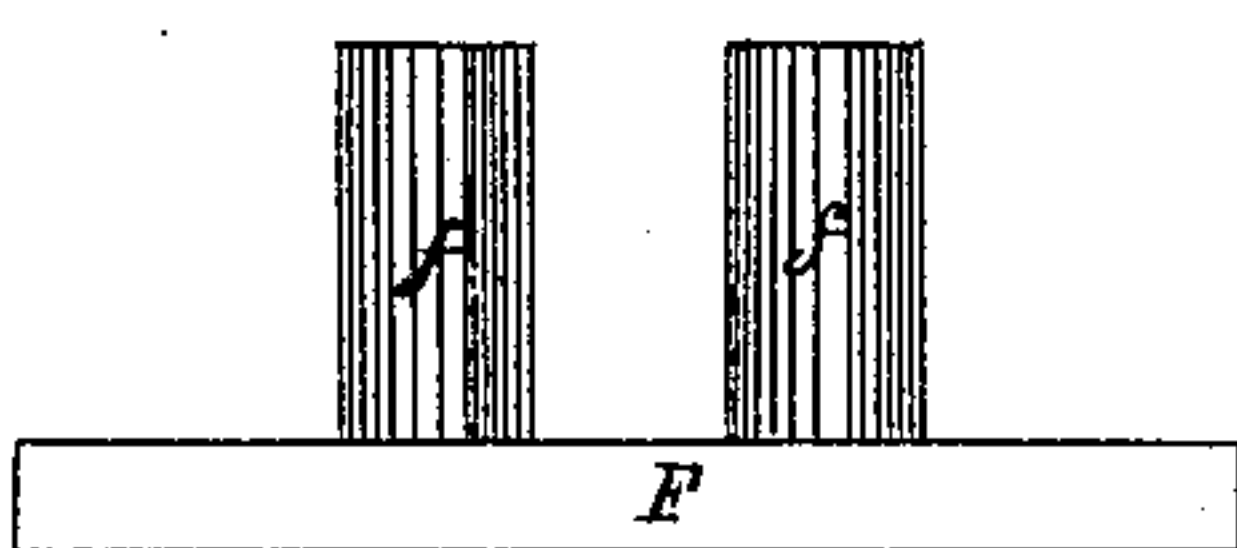
*Fig. 3.*



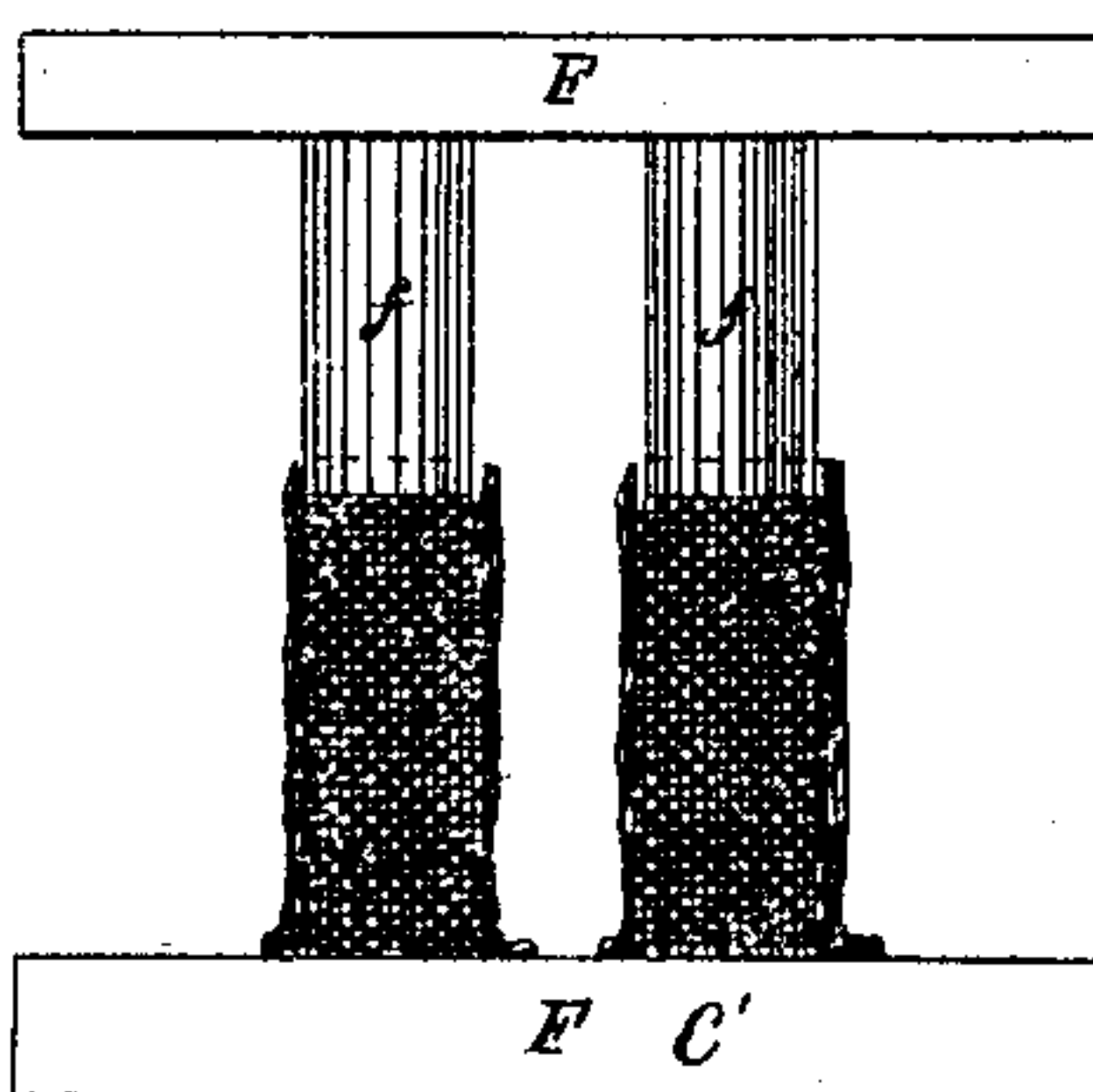
*Fig. 4.*



*Nº 1.*



*Fig. 5.*



*Nº 2*

Witnesses  
*H. A. Hall*  
*J. H. Heron.*

Inventor  
*David C. Mayo*

# United States Patent Office.

DAVID C. MAYO, OF RICHMOND, VIRGINIA.

*Letters Patent No. 75,038, dated March 3, 1868.*

## IMPROVEMENT IN PRESSES FOR PACKING SHRED TOBACCO.

*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, DAVID C. MAYO, of Richmond, Henrico county, State of Virginia, have invented a new and useful Improvement in Presses for Packing Shred Tobacco; and I do hereby declare the following to be a full and clear description of the same, reference being made to the accompanying drawings, and letters of reference thereon.

Figure 1 is a front elevation.

Figure 2 is a vertical transverse section.

Figure 3 is an elevation of the filling-tubes.

Figure 4 is a view of the top of filling-tubes.

Figure 5 is a view of the filling-tubes—No. 1 to be filled, No. 2 for pressing.

The nature of my invention consists in the use of a press for the purpose of packing shred or cut tobacco in bags, so that, by weighing the given quantity required for any bag, and emptying the same into a metallic flattened pipe or tube, and placing the bag and tube under the press, the plungers, by being forced down into the tube, will compress the tobacco in the bags without injuring the latter.

In the drawing, A is the frame of the press, which is supported on substantial bearings *a a*, which can be screwed down or otherwise made fast to the floor. B B are the slides of the press, working through the shelves at C and C', having at the lower ends connecting-bars *b b*, and other bars *b<sup>1</sup> b<sup>1</sup>*, which are pivoted at *b<sup>2</sup> b<sup>2</sup>* on the sides of the frame, and which are fixed on the lever-shaft *d*. D is the foot-lever or treadle, having on the back end a counterpoise, *d*. E is the cross-head, fastened to the slides B B, on which are screwed the plungers *e e*. F is the frame, with the tubes *f f* inserted in it, and fastened on the upper side by turning over the flanges.

The manner of using the press is as follows, viz: The bags being made of the proper size to hold the quantity of tobacco, say a quarter or half or whole pound, the tubes are made of sufficient length to accommodate the quantity, and the bags being fastened under the tubes, the tobacco is poured into them, and the tubes are then reversed, as in No. 2, fig. 5, and placed on the shelf *c'*, and, by putting the foot on the treadle D, the plungers *e e* are immediately brought down into the tubes, and the tobacco is forced quite down into the bags; the hand is then applied to the cap of the tubes F, and, by an upward motion, the tubes are withdrawn along the plungers, and, by releasing the treadle, the counterpoise at once throws up the slides, and the plungers are withdrawn, and the bags are ready to be closed.

Having thus described my invention, what I claim as new therein, and which I desire to secure by Letters Patent of the United States, is—

The combination of the lever and counterpoise *d*, and connecting-rods *b<sup>1</sup> b<sup>2</sup>*, and slides B B, cross-head E, plungers *e e*, with filling-tubes *f f*, all arranged substantially as herein described.

DAVID C. MAYO.

Witnesses:

FRANK H. PATRICK,

I. H. HERRON.