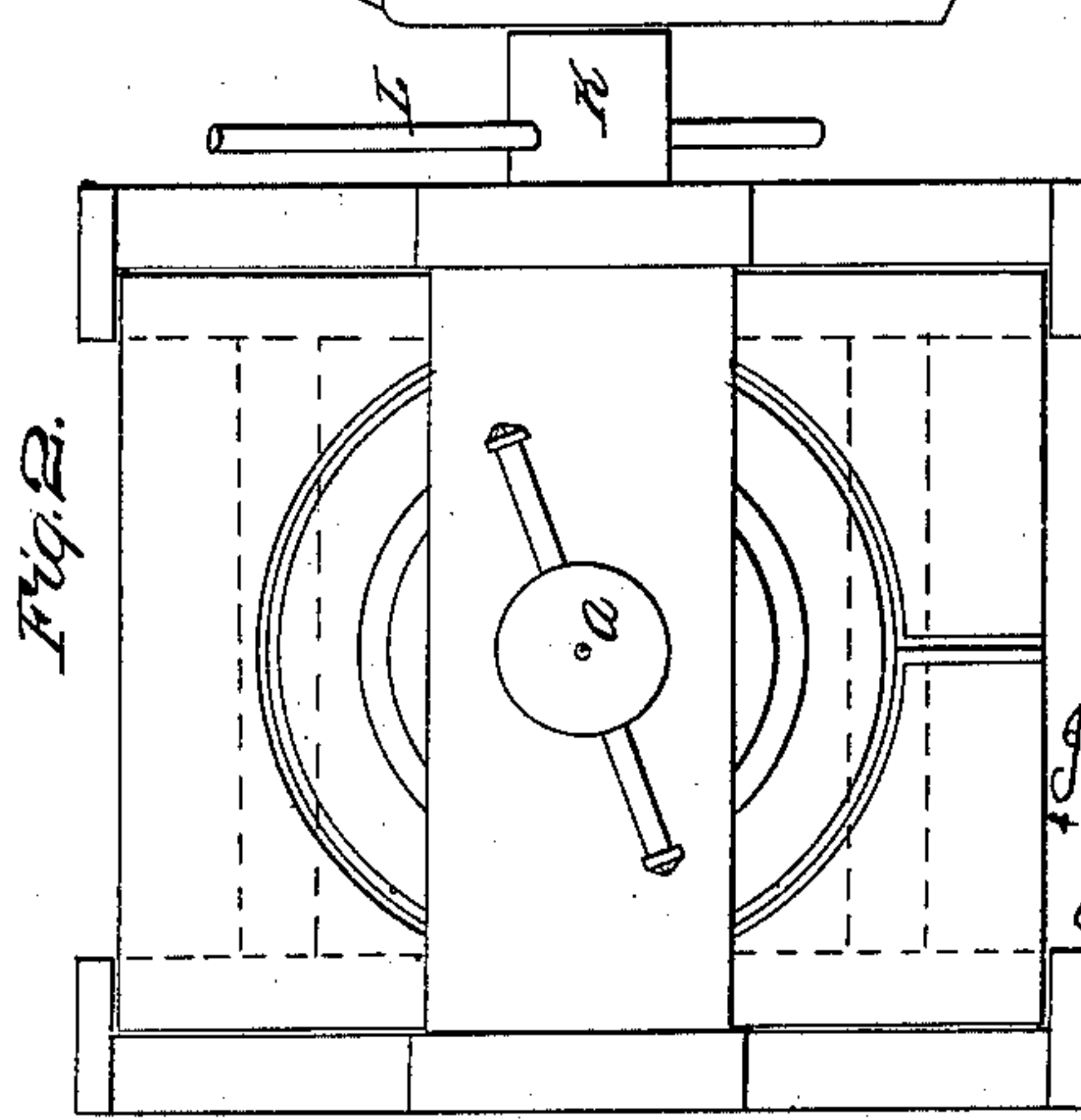
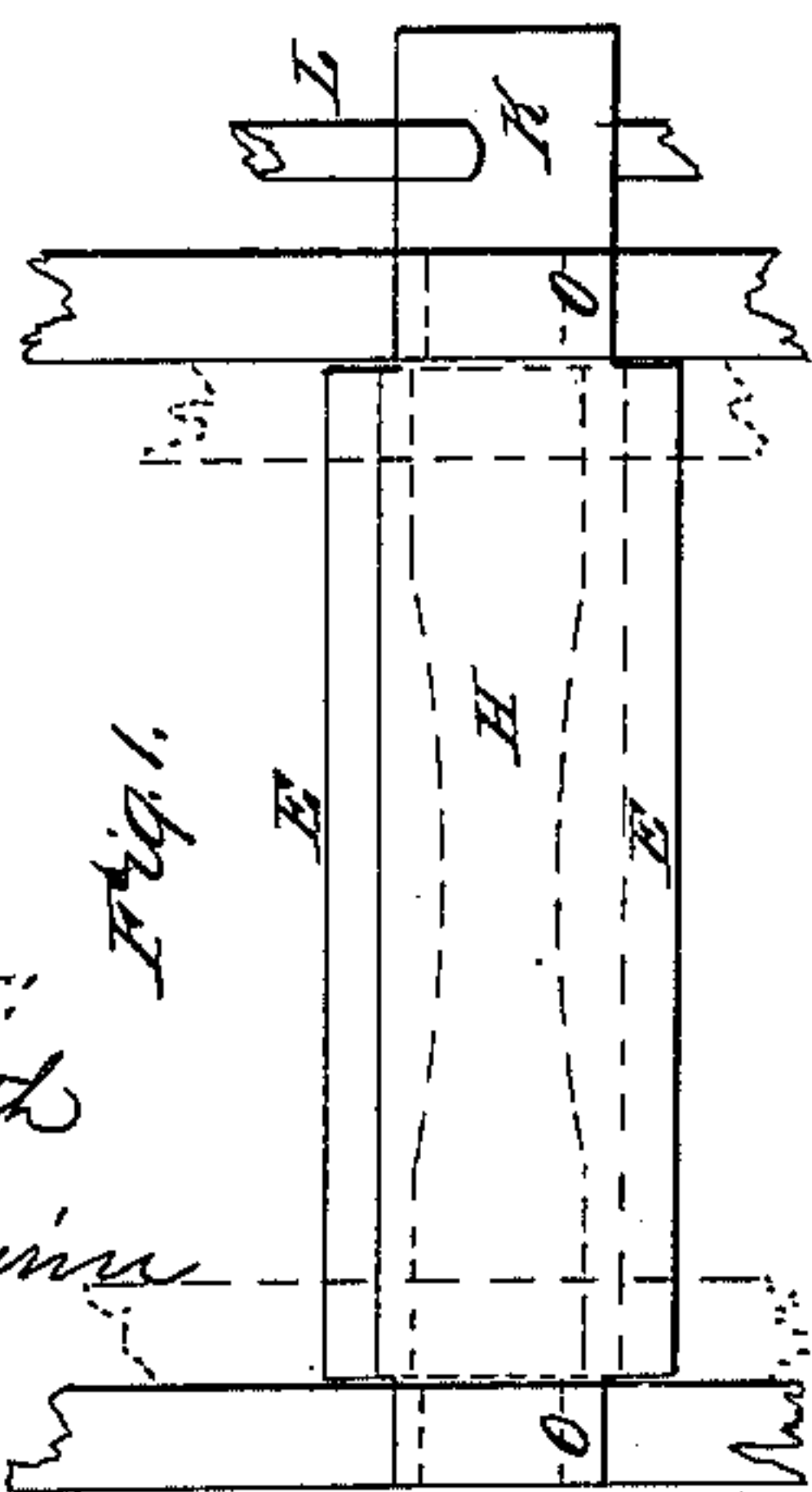
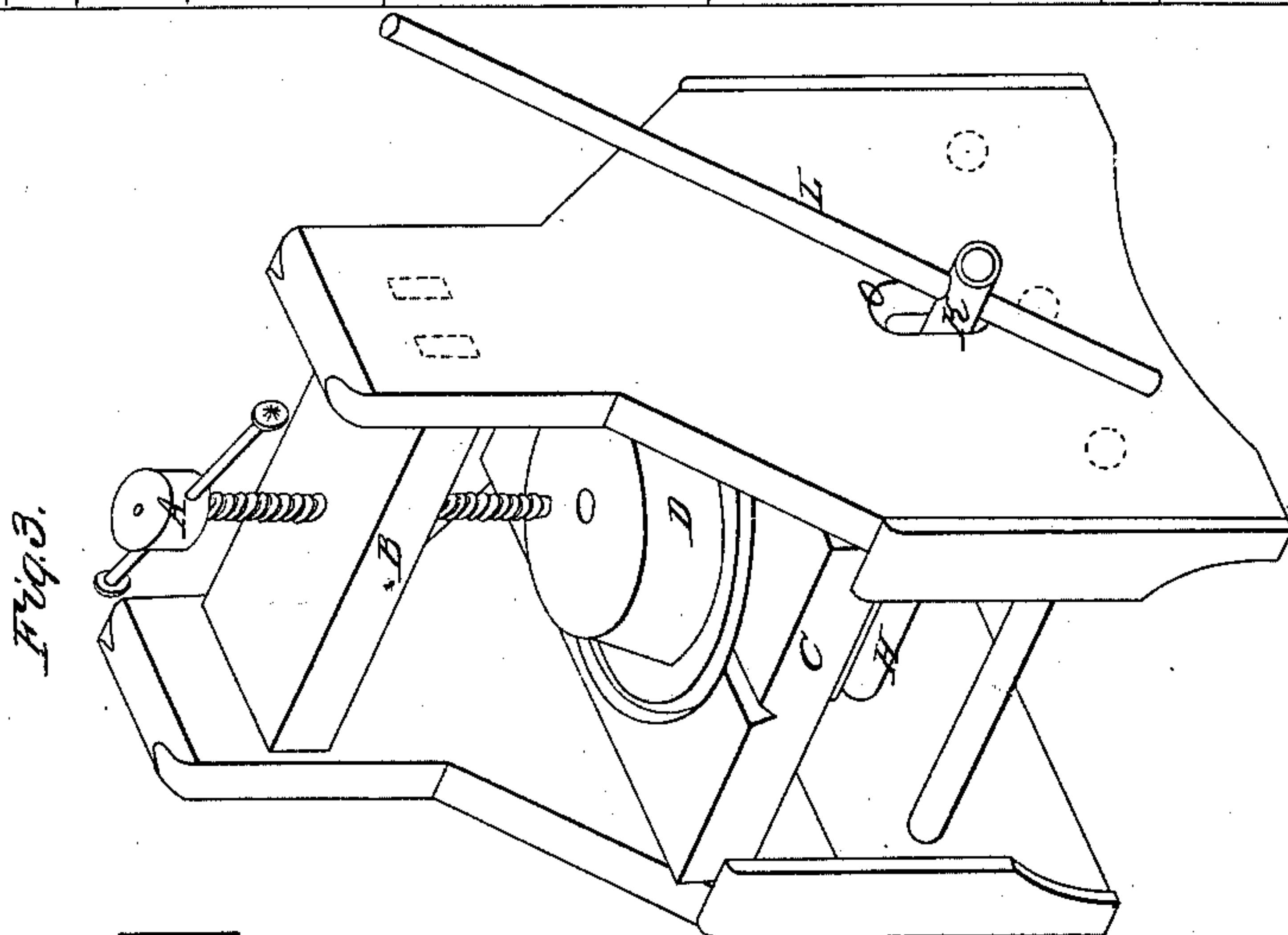
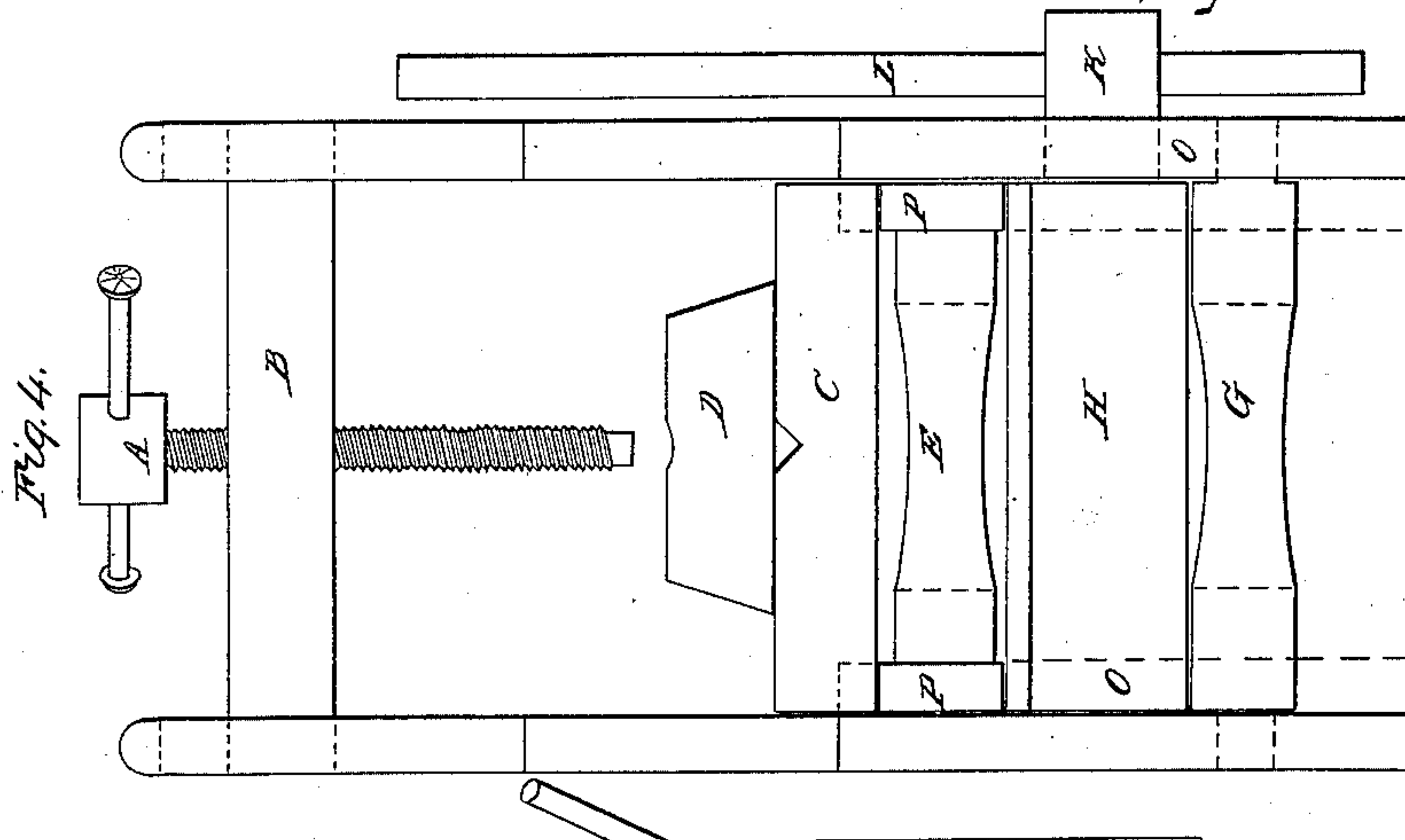


*Stratton & Wilson,*

*Cheese Press,*

*Nº 82,174,*

*Patented Sept. 15, 1868.*



*Witnesses:*  
*J. C. Smith*  
*Prof. B. Quinn*

*Inventors:*  
*Joseph D. Stratton*  
*Thomas Wilson*  
*Chapman Hussey & Co.*  
*attys*

# United States Patent Office.

JOSEPH D. STRATTON AND THOMAS WILSON, OF MACKINAW, ILLINOIS,  
ASSIGNORS TO JOSEPH D. STRATTON.

*Letters Patent No. 82,174, dated September 15, 1868.*

## IMPROVEMENT IN CHEESE-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 we, JOSEPH D. STRATTON and THOMAS WILSON, of Mackinaw, in the county of Tazewell, and State of Illinois, have invented a new and valuable Improvement in Presses for Cheese, Cider, and the like; and we do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

The nature of our invention consists in adding, to the ordinary screw and head-block in common use, a cam and lever, for the purpose of enabling the operator to give a constant and uniform pressure upon the lower side of the commodity to be pressed.

The frame of our press is made in the usual form, as shown on the drawings. The letter A is the ordinary screw and lever; B, the head-block; C, the movable platform, and D the cheese or other thing to be pressed.

The letters E and G are, respectively, rollers adjusted in the sides of the frame as shown, one immediately above, and the other immediately below the cam next mentioned.

The letter H is a cam constructed in the form represented, and adjusted by its respective ends to the side-pieces of the frame, between the rollers E and G. One end of this cam extends outward through the frame, as shown at K, where it is bored out to receive the lever L.

Letter L is a lever passing through the extended end of cam H, outside the frame. A wide groove or mortise is cut in the frame-sides, where the ends of the cam are inserted to allow space for the movement of said cam therein upward and downward. This mortise is shown at O.

The roller E above mentioned is attached at each end to a sliding horizontal beam, each of which said beams rests against the lower side of the movable platform C, and they unitedly form the support thereof. These sliding beams are marked P on the drawings. They are held in place at each end by brackets nailed on the outside of the frame, as represented on the drawings.

Our press is operated, in the usual manner, by the screw and lever A, but in addition thereto we operate it by the cam H and lever L.

When only the lever and screw A is used, the pressure is created, and then it remains stationary until the power is applied again. If a cheese be in the press, constant care and watchfulness are required on the part of the operator to keep up a pressure that shall approximate to uniformity, and for want of such care and watchfulness cheese is frequently injured.

By the use of our cam-and-lever arrangement all such watchfulness is rendered unnecessary. We apply a weight to the end of lever L, and thereby insure a steady and uniform pressure upon the cheese, whether it is watched or not.

By adjusting the lever and screw A in the proper manner, and applying a suitable weight to the end of lever L, no further attention is required until the cheese is ready to be removed from the press.

What we claim as our invention, and desire to secure by Letters Patent, is—

A cheese-press having attached thereto the cam H, lever K, rollers E and G, and sliding beams P, constructed and arranged substantially as specified.

JOSEPH D. STRATTON,  
THOMAS WILSON.

Witnesses:

GEO. PUTERBAUGH,  
FRANK PURPLE.