

G. F. PERRENET.  
Ironing-Machines.

No. 156,496.

Patented Nov. 3, 1874.

Fig. 1.

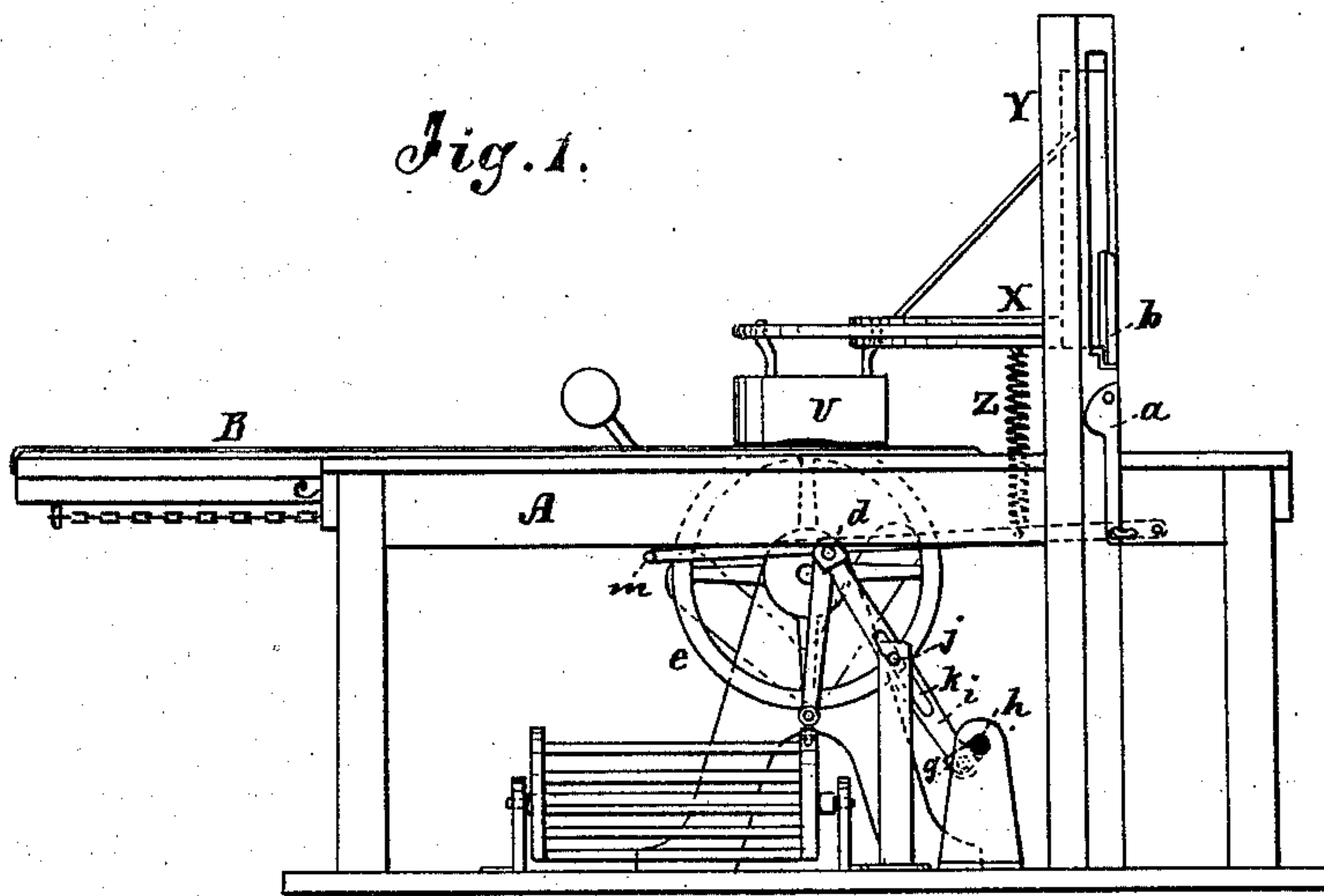


Fig. 2.

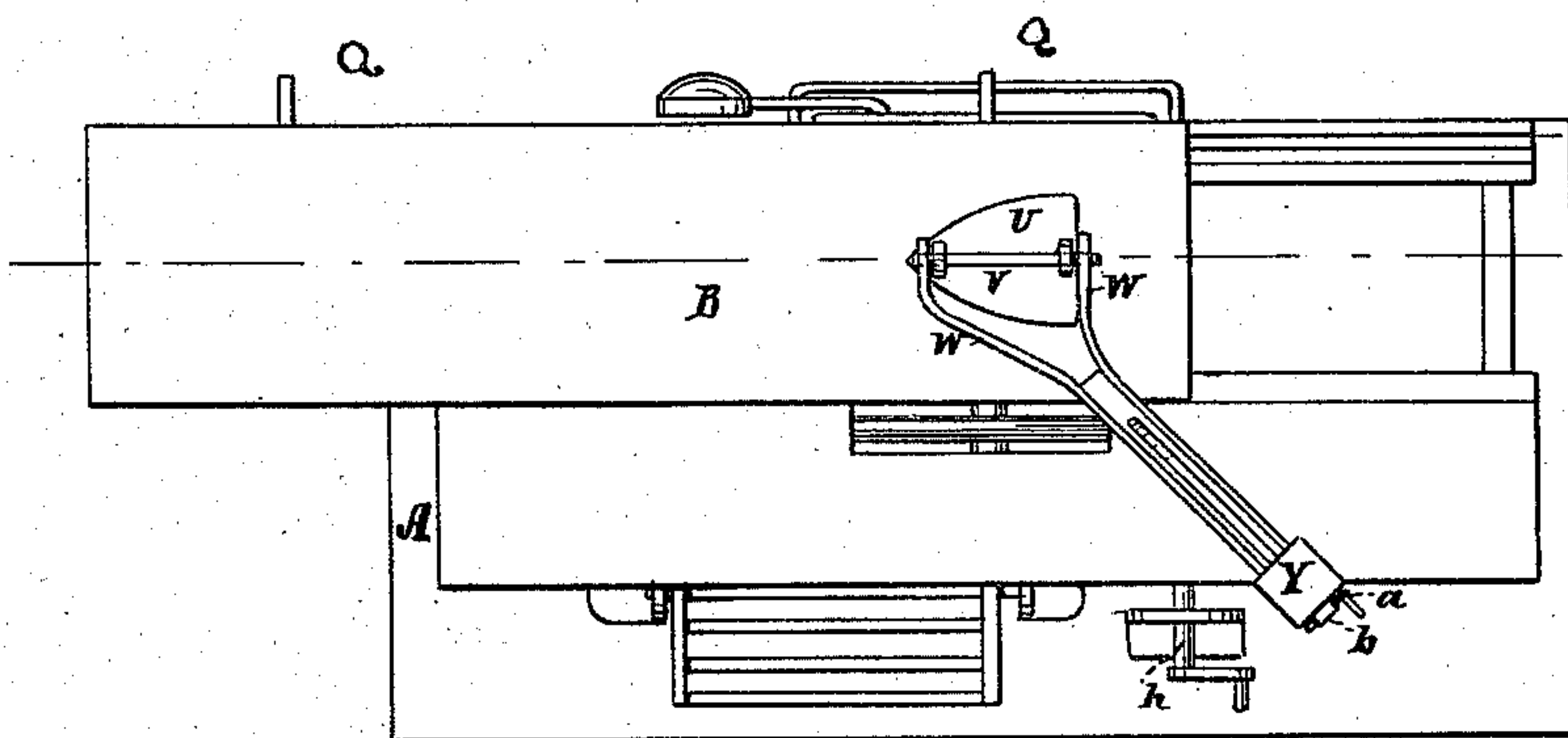


Fig. 6.

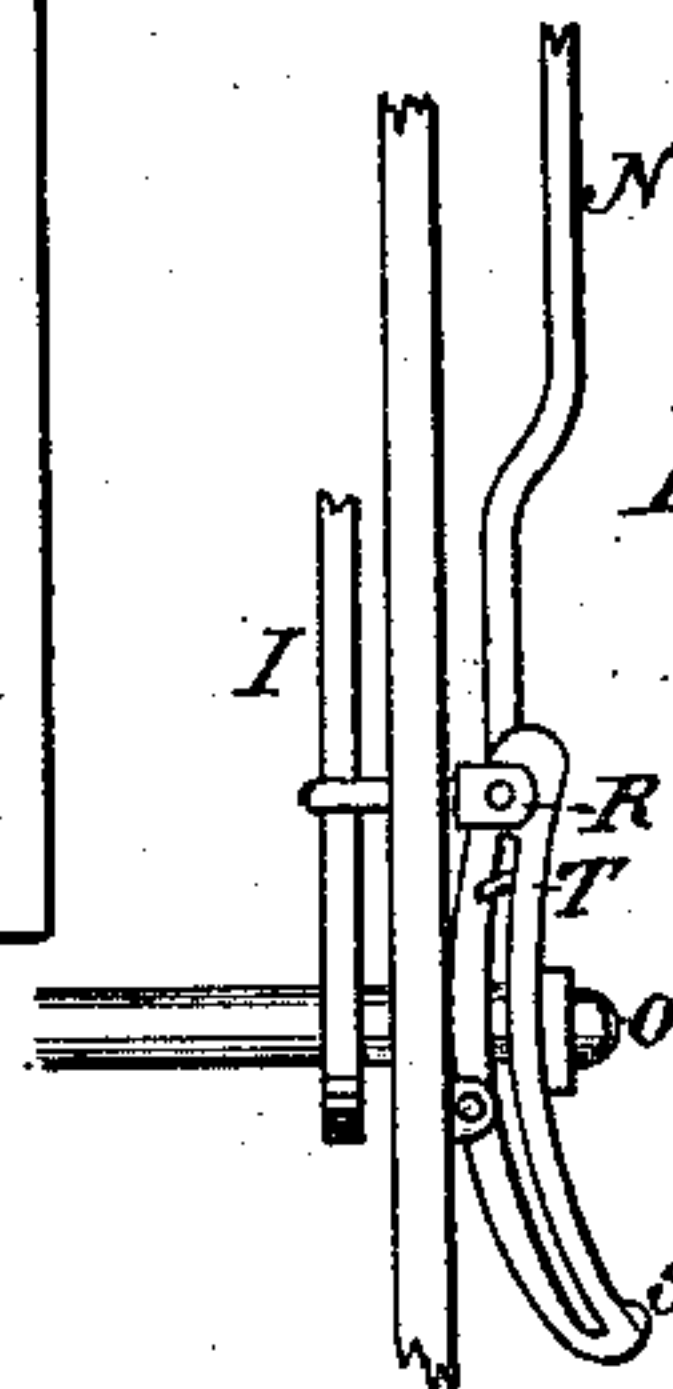


Fig. 5.

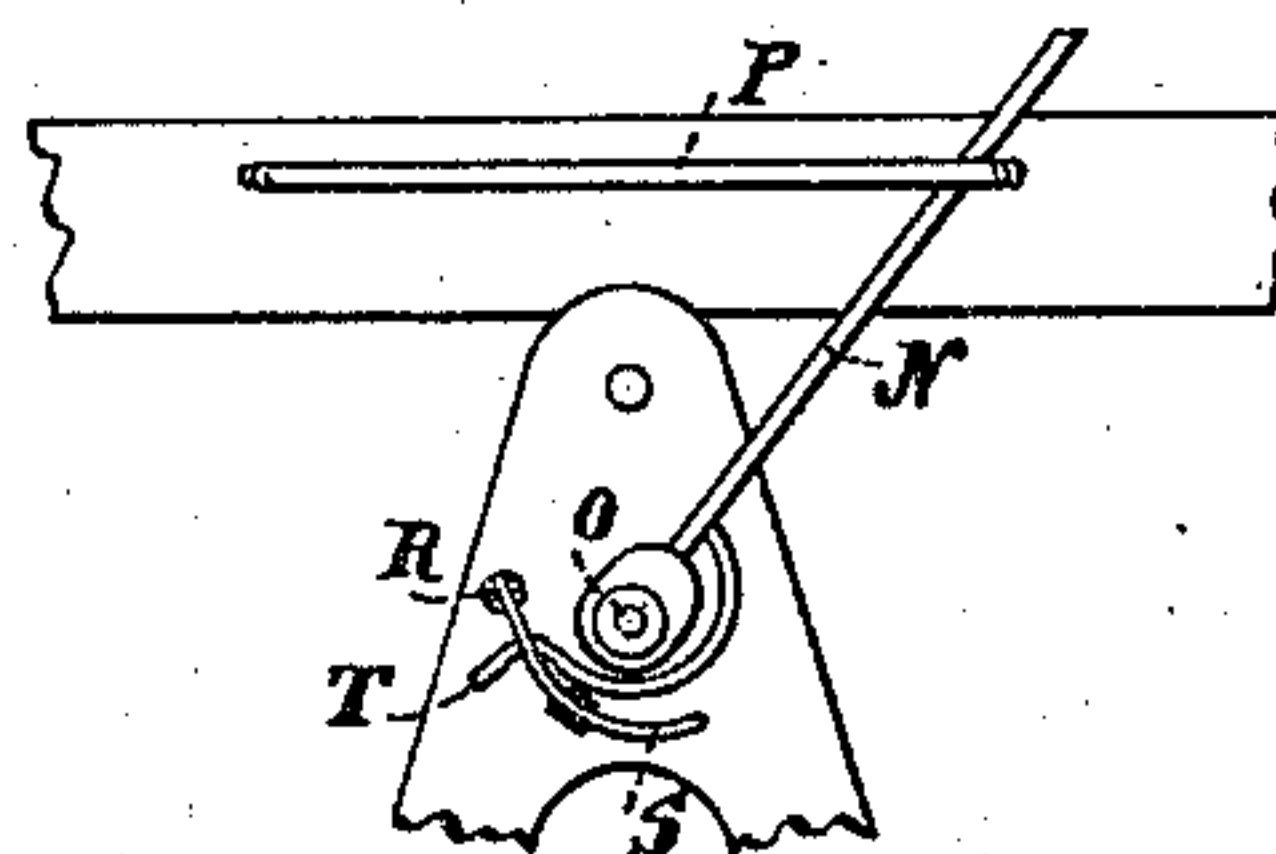
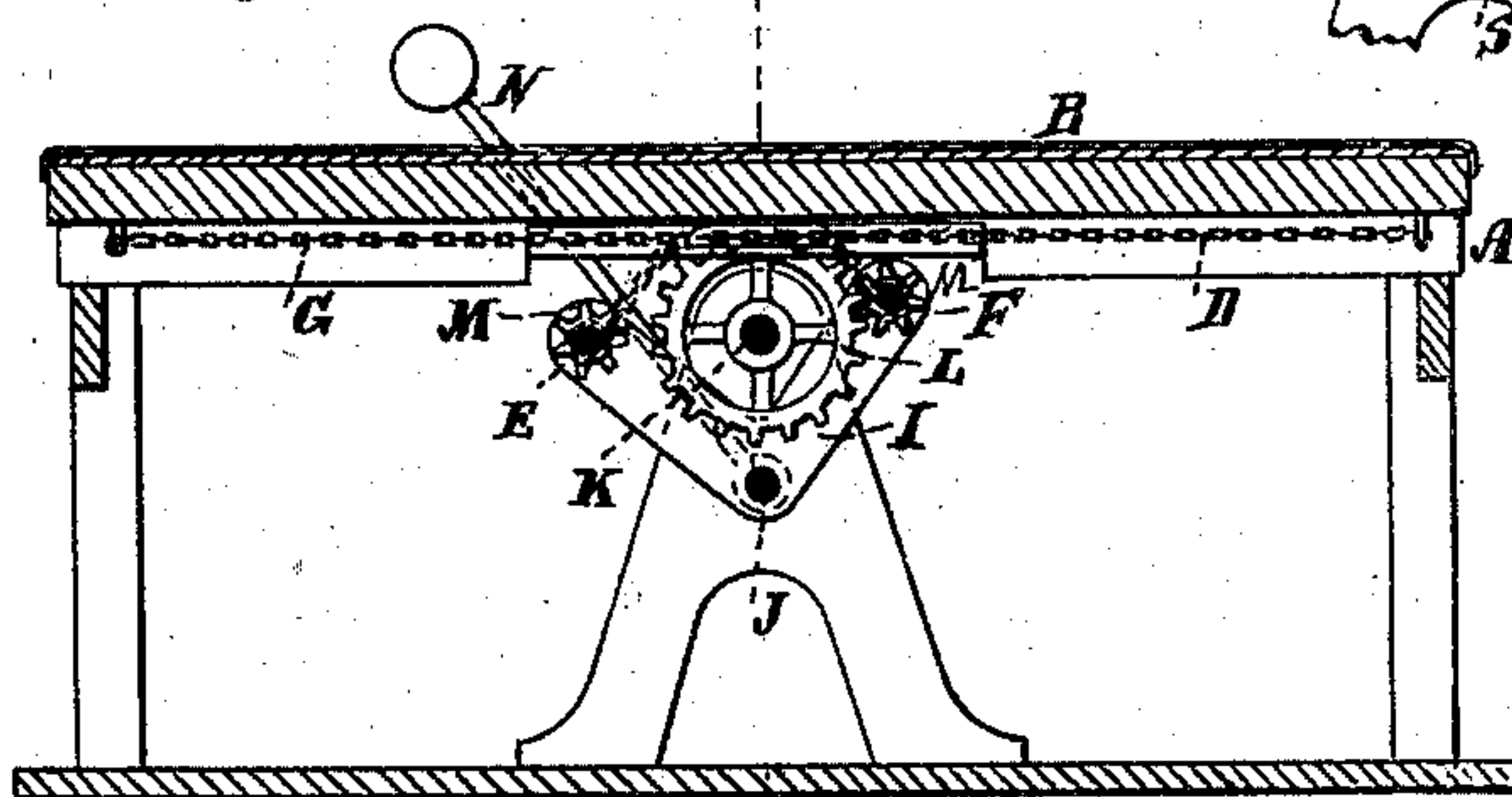


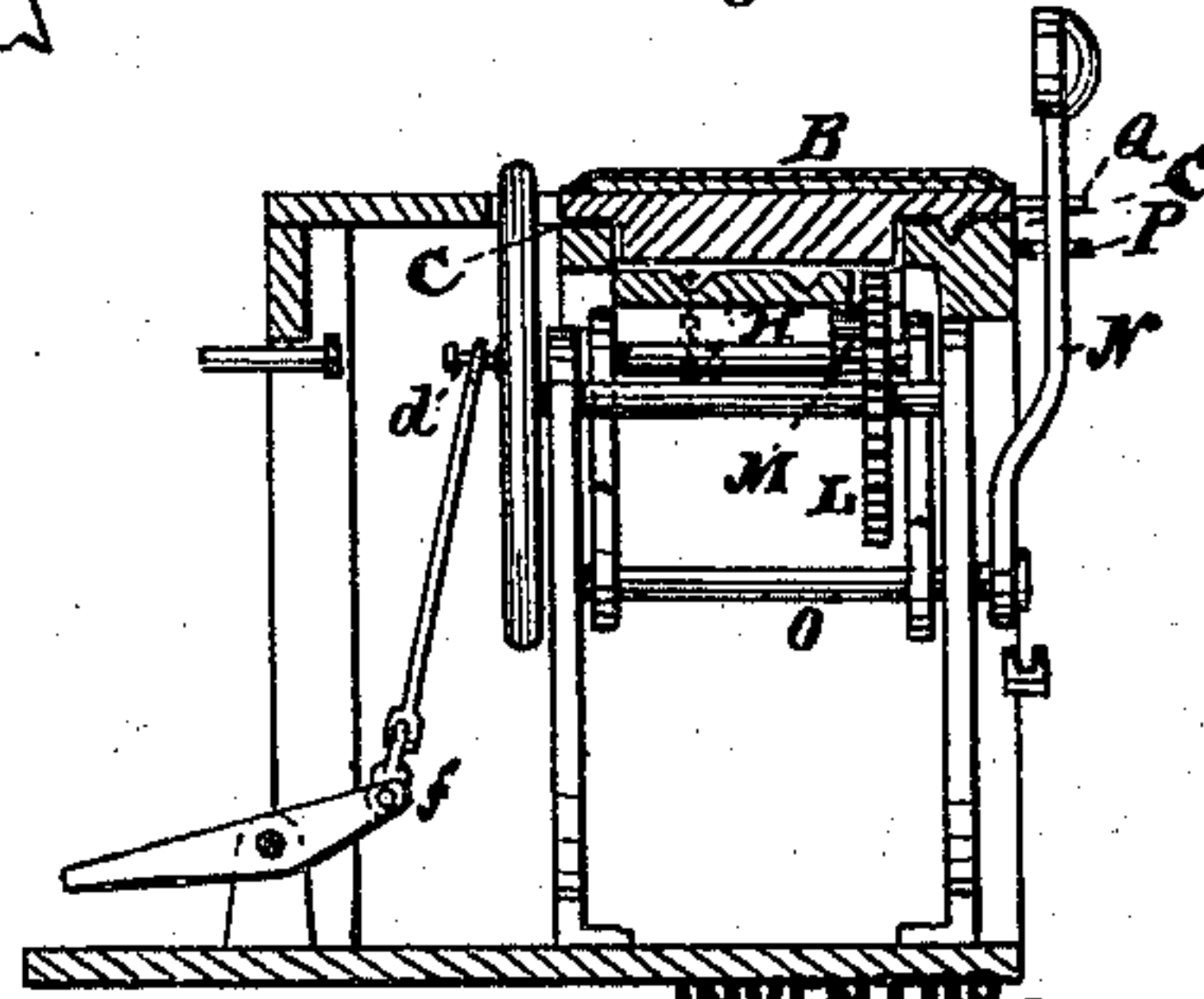
Fig. 3.



WITNESSES:

A. Bennekenhof.  
Chiquet

Fig. 4.



INVENTOR:

G. F. Perrenet

BY

Munnell  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

GEORGE FRANCIS PERRENET, OF ROCKPORT, TEXAS.

## IMPROVEMENT IN IRONING-MACHINES.

Specification forming part of Letters Patent No. **156,496**, dated November 3, 1874; application filed April 18, 1874.

*To all whom it may concern:*

Be it known that I, GEORGE F. PERRENET, of Rockport, Aransas county, Texas, have invented a new and Improved Ironing-Machine, of which the following is a specification:

The invention will first be fully described, and then pointed out in the claims.

Figure 1 is a side elevation of my improved machine. Fig. 2 is a plan view. Fig. 3 is a longitudinal sectional elevation. Fig. 4 is a transverse section; and Figs. 5 and 6 are detail views, showing a locking device for the tilting frame.

Similar letters of reference indicate corresponding parts.

A is a table of any approved kind or form, on which is an ironing-board, B, arranged to reciprocate in ways C, said board having one end connected, by chain D, to drum E, and the other end connected to drum F by chain G. The chains cross and extend beyond the center of the machine, and pass over a guide-plate, H, which keeps them from interfering with the driving-shaft, and each one from interfering with the drum of the other chain. These drums are mounted on a tilting frame, I, which is pivoted at J, directly under the driving-shaft K, on which is a spur-wheel, L, with which gear the pinions M to work the table. A weighted lever, N, is arranged on the pivoted shaft O of the tilting frame, and extends up by the sides of the frame and the ironing-board, along a guide-rod, P, and between two projecting stud-pins, Q, on the table. These stops Q alternately strike the lever N on opposite sides, tilt the frame I, so as to bring first one pinion M and then the other into connection with spur-wheel L. R is a lock-pin

connected to a slotted rock-lever, S, which is worked by an arm, T, on the shifting-lever N for locking the tilting frame. The iron U is connected, by a pin, V, to the arms W of a crotched bracket, X, which is mounted on a post, Y, so as to move up and down to some extent, and has a spring, Z, and a lever, *m*, to pull it down and press the iron on the board; and it also has a cam-lever, *a*, to raise it up and hold it by the button *b*. The balance-wheel *e* has a wrist-pin, which is provided with a rod and a link, to which a foot-treadle, *f*, is connected to work it by foot-power when required; and, in order to apply other power also, the crank is connected to the crank *g* of a counter driving-shaft, *h*, by a connecting-rod, *i*, which has a long slot, *k*, in the middle portion, by which it is pivoted on an axis, *j*, on which it oscillates and slides, so as to avoid the dead-points common to the direct connection in actuating the shaft.

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

1. The combination, with table A, of crossed chains D G, drums E F, guide-plate H, and tilting frame I, as and for the purpose set forth.

2. The lever N, having arm T, combined with slotted rock-lever S and pin R, as and for the purpose described.

3. The vertically-movable bracket X W on post Y, combined with spring Z and levers *m* *a*, as and for the purpose specified.

GEORGE FRANCIS PERRENET.

Witnesses:

WM. P. MCGREW,  
CHAS. F. BAILEY.