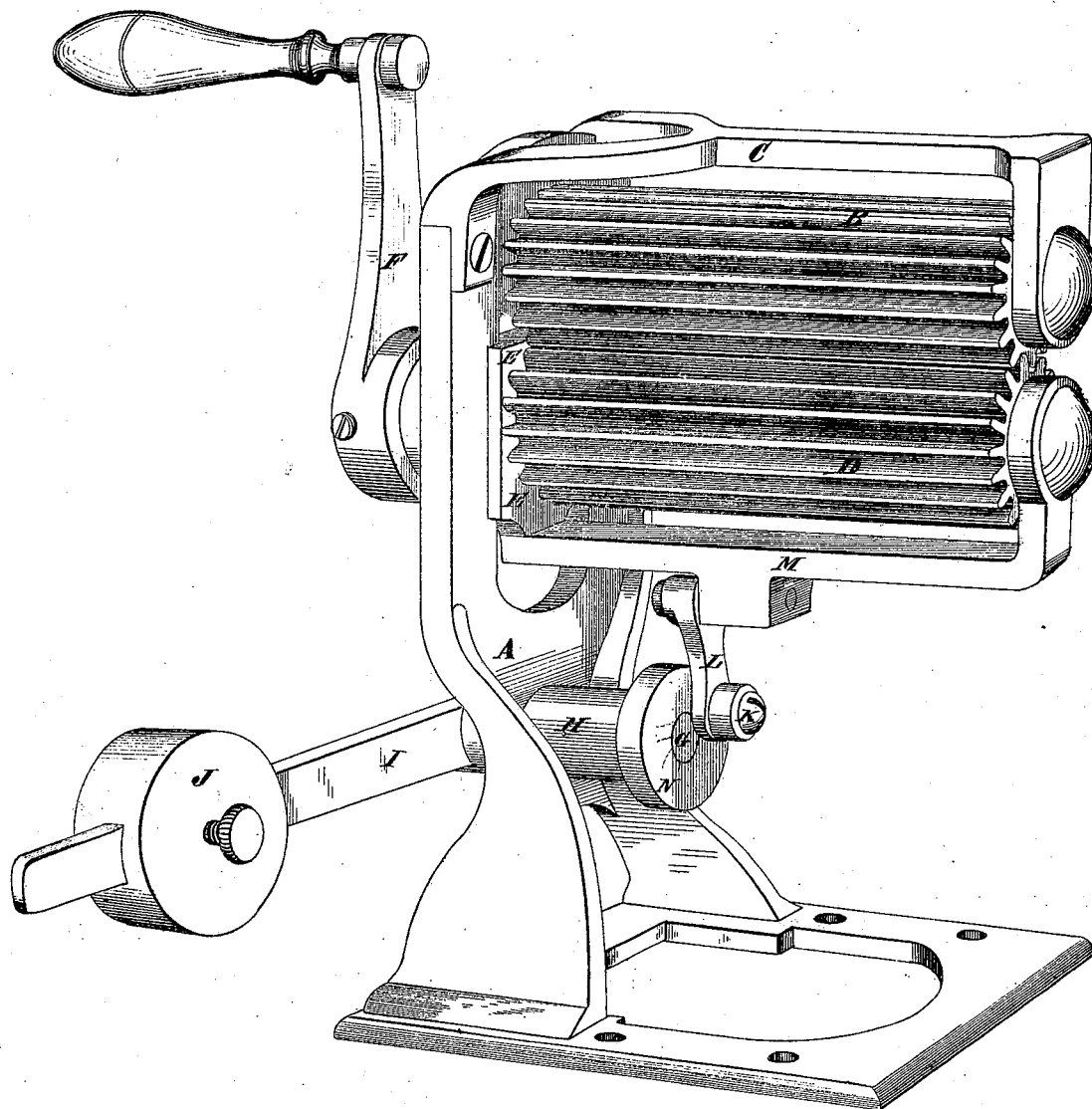


*W. F. McKee,*

*Plating Machine.*

*No. 109,535.*

*Patented Nov. 22, 1870.*



*Attest.*

*Wm. Nicholson  
E. F. Layman*

*Inventor.*

*Wm. F. McKee  
By G. Millward  
Attorney*

# United States Patent Office.

WILLIAM P. McKEE, OF CINCINNATI, OHIO.

Letters Patent No. 109,535, dated November 22, 1870.

## IMPROVEMENT IN FLUTING-MACHINES.

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, WILLIAM P. McKEE, of Cincinnati, Hamilton county, State of Ohio, have invented a certain new and useful Improvement in Fluting-Machines; and I do hereby declare the following to be a sufficiently full, clear, and exact description thereof, to enable one skilled in the art to which my invention appertains to make and use it, reference being had to the accompanying drawing making a part of this specification.

### *Nature and Objects of Invention.*

My invention relates to the class of crimping or fluting-machines having one of the rollers adjustable; and consists of a peculiar device for operating the adjustable roller and regulating the pressure upon the fabric between the rolls.

### *Description of the Accompanying Drawing.*

The accompanying drawing is an exterior perspective view of a machine embodying my invention.

### *General Description.*

A is a frame of the machine, which can be secured to a table by means of an ordinary clamp or by common screws.

The upper roller B is journaled in the frame A at the inner end, and in the projecting bracket C at the outer end.

The bracket C I prefer to make in a separate piece from frame A, in order that it may be cast readily.

The lower roller D, which is the movable or adjustable roller, and to which the motive power is applied, is journaled in the vertically-sliding box E, which is

fitted snugly between the grooved, tongued, or dove-tailed ways provided for it in the frame A.

Both of the rollers B D are hollow, for the reception of heating-irons, and the roller D is operated by the crank-handle F.

A shaft, G, is journaled in the projecting bearing H, to which a weighted lever, I J, is secured at the outer end, and a crank-wrist, K, at the inner end.

To the wrist K a pitman, L, is connected, which is pivoted to the frame M which supports the roller D.

The weight J of the lever I is adjustable, for the purpose of enabling the degree of pressure upon the fabric between the rolls to be changed at will.

By simply raising the lever I the rollers B D are separated for the removal or insertion of the fabric by the operation of the wrist K and pitman L.

A modification of my invention may consist in making the plate N, to which the wrist K is attached, eccentric to the shaft, and permitting the frame M to rest upon it. The roller D will then, if made sufficiently heavy, fall when the eccentric is released, and can be raised by the action of the eccentric.

### *Claim.*

The combination of the sliding frame M, which supports the adjustable roller D, pitman L, crank K, shaft G, and weighted lever I J, all arranged with reference to one another, as set forth.

In testimony of which invention, I hereunto set my hand.

WM. P. McKEE.

Witnesses:

FRANK MILLWARD,  
J. L. WARTMANN.