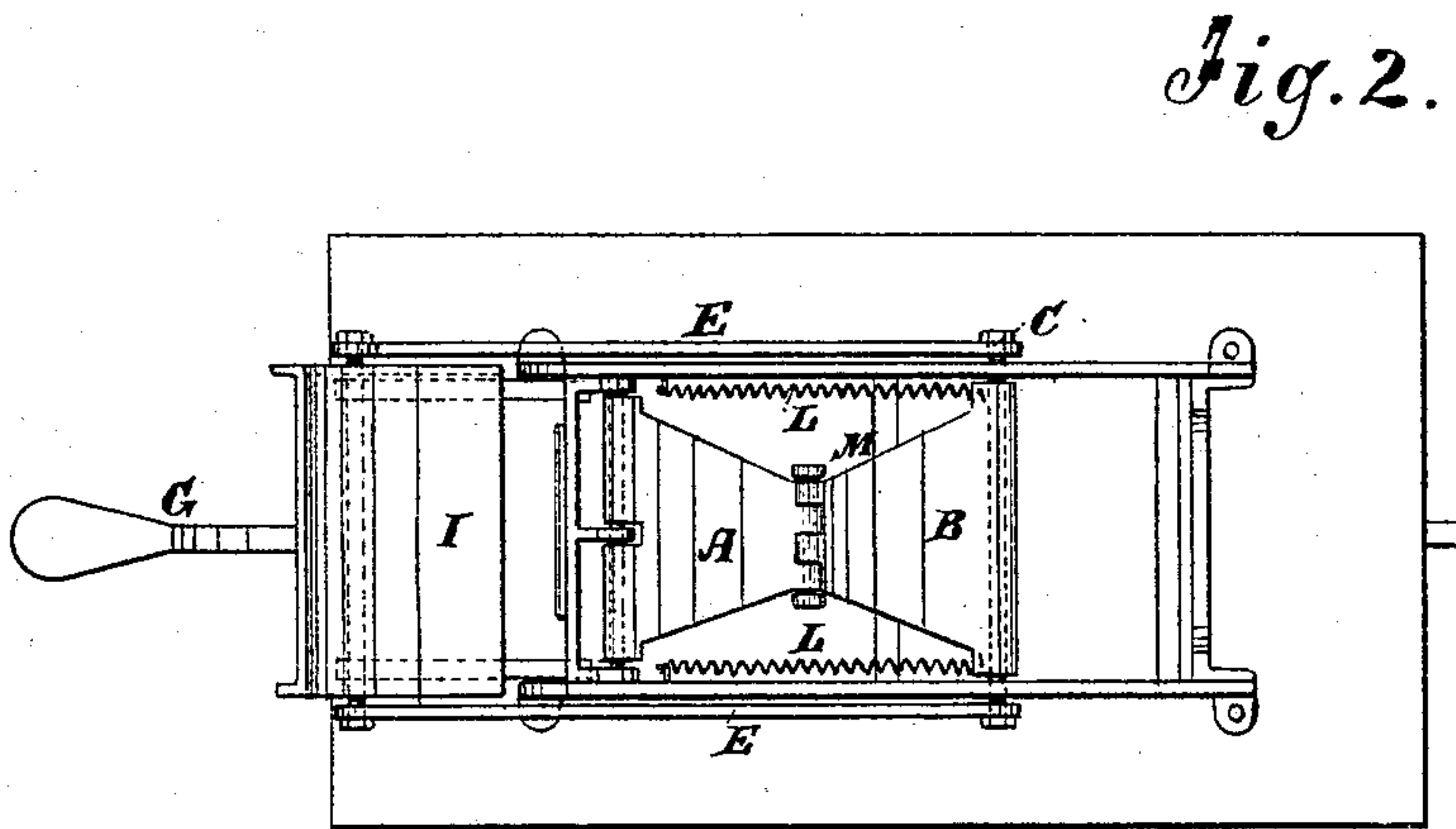
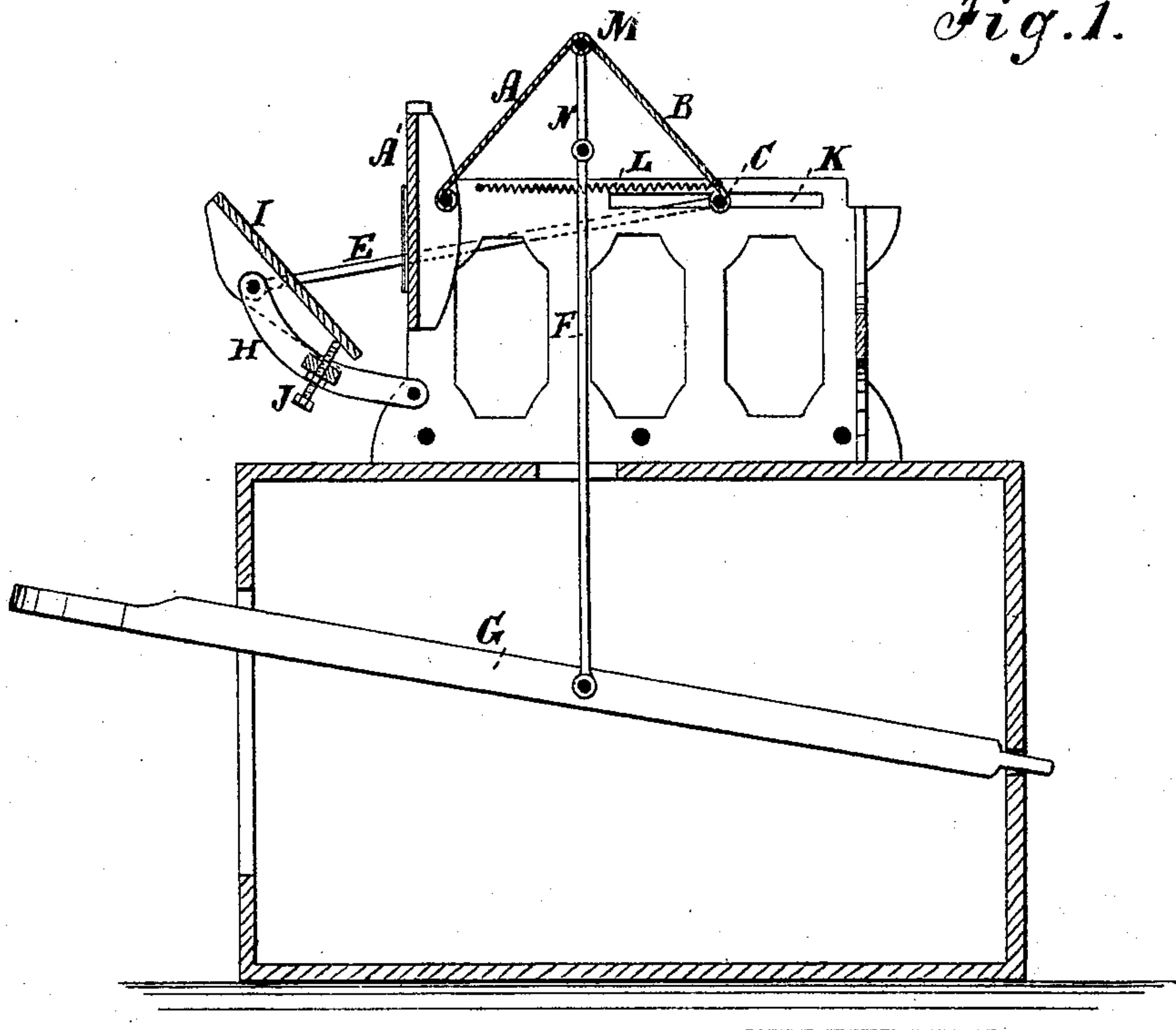


R. B. COOPER.  
Printing-Presses.

No. 149,102.

Patented March 31, 1874.



WITNESSES:

*A. Bannendorf.*  
*Stadwick*

INVENTOR:

*R. B. Cooper*  
BY *Thomson & Co.*

ATTORNEYS.

# UNITED STATES PATENT OFFICE

RIASON B. COOPER, OF MONTICELLO, NEW YORK.

## IMPROVEMENT IN PRINTING-PRESSES.

Specification forming part of Letters Patent No. **149,102**, dated March 31, 1874; application filed December 1, 1873.

*To all whom it may concern:*

Be it known that I, RIASON B. COOPER, of Monticello, in the county of Sullivan and State of New York, have invented a new and Improved Printing-Press, of which the following is a specification:

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

Figure 1 is a longitudinal sectional elevation of my improved printing-press, and Fig. 2 is a top view.

A and B represent the toggle-jointed arms, one of which is pivoted to the stationary type-bed A', and the other is mounted on a support, C, which is movable in slots or ways K in the frame toward and from the stationary pivot of the first, and springs L are attached to draw it up toward said stationary pivot. This movable support is connected, by rods E, with arms H, which carry the platen I, and the arms A B are connected at their joint M, by the yoke N and connecting-rod F, with the foot-treadle for forcing the platen up to the type-bed by pressing the foot-treadle down, which slides the support C away from the bed, and, at the same time, brings down the joint M, so that the powerful action of the arms A B comes in-

to use when the platen comes to the bed. The platen is jointed to the arms H a little above its longitudinal axis, so as to accommodate itself to the plane of the bed, and below the pivot the arms are provided with adjusting-screws J to hold it in the required relation to the type-bed. By connecting the toggle-jointed arms to the platen-arms by the movable support C greater movement is obtained with arms of a given length than a connection with the joint M would give.

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

The combination, with type-bed A' and platen I, the former rigidly attached to the frame and the latter connected therewith by pivoted arms H H, of the toggle-arms A B, the former pivoted to bed A' and the latter movable in slot K, provided with spring L and connected with platen by the rods E E, as and for the purpose specified.

RIASON B. COOPER.

Witnesses:

T. B. MOSHER,  
C. SEDGWICK.