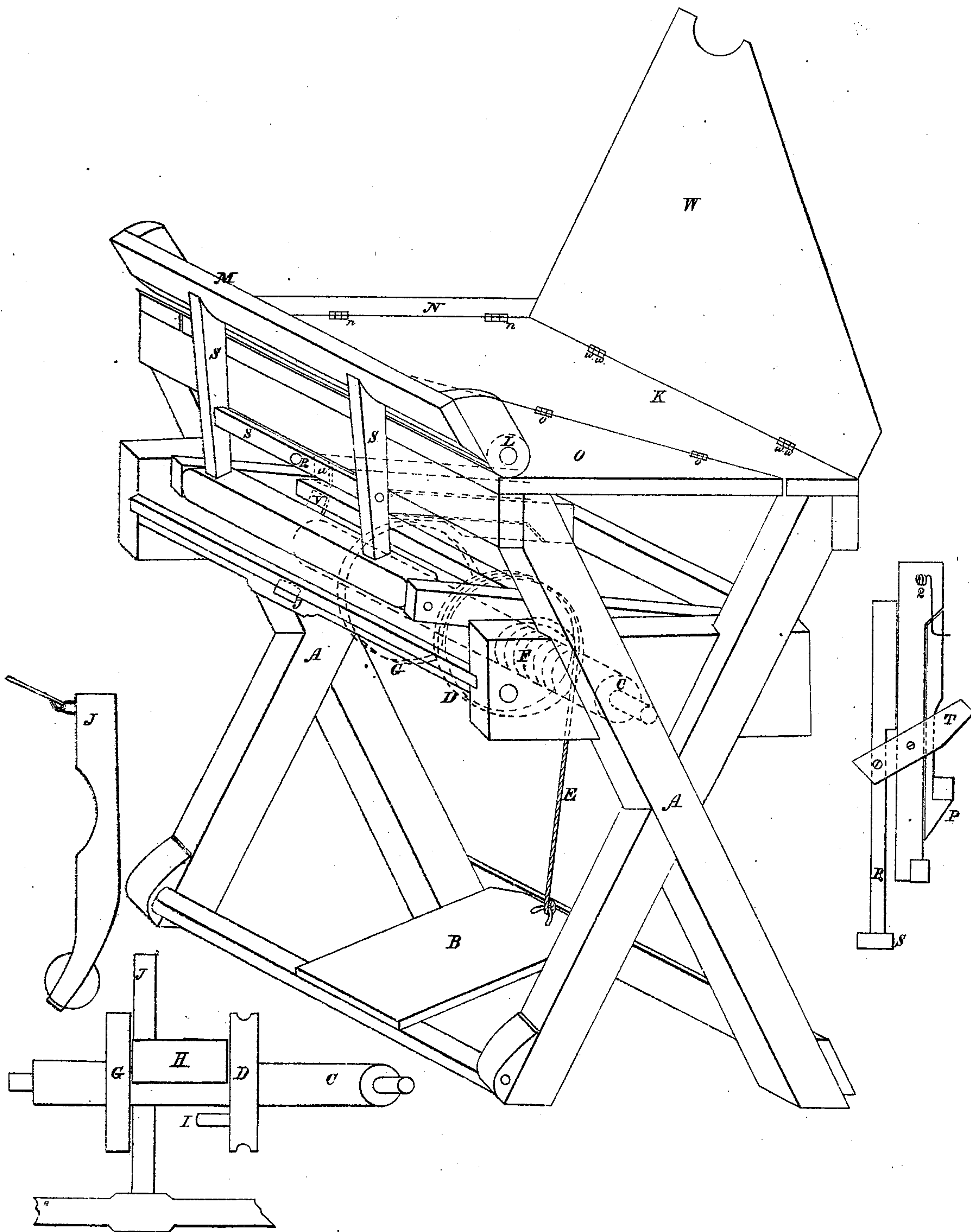


*J. Keller.*  
*Paper Bag Mach.*  
*N<sup>o</sup> 19506.      Patented Mar. 2. 1858.*



# UNITED STATES PATENT OFFICE.

JACOB KELLER, OF FAIRVIEW, PENNSYLVANIA.

## MACHINE FOR MAKING PAPER BAGS.

Specification of Letters Patent No. 19,506, dated March 2, 1858.

*To all whom it may concern:*

Be it known that I, JACOB KELLER, of Fairview township, county of York, and State of Pennsylvania, have invented a new and useful Machine for Making Paper Bags; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon.

10 To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

A, the frame; B, the treadle-board; C, the shaft upon which is a flanged wheel D, around which the treadle cord E operates. Upon the same shaft C is a spiral spring F which brings the flanged wheel D and its shaft C to the proper place again after the treadle B has been pressed down to its limited point. On the same shaft C is another wheel G, and between this wheel G and the flanged wheel D is a roller H. Opposite the roller H is a pin I projecting from the flanged wheel D.

25 J is a lever underneath which is operated on by the roller H and is attached by a wire to the folding frame K above upon which the bag is formed and folded; L, the roller which holds the paste having a sliding feeder M attached to cover the roller with the requisite quantity of paste.

N and O are two folders attached to the top forming a square table with hinges and so as to be thrown over by the hand of the operator at right angles, and connect the sides of bag after the roller has deposited the paste on the front edge of the paper next to the paste roller L.

P is a spring catch located in the center of machine, immediately above and across the shaft C, and has its front end beveled at the side to correspond with the beveled point of the pin I. At the back end of this spring catch P is a small spiral spring Q.

45 A long lever R extending from the upright movable frame S (that supports the paste roller L) is operated on by a short lever T in the center of the machine.

A short lever or lug U is permanently attached to and projects from the lower part of the movable frame S and as it is brought in contact with a corresponding lug V projecting downward from the frame A the paste roller L is thrown forward on the paper at top. The pin I on the flange wheel D then presses against the lower end of the short lever T by which the long lever R and the frame S with its paste roller L is thrown back. The paper is thus pasted together in a triangular shaped bag upon the fly lid W at top which operates on ordinary hinges W W. The paper having an oblong shape was first laid on the top (on folders N and O forming the table) with its left side edge projecting about an inch over, the front edge of the paper being placed on a line with the front edge of the top, and on a line with the paste roller L. The paper being laid thus smooth and flat on the top, the operator presses upon the treadle B and the flanged wheel D is partly revolved until its pin I raises the spring catch P. At the same time fly lid W falls down upon the paper at top, the movable frame S is thrown forward and the paste roller L deposits the paste on the front edge of the paper. The short lever T then operates on the long lever R and the movable frame S is thrown back with its paste roller L, and the spiral spring F brings the devices of the machine back to their places, to perform another pasting operation.

What I claim as my invention and desire to secure by Letters Patent is—

The treadle B, shaft C, wheels D, G, roller H, lever J, roller L, folders N, O, and the devices P, Q, R, S, T, as arranged in combination substantially as herein described for the purpose of making paper bags.

JACOB KELLER.

Witnesses present:

J. FRANKLIN REIGART,  
M. CARPENTER.