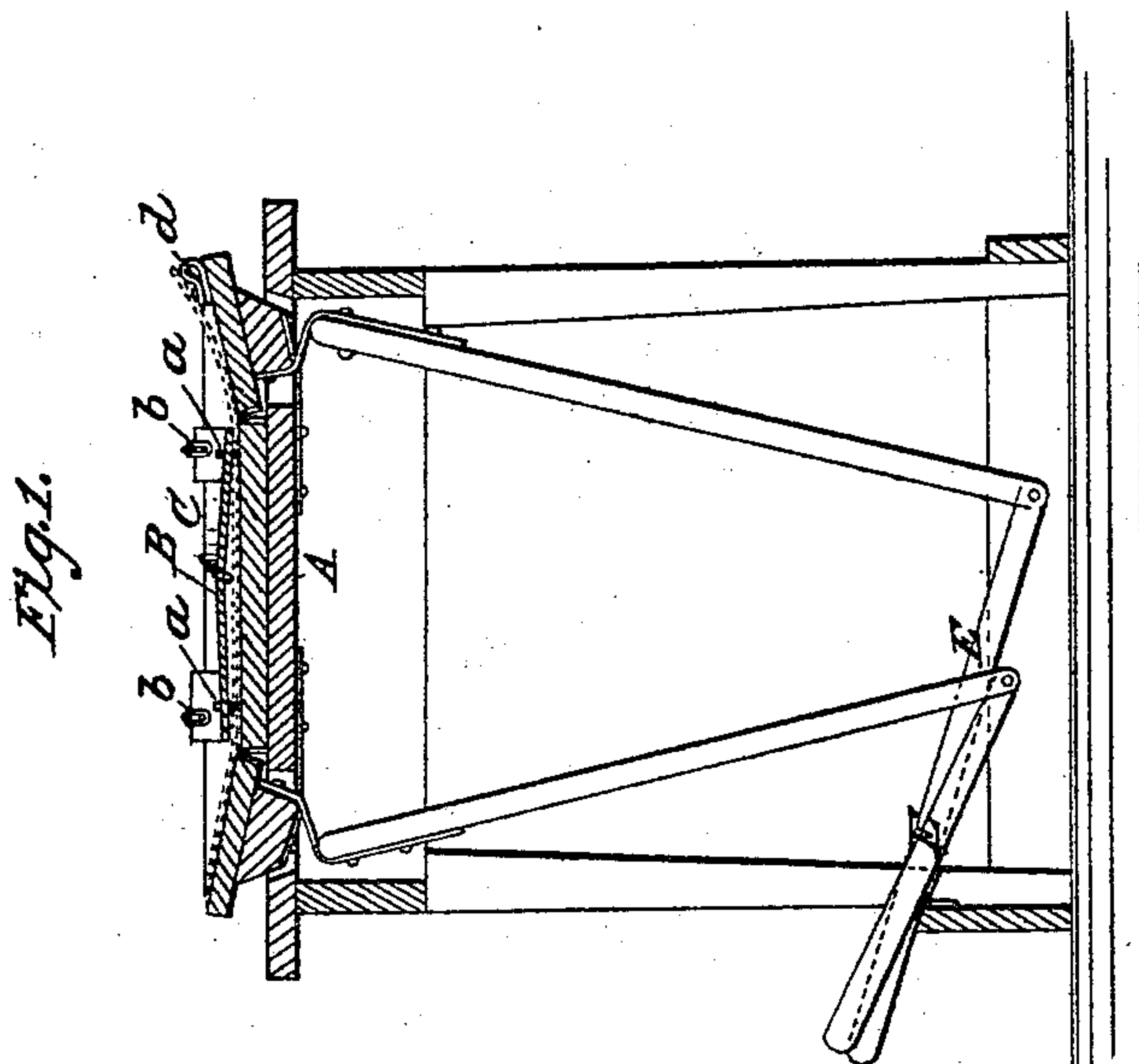
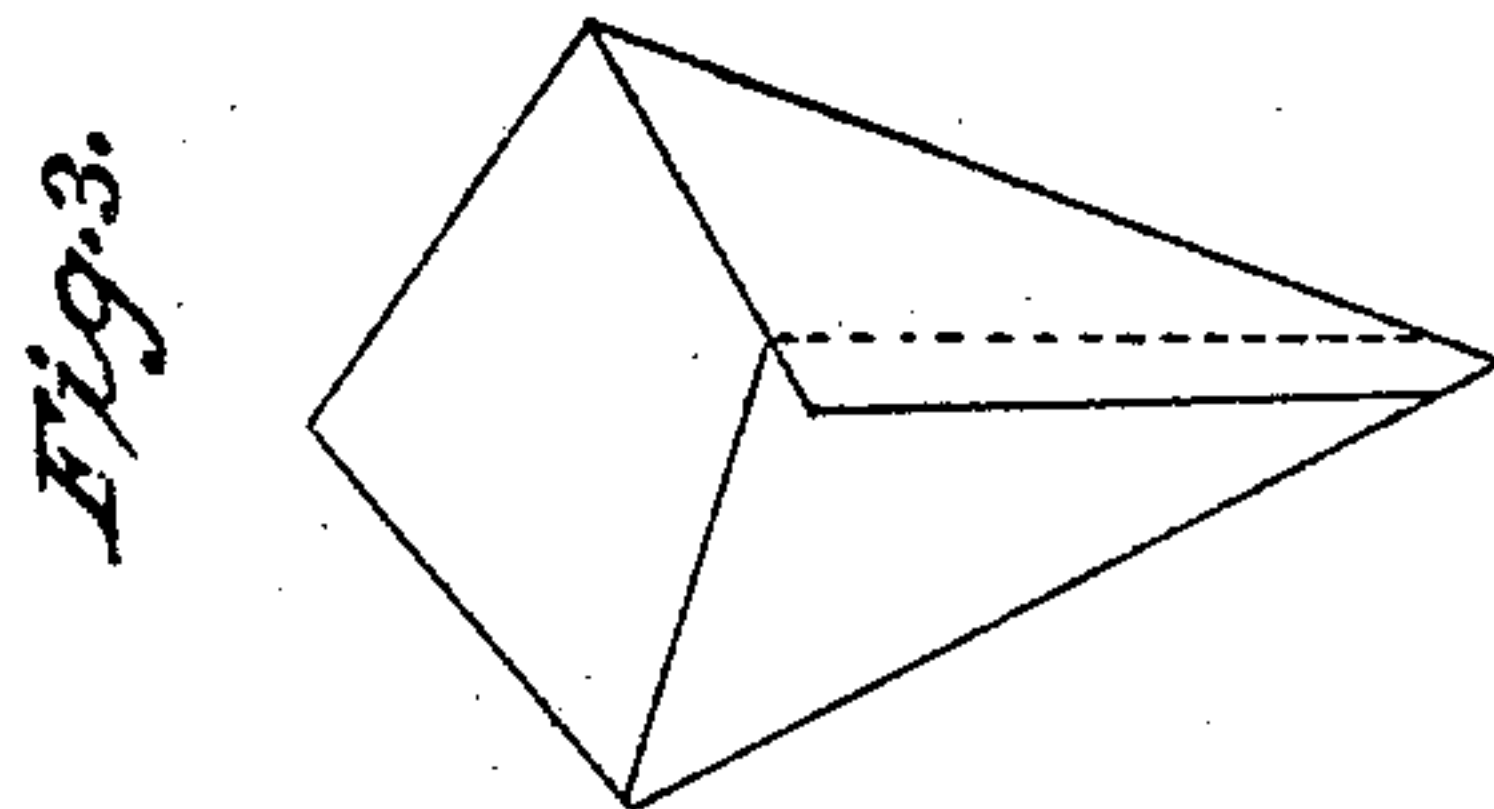
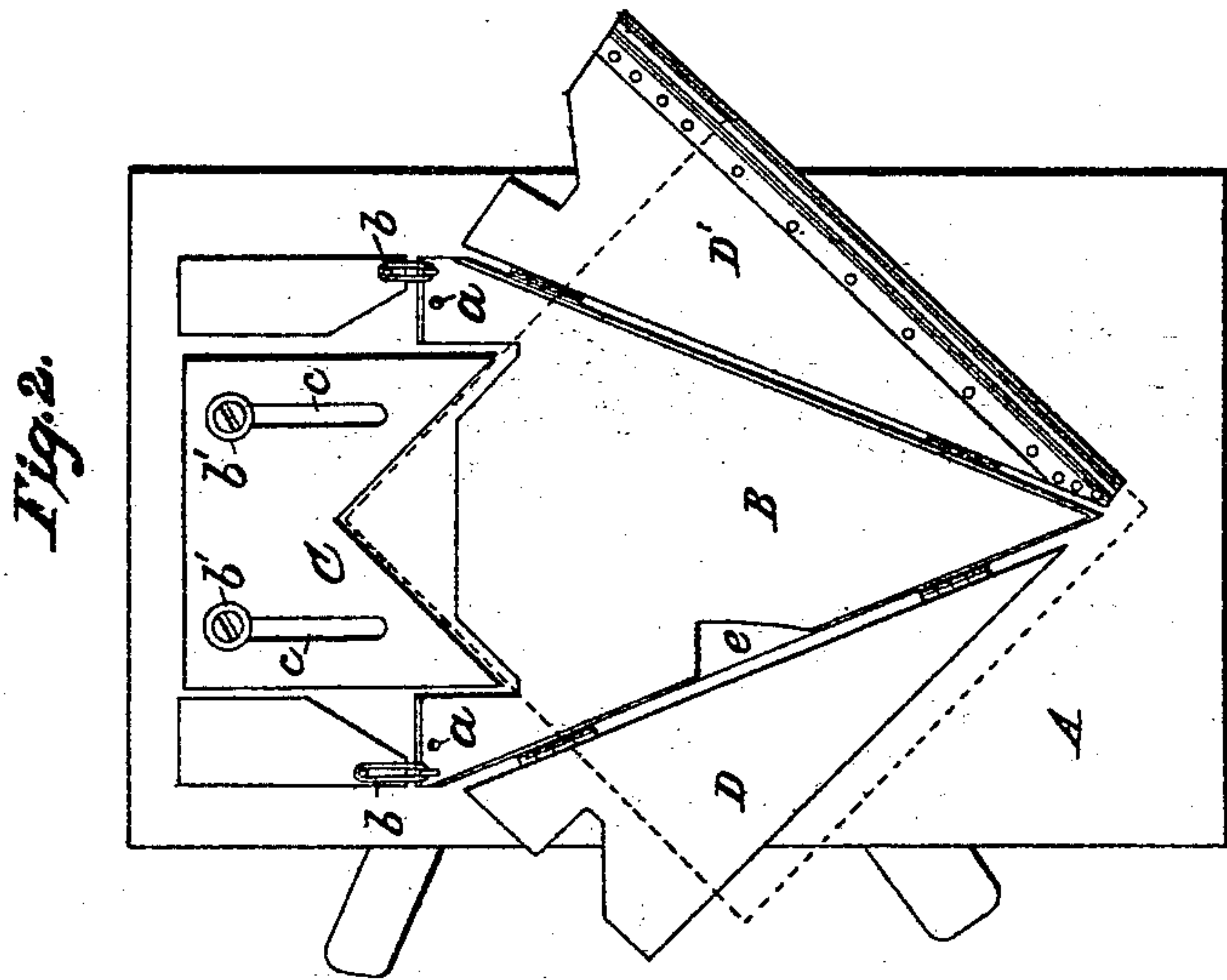


G. L. JAEGER.
Paper Bag Machine.

No. 64,537.

Patented May 7, 1867.



Witnesses:
J. H. Jackson
The Tuck

Inventor:
G. L. Jaeger
Per. Munnell
Attorney

United States Patent Office.

GUSTAV L. JAEGER, OF NEW YORK, N. Y.

Letters Patent No. 64,537, dated May 7, 1867.

MACHINE FOR MAKING PAPER BAGS.

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, GUSTAV L. JAEGER, of 178 Fulton street, in the city, county, and State of New York, have invented a new and improved Paper-Bag Machine; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming a part of this specification, in which—

Figure 1 represents a transverse vertical section of this invention.

Figure 2 is a plan or top view of the same.

Figure 3 is a detached plan of a bag when finished.

Similar letters of reference indicate like parts.

This invention consists in the arrangement of a movable former made of tin or other suitable material, in combination with two or more movable flaps or wings, which turn the blank over the former in such a manner that by the former itself the blank is held in position, and a triangular or square paper bag can be made with little trouble and expense. The former is provided with a ridge, at those parts where the edges of the blank are to be joined, in such a manner that a pressure is exerted on those parts which are to be joined, and the operation of folding the blanks and securing their edges or ends is effected with ease and facility.

A represents a table, to the top of which is secured the former B. This former is made of a thin piece of sheet metal, and it is connected to the table by suitable hinges *a*, and springs *b*, which have a tendency to turn the same up in an inclined position, so that the blank can be conveniently introduced under said former. Behind the former is the gauge C, which is secured to the top of the table by screws *b'* passing down through slots *c*, so that said gauge can be adjusted according to the size of the bags to be manufactured. After the blank has been adjusted under the former in the desired position, its edges are folded up, one after the other, in proper succession, by means of wings or flaps D D' which are hinged to the top of the table A, and operated by treadles E. The connection between said flaps and the table is made in such a manner that the flaps have a tendency to open automatically, either by the action of springs, or by suitable weights, whenever the pressure of the foot on the corresponding treadle stops. For triangular bags, the shape of the former must, of course, be made triangular. The blanks are cut out square, and one edge of each blank is gummed previous to introducing the same into the machine. One blank after the other is then placed on the table A, and under the former, one corner of said blank being held in contact with the gauge as shown in red outlines in fig. 2. After the blank has been thus arranged, the flap D is made to turn up, then the outer corner is folded in by hand, and finally the flap D' is made to turn up, and the gummed edge of the blank is made to adhere to the opposite edge, so that the bag is completed. To insure the gummed edge coming in contact throughout its whole length with the opposite edge, the former is provided with a ridge, *f*, (see fig. 1,) and the flap D' is furnished at its lower surface with an elastic pad, *d*. A notch, *e*, cut in one edge of the former, enables the operator to take hold of the bag, after the same has been finished, and to remove the same from the former with ease and convenience. For square bags the shape of the former has to be changed, and an additional folding flap has to be added.

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

The former B, in combination with the table A, gauge C, and flaps D D', worked and operating substantially as and for the purpose described.

Also the notch *e* in the edge of the former, to facilitate the operation of removing the finished bags from said former, as set forth.

GUSTAV L. JAEGER.

Witnesses:

WM. F. McNAMARA,

ALEX. F. ROBERTS.