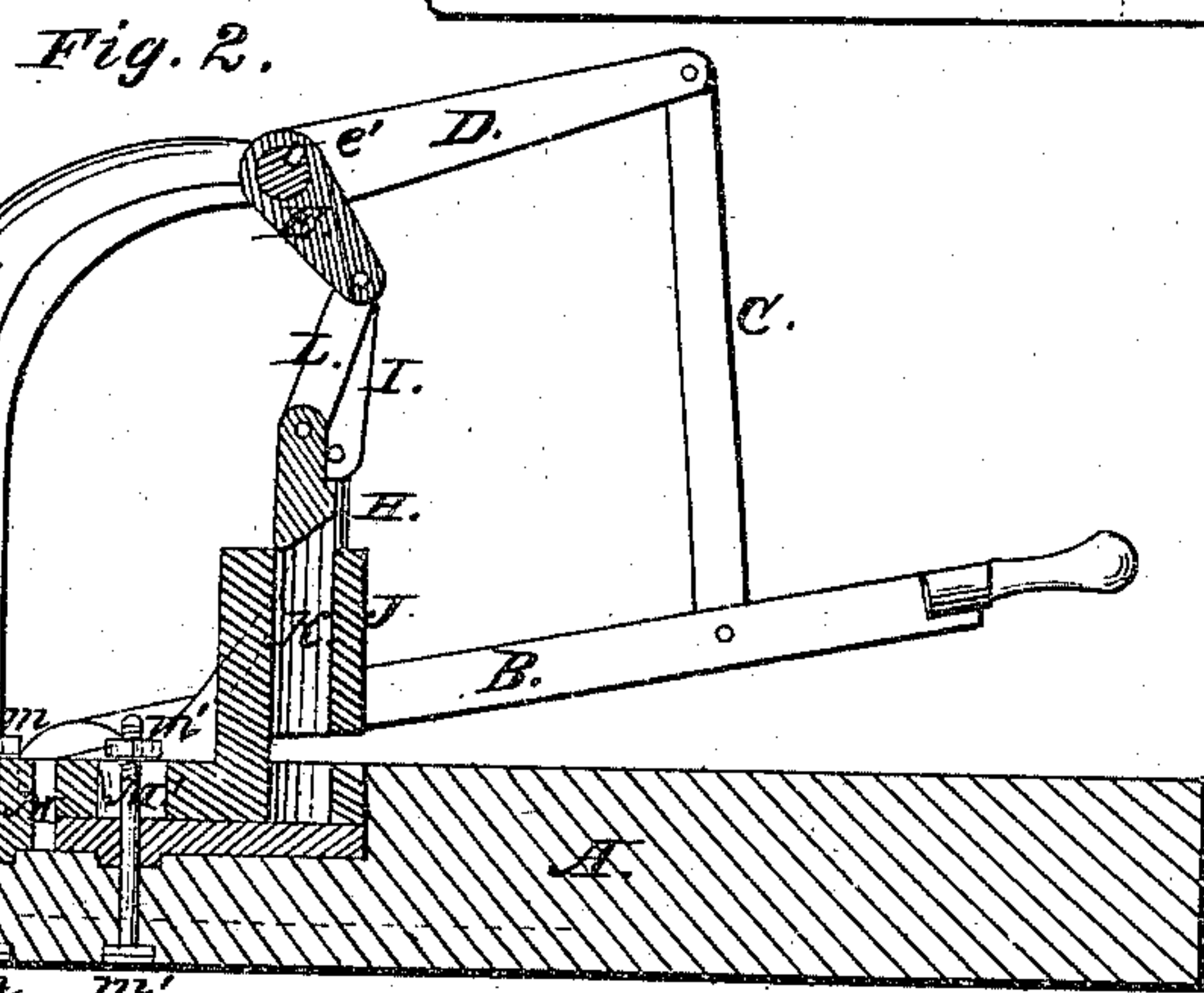
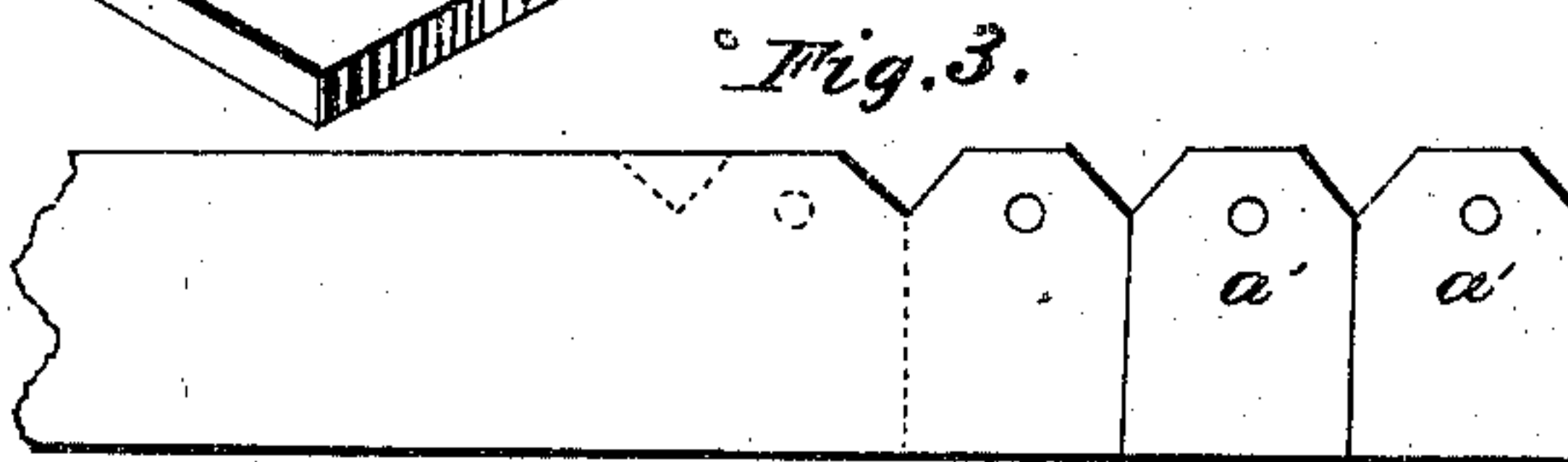
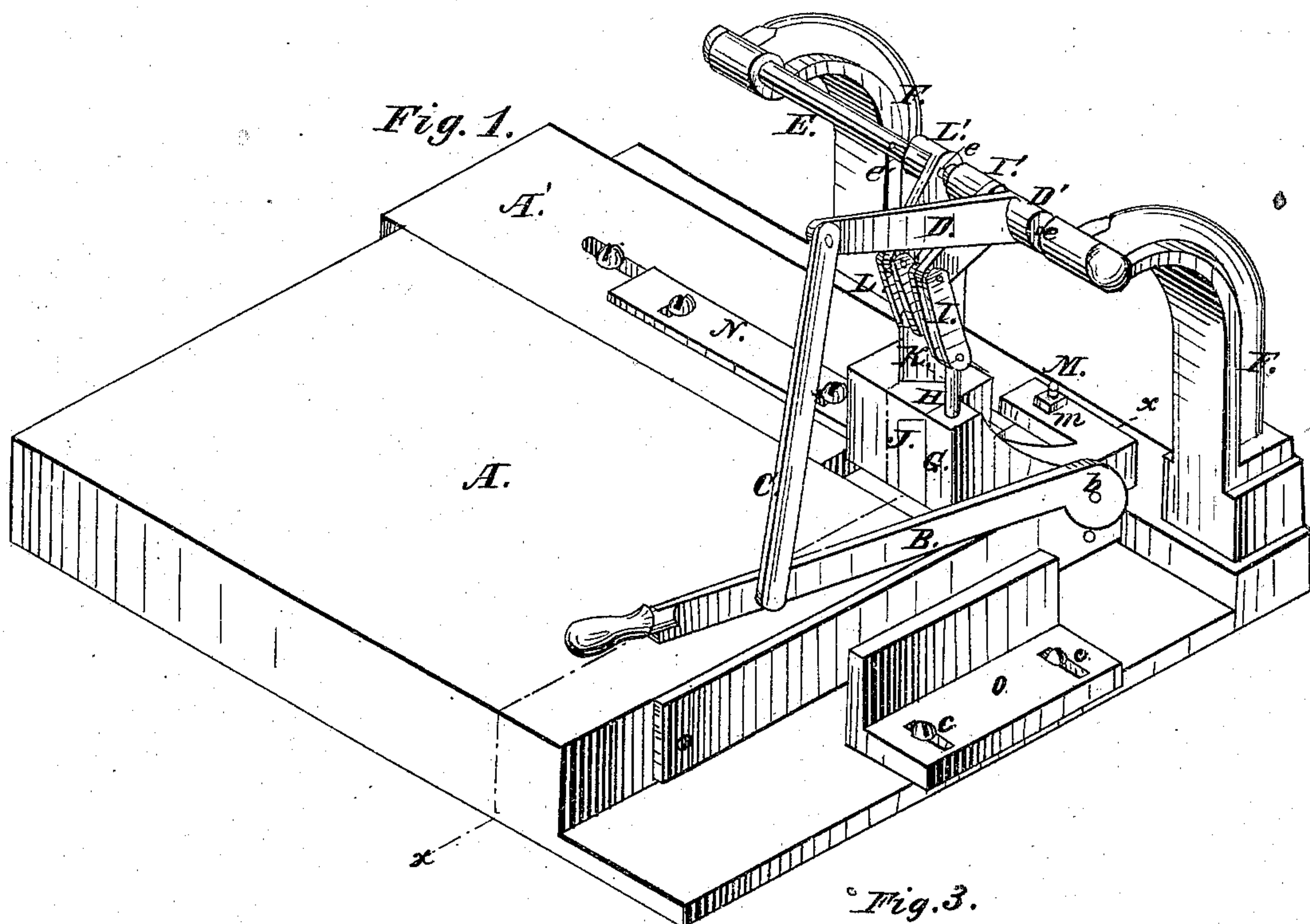


No. 43,458.

PATENTED JULY 5, 1864.

C. S. MOSELEY.

MACHINE FOR CUTTING AND PUNCHING LABELS OR TAGS.



Witnesses.

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CHARLES S. MOSELEY, OF BOSTON, ASSIGNOR TO E. W. DENNISON, OF
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MACHINE FOR CUTTING AND PUNCHING LABELS OR TAGS.

Specification forming part of Letters Patent No. 43,458, dated July 5, 1864.

To all whom it may concern:

Be it known that I, CHARLES S. MOSELEY, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and Improved Machine for Cutting and Punching Labels or Tags; and I do hereby declare the following to be a full and exact description of the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a perspective view of my improved machine. Fig. 2 is a vertical section of the same in the line *x x*. Fig. 3 represents a strip of paper from which the tags are cut.

Similar letters of reference indicate corresponding parts in the three figures.

The object of this invention is to produce a machine in the use of which the movement of the operator's hand required to sever the label or tag from the sheet will suffice to operate a punch and prepare the label or tag for the reception of an eyelet, as will be herein-after fully explained.

In order that others skilled in the art to which my invention appertains may be enabled to fully understand and use the same, I will proceed to describe its construction and operation.

In the accompanying drawings, A represents the bed or table upon which the sheet from which the tags are cut is fed to the knife B, which is worked on a pivot, as shown at *b*.

C represents a vertical arm jointed at its respective ends to the knife B, and a lever, D, the latter being provided with a cylindrical collar, D', which fits over a shaft, E. This shaft E is supported and adapted to turn freely in the upper ends of curved standards F F, and the collar D' is keyed upon the shaft E by means of a wedge, *e*, which enters a longitudinal groove, *e'*, in said shaft E and a corresponding groove in the collar D'. Thus it will be seen that the elevation and depression of the knife B produces a simultaneous reciprocating rotary movement of the shaft E.

G represents a block or guide, through which works a vertically-sliding punch, H, the upper end of which is jointed to the lower extremity of a toggle-lever, I. This lever I is formed at its upper end with a collar, I', which is keyed upon and adapted to turn with the shaft E in like manner with the collar D'.

J represents a guide-block for the triangular cutter K, which is reciprocated in a vertical plane by the toggle-lever L, which is provided with a collar, L', on its upper extremity, the said collar being fitted and keyed upon the shaft E in the manner described with relation to the collar D'.

The means employed for securing the collars I' L' upon the shaft E admit of the ready adjustment of the levers I L to any desired extent, so as to adapt the punch H and cutter K for labels or tags of different dimensions, and to conform to this adjustment of the punch and cutter their respective guide-blocks G J are made adjustable by means of screws M M' and nuts *m m'*.

A' represents an adjustable section of the table A, which may be moved back and forth in conformity with the adjustment of the block J. Upon this section A' is placed the adjustable guide N.

O represents a gage, which may be secured in any desired position by means of set-screws *o o*.

The operation of this machine will be readily understood. The office of the punch H is to perforate in the label or tag a suitable aperture for the reception of an eyelet; that of the cutter K to cut out an angular piece at a point where the knife B severs the successive labels, thus "clipping" or cutting off the corners of two contiguous labels at each descent in its operation. The blade B, punch H, and cutter K are so arranged, in connection with the shaft E, that the two latter rise simultaneously with the elevation of the former, and vice versa. Thus the combined operation of cutting, punching, and clipping the label or tag may be performed by a simple movement of the arm.

The manner of producing the tags from a continuous strip of paper or other material is represented in Fig. 3, *a' a'* representing complete tags and the red lines indicating the rest of the operations to be performed.

The machine as illustrated in the accompanying drawings is designed for cutting and clipping square labels only; but it is manifest that it may be readily modified to cut labels of any desired shape without departing from the essential principles of my invention.

Having thus described my invention, the

following is what I claim as new therein and desire to secure by Letters Patent:

1. Operating the punch H by means of the connection thereof with the knife B, in any manner, substantially as set forth.

2. The cutter K, constructed, arranged, and operating substantially as described, and employed to cut or clip the corners of the labels or tags in the manner explained.

3. The combination of the knife B, punch H, and cutter K, the whole being constructed and arranged as herein set forth, and operating simultaneously, as and for the purpose specified.

CHARLES S. MOSELEY.

Witnesses:

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