

(No Model.)

J. P. DILLIN.
BAG FASTENER.

No. 541,729.

Patented June 25, 1895.

Fig. 1.

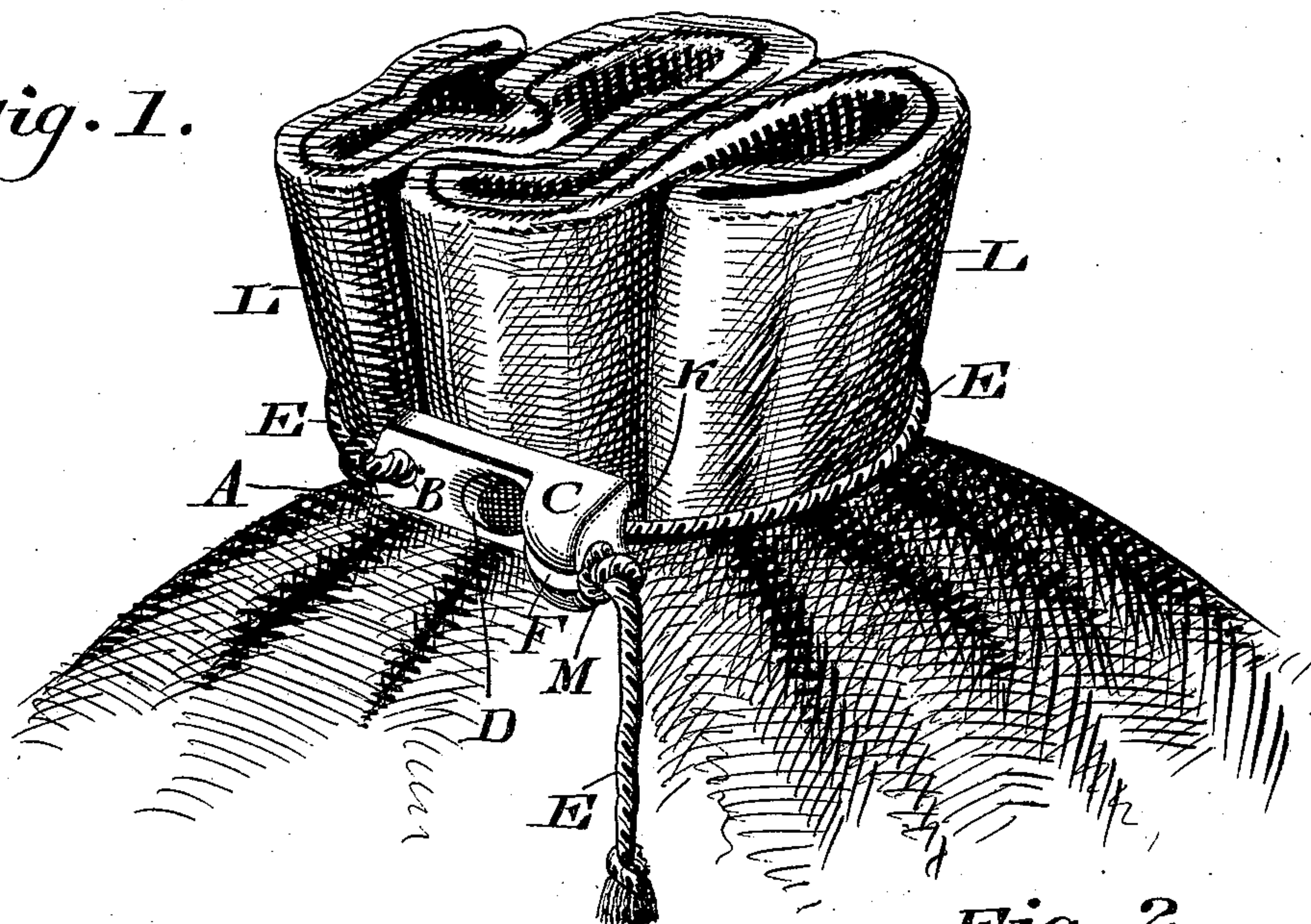


Fig. 2.

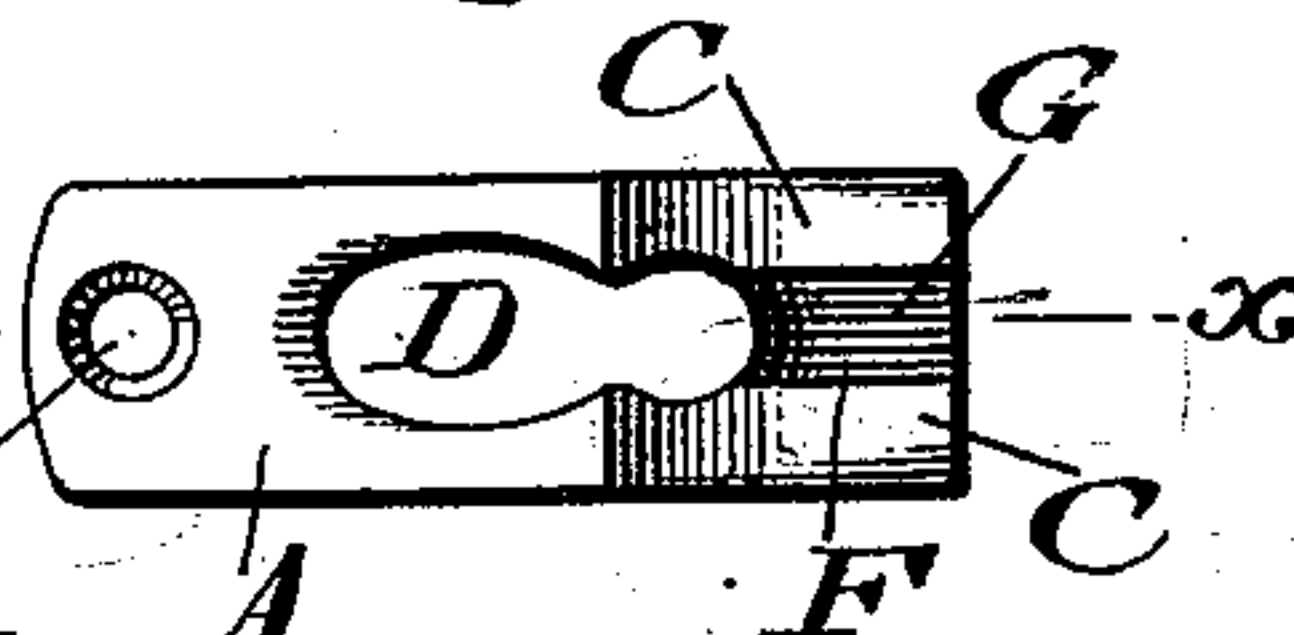


Fig. 4.

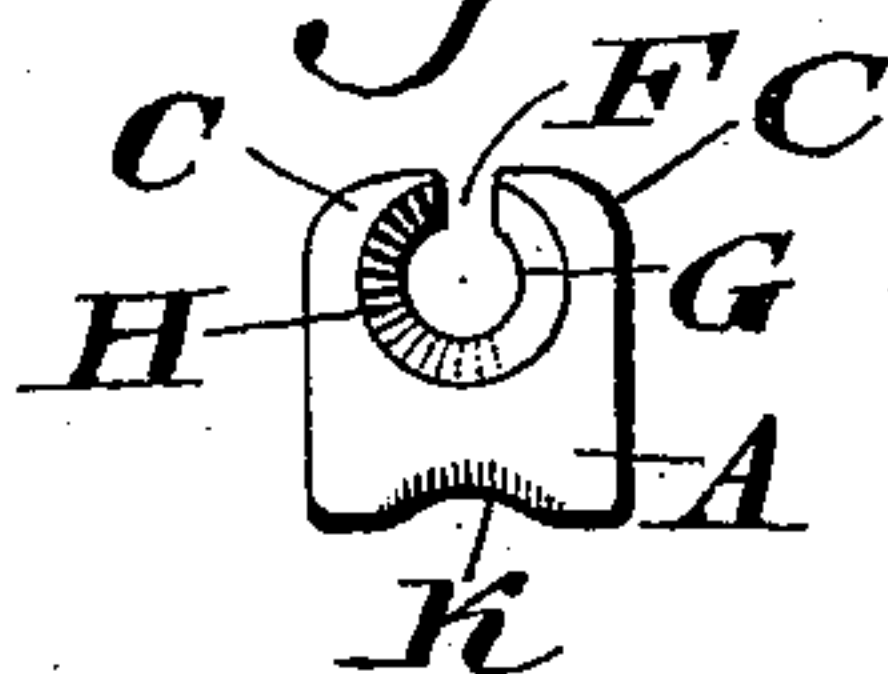
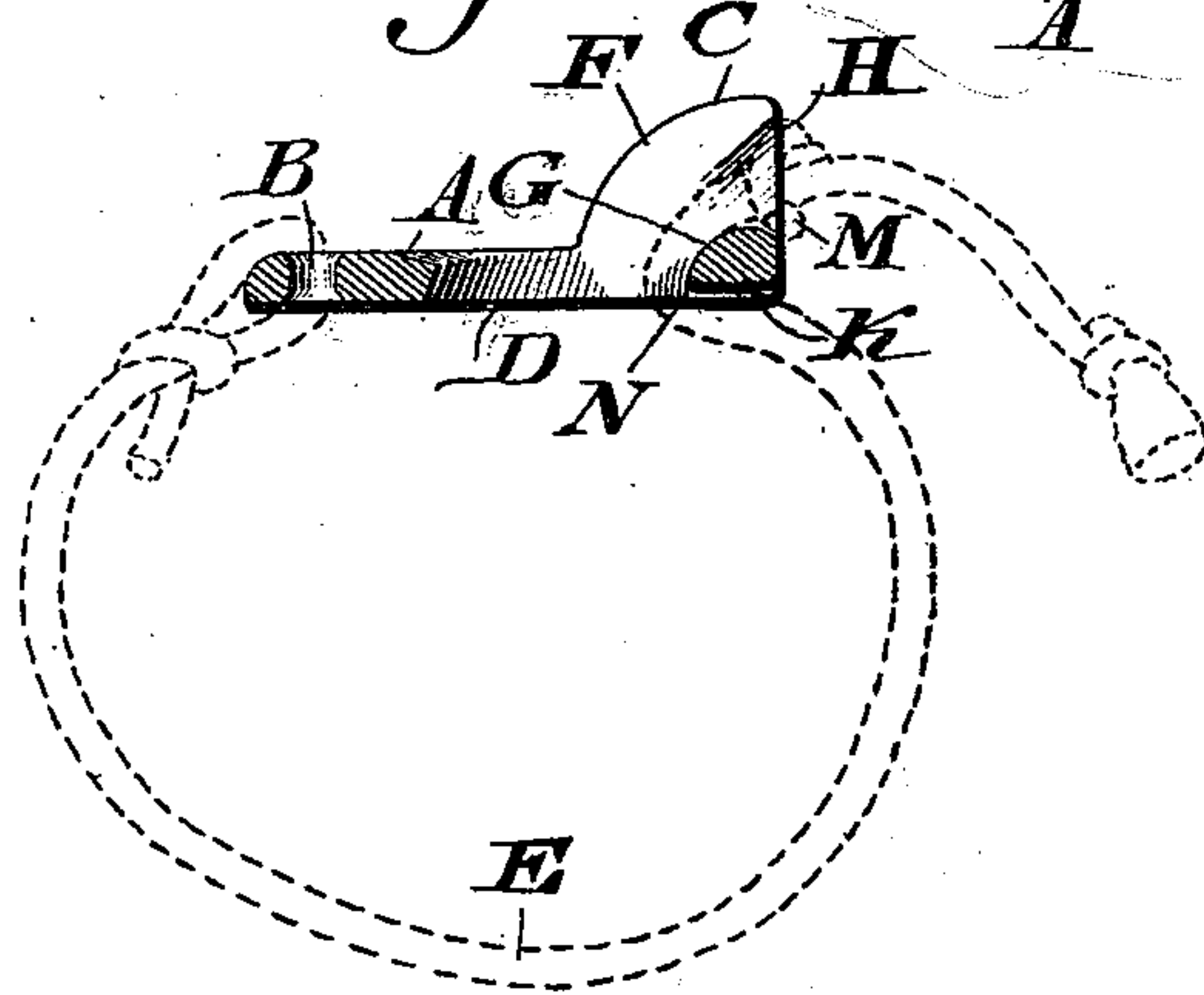


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

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BAG-FASTENER.

SPECIFICATION forming part of Letters Patent No. 541,729, dated June 25, 1895.

Application filed August 25, 1894. Serial No. 521,287. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH P. DILLIN, a citizen of the United States, residing at Ardmore, in the county of Montgomery, State of Pennsylvania, have invented a new and useful Improvement in Bag-Fasteners, which improvement is fully set forth in the following specification and accompanying drawings.

My invention consists of improvements in bag fasteners which are simple in construction and effective in operation, the novel features of which will be hereinafter set forth.

Figure 1 represents a perspective view of a bag-fastener embodying my invention, and a portion of a bag to which the same is applicable. Fig. 2 represents a top plan view of said fastener. Fig. 3 represents a section on line *xx*, Fig. 2. Fig. 4 represents an end view of Fig. 3.

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

Referring to the drawings, A designates the body of the bag fastener, and B an eye in an extension of the same.

C designates a recessed head or raised portion at the extremity of said fastener, opposite the said eye B.

D designates a throat in the body of the device, which at one end is of reduced width, the end nearer the opening D being however of sufficient width to permit the passage therethrough of a knob or swell on the cord E, one end of the latter being attached to the eye B. The throat D communicates with the recess F in the head C, said recess being of substantially the same diameter as the flexible tie or cord E, and having its base rounded as at G, the outer extremity of said recess having the counterbore H, as seen in Fig. 4.

The under portion of the fastener which contacts with the cord E, is concaved at K, so that at its junction M with the base of the recess F, is formed a "bight" N, by means of which the cord E is prevented from intermediate slipping when the parts are in the position seen in Figs. 1 and 3.

In Fig. 1, the device is shown in operative position, L designating the upper portion of a bag, which is gathered together and has the

cord E passed around it, one end of said cord being secured to the fastener at B, while the other end is passed through the throat D, and then pulled to the right until the knot or swell M is in the position seen in Figs. 1 and 3, at which point it will be firmly held, as is evident.

Especial attention is called to the function attained by having the bight N acting in conjunction with the knot M, the cord E being thereby prevented from slipping outwardly, owing to said bight, or inwardly, owing to said knot, and it will also be noted that the knot or swell M of the flexible tie, when the same is in operative position as seen in Figs. 1 and 3, is below the top of the head C, so that the liability of said knot being struck or displaced by any object at the side and top of the fastener, is reduced to a minimum. To unfasten the tie, it is only necessary to draw the knot M upwardly out of engagement with the counter-bore and pull it toward the throat D, the bight N holding stationary that portion of the tie contacting therewith, whereupon the knot can then pass readily through said throat as is evident.

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

1. A bag fastener consisting of the body piece A, having the flexible tie with a knot or swell thereon attached thereto, said body piece having the recessed head C, throat D, and the recess K on the under face forming the "bight" N, substantially as described.

2. As an article of manufacture, the herein described bag fastener, consisting of the body piece A, throat D, of reduced width at one end, the head C and recess F in said head, substantially as described.

3. As a new article of manufacture, a bag fastener consisting of a block having the body A with an eye B at one end, a head C at the other end, a throat D in its body with a reduced width at the end adjacent to said head, the recess F on the upper face and the recess K on the under face of said head, and a flexible cord secured to said eye and having a swell or knob adapted to pass through said

throat, but not through said recess F, said parts being combined substantially as described.

5 4. As an article of manufacture, a bag fastener, consisting of the body piece A having the eye B, and throat D therein, the head C and the recess F therein, said head being counterbored at H, and having its under side

concaved at K, in combination with a flexible tie secured thereto, and having a knot or swell thereon, substantially as described.

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