

J. M. TERRY & E. WATERBURY.

Hemmers.

No. 151,807.

Patented June 9, 1874.

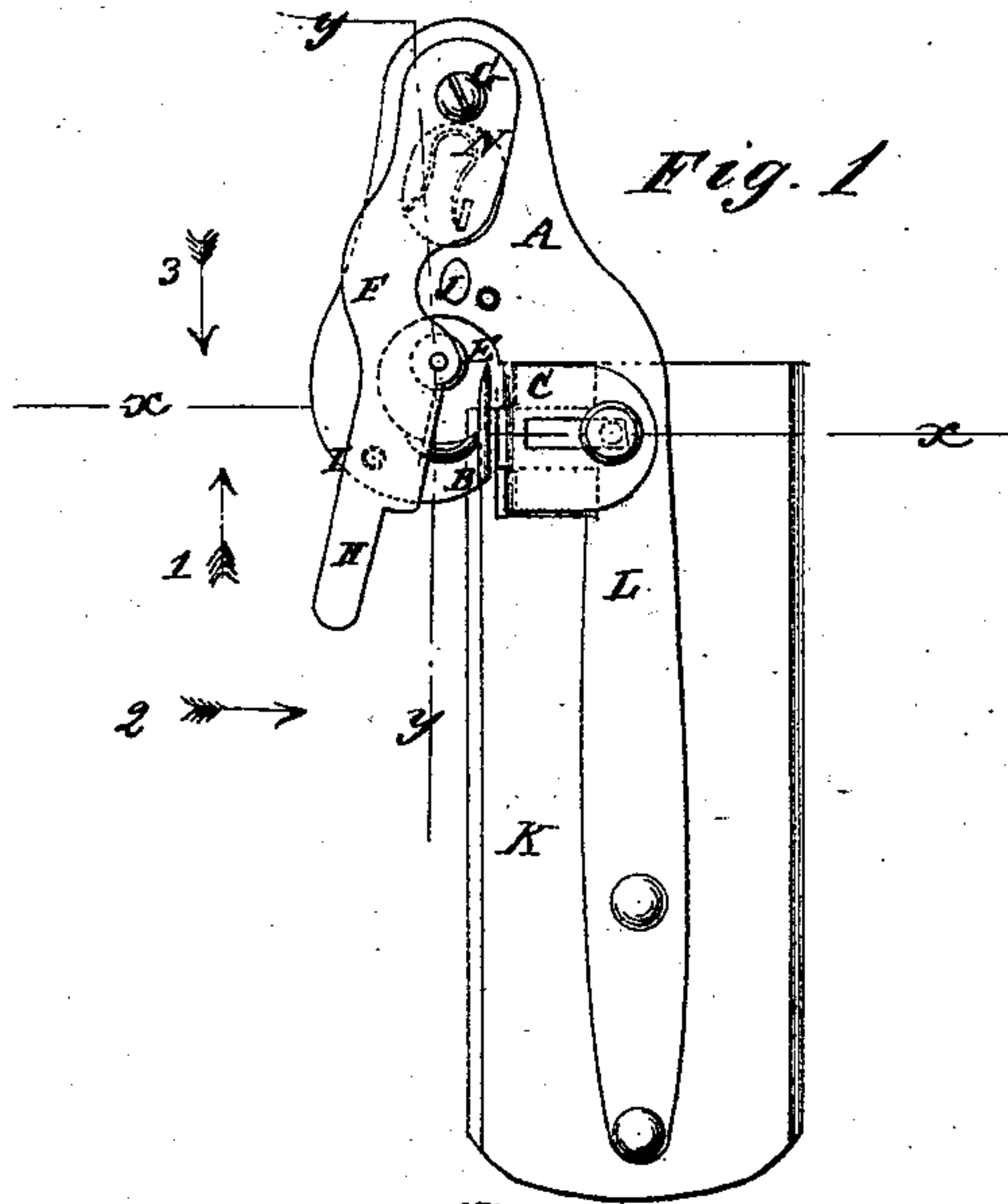


Fig. 2

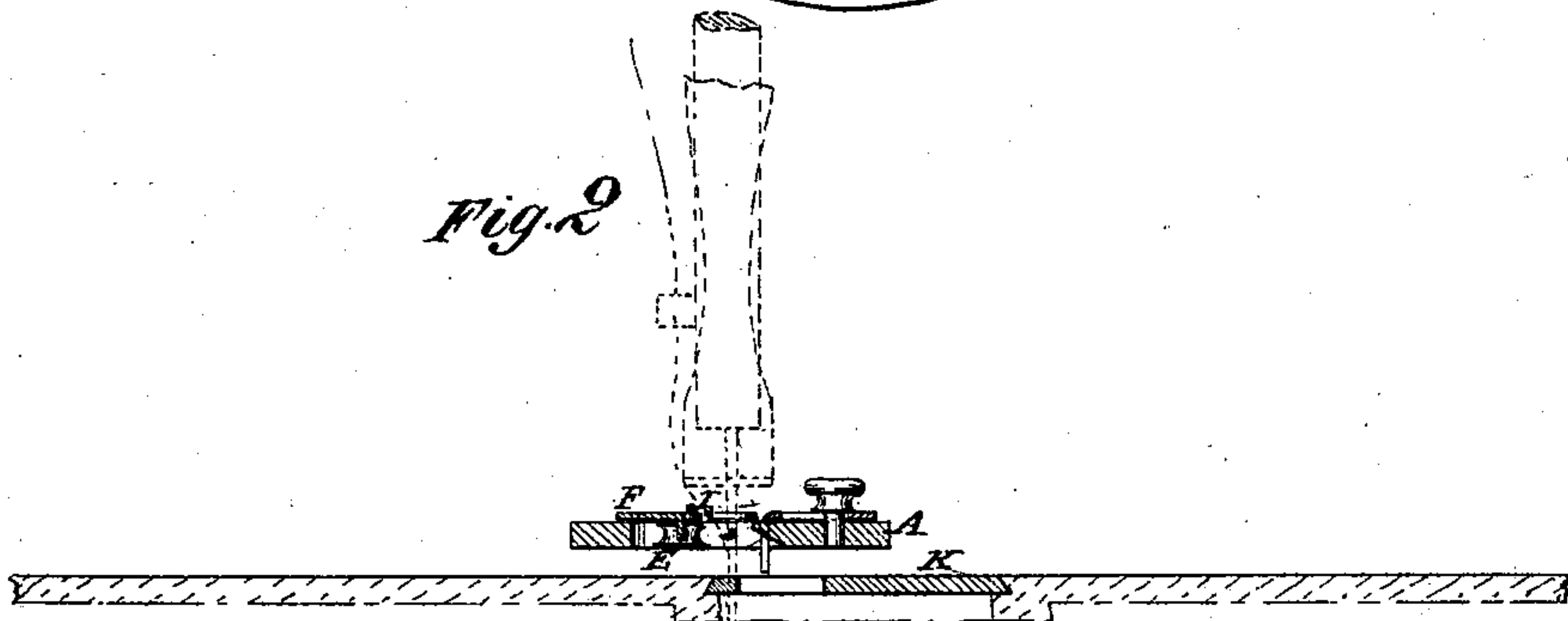


Fig. 3

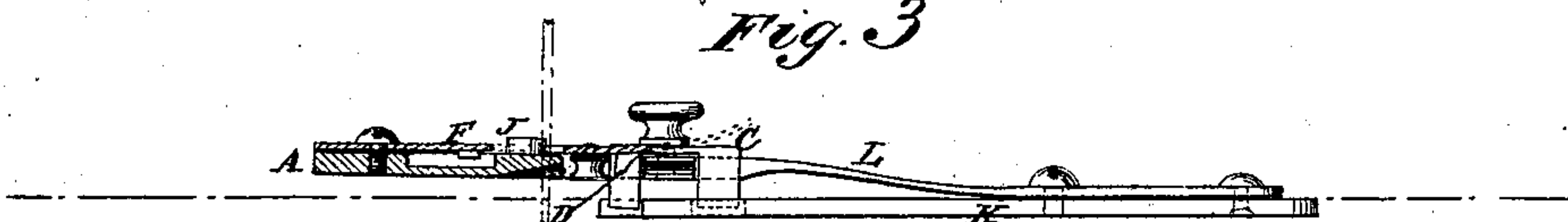


Fig. 4

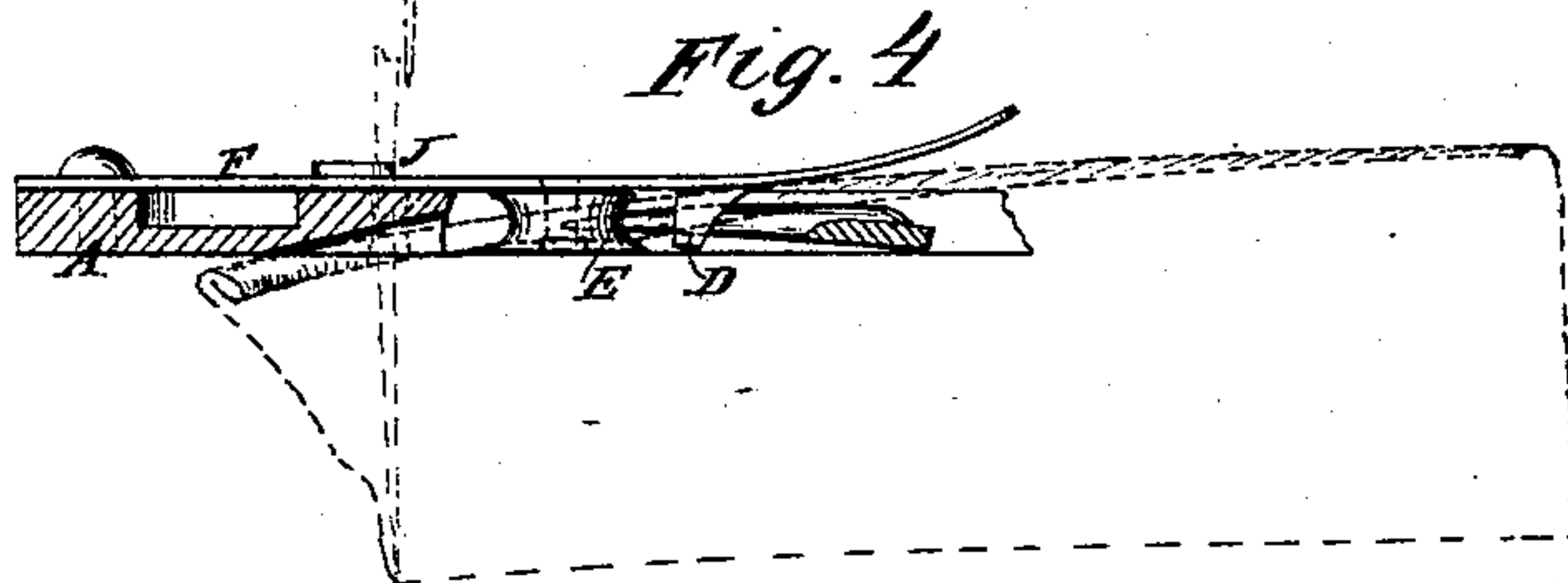


Fig. 5



WITNESSES:

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UNITED STATES PATENT OFFICE.

JAMES M. TERRY, OF WILLIAMSBURG, NEW YORK, AND ENOS WATERBURY,
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IMPROVEMENT IN HEMMERS.

Specification forming part of Letters Patent No. **151,807**, dated June 9, 1874; application filed
February 21, 1874.

To all whom it may concern:

Be it known that we, JAMES M. TERRY, of Williamsburg, in the county of Kings and State of New York, and ENOS WATERBURY, of Stamford, in the county of Fairfield and State of Connecticut, have invented a new and Improved Hemmer, of which the following is a specification:

The invention consists in a hemmer constructed as hereinafter described, and attached by a spring-plate to the shuttle slide-plate or bed of the machine.

Figure 1 is a plan view of our improved hemmer. Fig. 2 is a cross-section looking in the direction of arrow 1. Fig. 3 is a longitudinal section looking in the direction of arrow 2. Fig. 4 is an enlarged section, similar to Fig. 3, showing the application of the cloth; and Fig. 5 is a cross-section looking in the direction of arrow 3.

Similar letters of reference indicate corresponding parts.

A is the supporting-plate; B, the tongue over which the cloth is folded; C, the adjustable guide for regulating the width of the hem; D, the curved guide for turning the edge of the cloth down; and E, the flanged wheel for folding it under the tongue. This wheel turns with the cloth, and thus allows it to pass with less friction than is caused by the ordinary scroll, and makes it less liable to catch and clog. The fold of the hem runs in the groove of the roller. The roller E and curved guide D are mounted on the swing-plate F, which is pivoted to the supporting-plate at G, and ranges alongside of the tongue, and extends

beyond at the front by a handle, H, so that it can be swung away to the left for convenience in introducing the cloth. It has a catch-stud, I, for holding it back, and a spring, N, for holding it in the working position, and regulate the roller and turning-plate to the irregularities of the cloth. As the supporting-plate extends under the presser-foot, it is provided with a stud, J, rising a little higher than the plate F, and on this presser-foot rests. The supporting-plate A is connected to the removable slide-plate K by a spring, L, which allows plate A to rise and fall with the feed, and also to rise from the table when passing over seams.

The plate K is used either in the slot of the cloth-plate or on its top, for attaching the supporting-plate. The plate L will have a screw-hole in it for a screw, for fastening it to the top of the cloth-plate.

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

1. The supporting-plate A and stud J, combined with the swing-plate F, guide D, flanged wheel E, and adjustable guide C, all arranged and operating substantially as described.

2. The combination, with the supporting-plate A and hemming devices, of the spring L and plate K, substantially as described.

JAMES M. TERRY.
ENOS WATERBURY.

Witnesses:

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