

(No Model.)

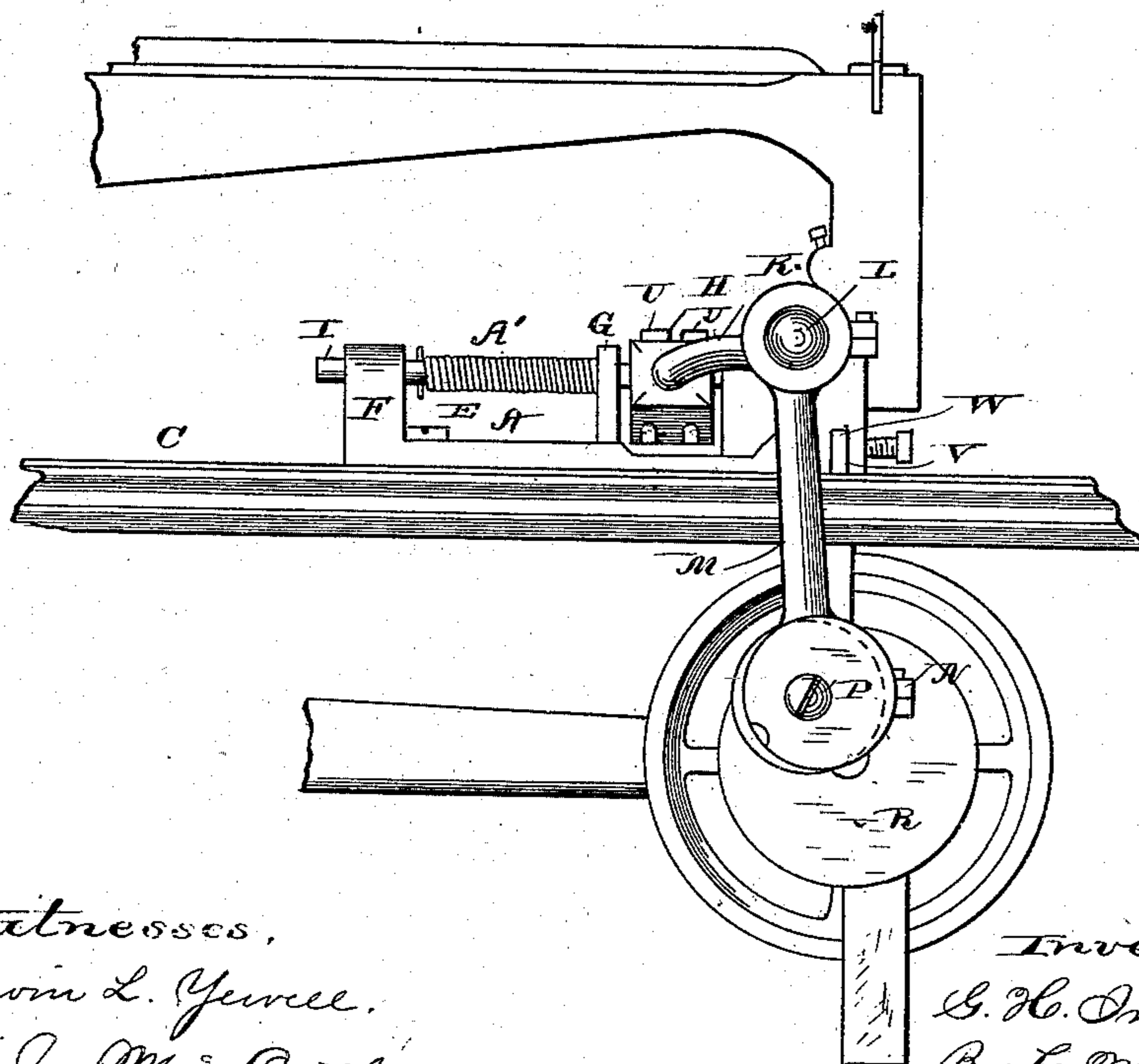
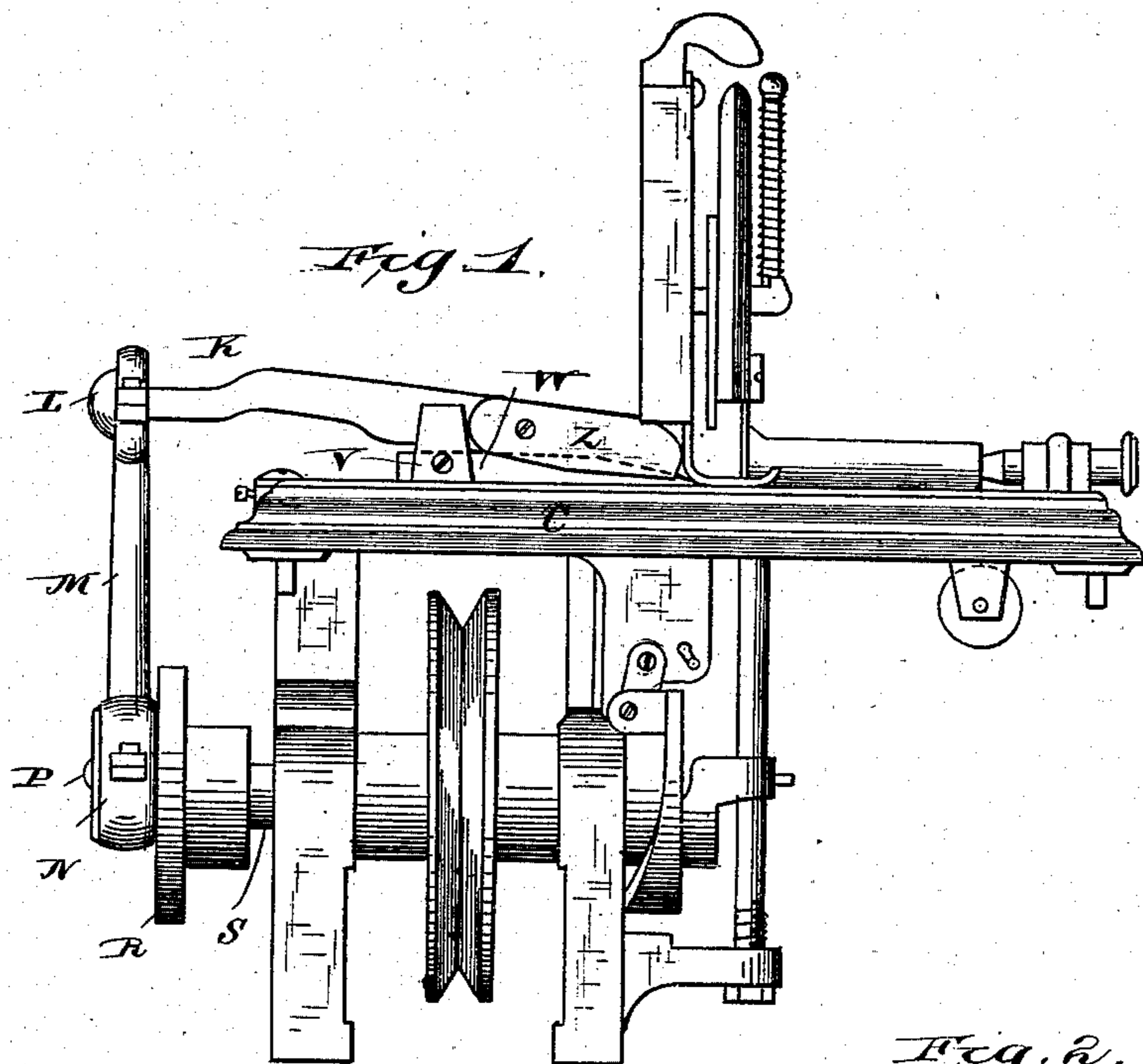
2 Sheets—Sheet 1.

G. H. INMAN.

TRIMMING ATTACHMENT FOR SEWING MACHINES.

No. 258,069.

Patented May 16, 1882.



Witnesses,
Edwin L. Yewell.
J. J. McCarthy.

Inventor,
G. H. Inman
By C. M. Alexander
Atty

(No Model.)

2 Sheets—Sheet 2.

G. H. INMAN.

TRIMMING ATTACHMENT FOR SEWING MACHINES.

No. 258,069.

Patented May 16, 1882.

Fig. 3.

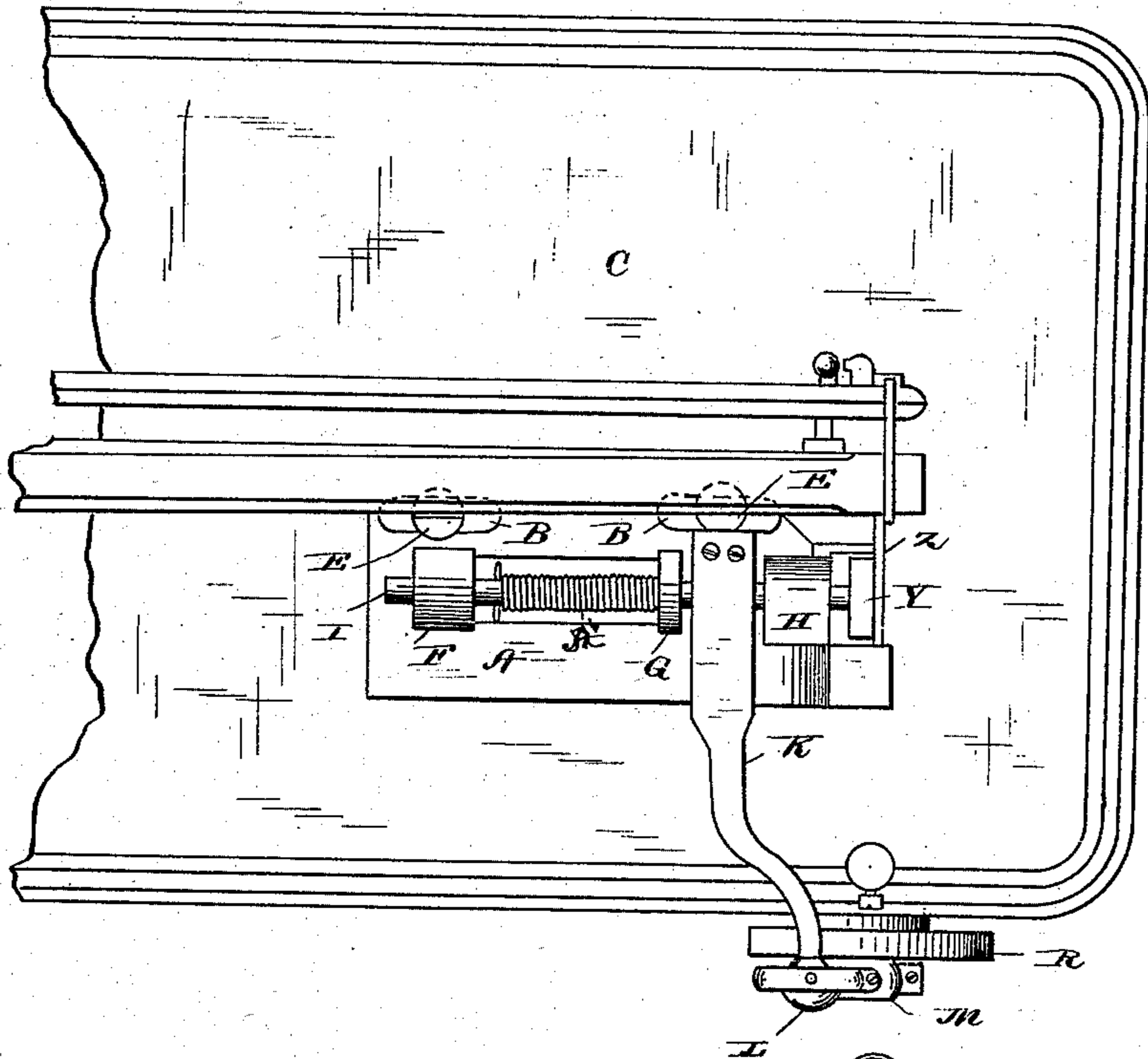


Fig. 4.

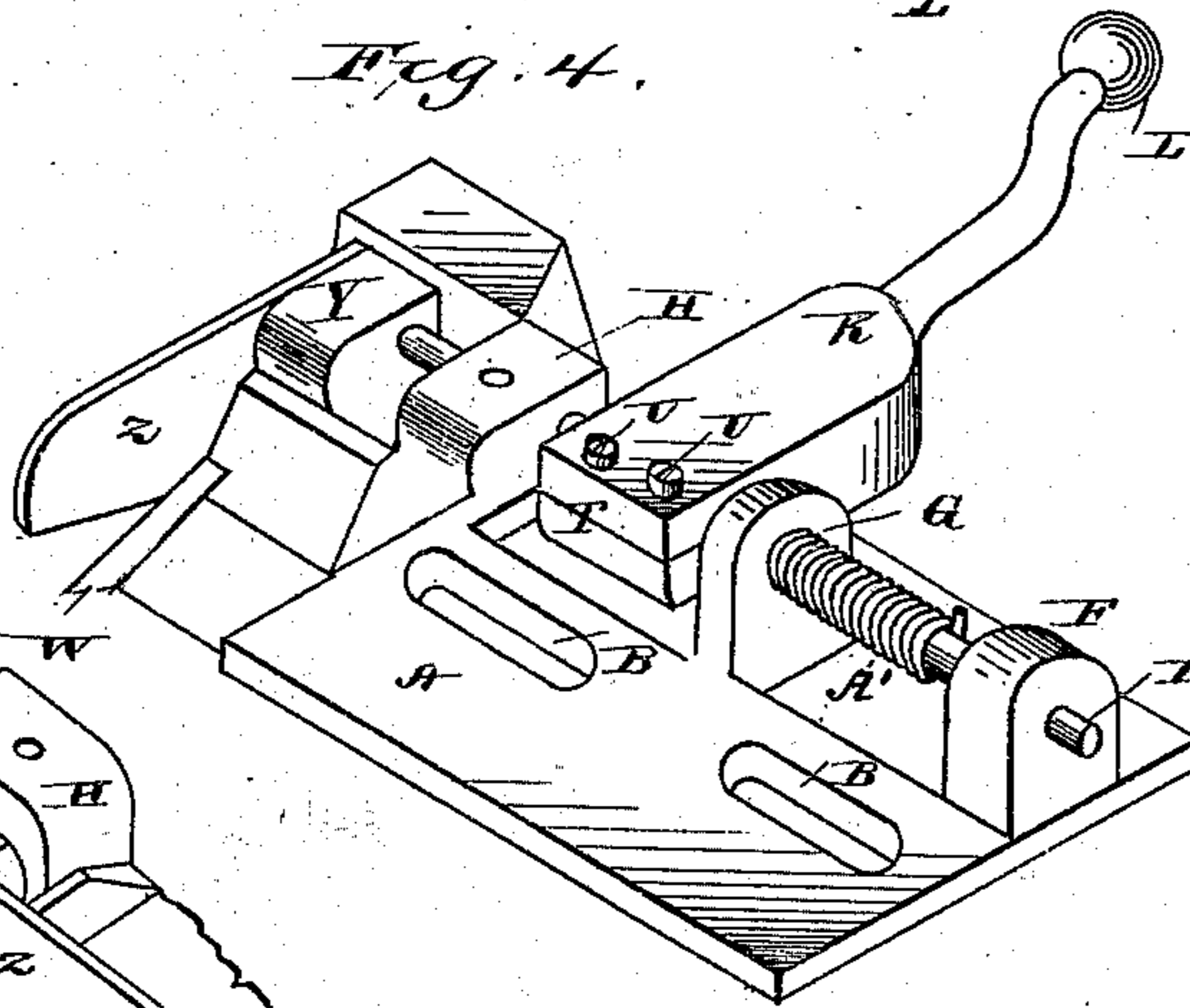
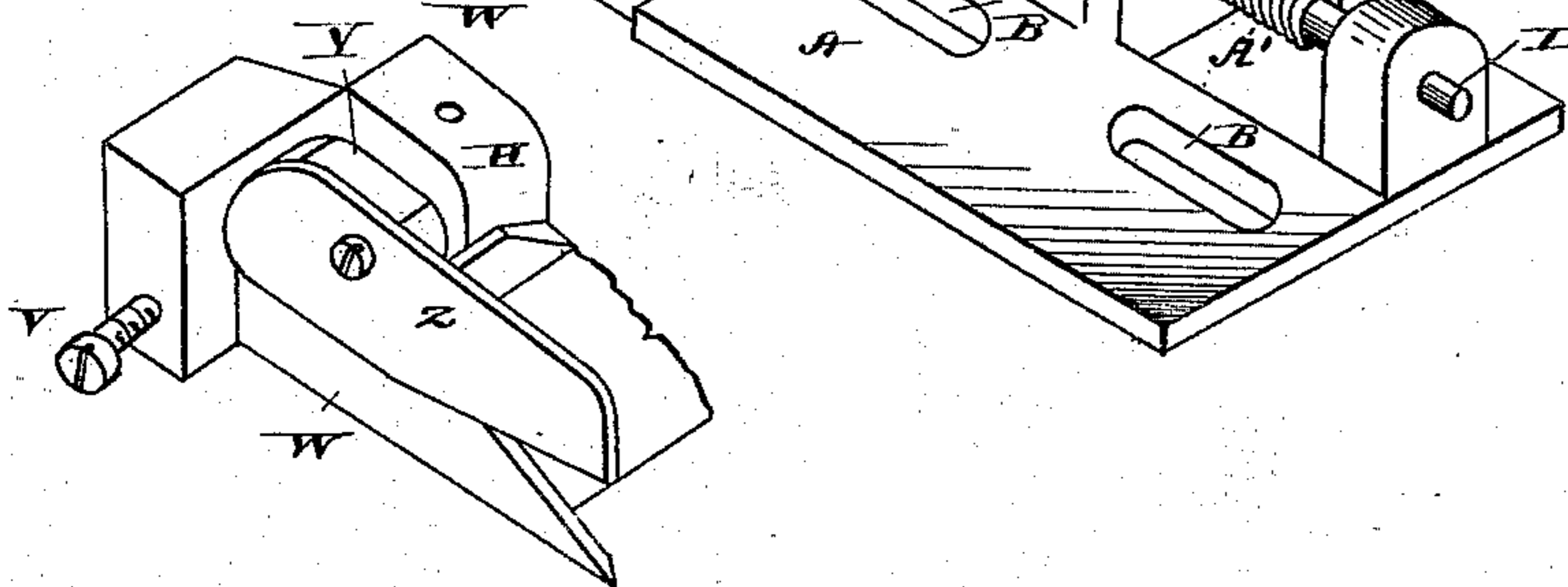


Fig. 5.



Witnesses,
Edwin L. Yewell,
J. J. M. Carthy.

Inventor,
G. H. Inman
By C. M. Alexander
his Attorney

UNITED STATES PATENT OFFICE.

GILBERT H. INMAN, OF AMSTERDAM, NEW YORK.

TRIMMING ATTACHMENT FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 258,069, dated May 16, 1882.

Application filed February 21, 1882. (No model.)

To all whom it may concern:

Be it known that I, GILBERT H. INMAN, of Amsterdam, in the county of Montgomery, and in the State of New York, have invented certain new and useful Improvements in Trimming Attachments for Sewing-Machines; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

This invention relates to certain improvements in trimmers or trimming attachments for sewing-machines; and it has for its objects to provide a device which may be attached to the bed of a sewing-machine and connected with the working parts thereof in such manner as to trim the edges of the fabric at any desired distance from the seam as the fabric is stitched, as more fully hereinafter specified. These objects I attain by the device and mechanism illustrated in the accompanying drawings, in which—

Figure 1 represents a front view of a sewing-machine with my device applied thereto; Fig. 2, a side elevation of the machine, showing my device in position; Fig. 3, a top view of the machine, showing my device; Fig. 4, a perspective view of the device detached; and Fig. 5 represents a detached perspective view, showing the means of attaching and adjusting the stationary blade.

The letter A indicates a metallic plate, slotted, as indicated by the letter B, and adapted to be secured to the bed of the machine O by means of the set-screws E. The said plate is provided with standards F G H, forming bearings for a rock-shaft, I, to which is rigidly secured one end of a bent lever, K, the other end of which is provided with a ball, L, to which is secured the upper strap of a link, M, the lower strap, N, of which is attached to a wrist-pin, P, on the disk R, secured to one end of the driving-shaft S of the machine. The lever K is split, as indicated by the letter T, and is adjustably secured to the rock-shaft I by means of binding-screws U. The lower portion of the forward part of the plate A is provided with a transverse vertical slot, V, in which is clamped a stationary shear-blade, W;

and to the head Y of the rock-shaft I is secured a vibrating shear-blade, Z, which is adapted to work in conjunction with the stationary blade to trim the fabric as it is stitched.

The operation of my invention is as follows: The plate is adjusted to the bed of the machine by means of the set-screws in such position as to present the shears properly to the edge of the cloth. The bent lever being connected with the link, upon operating the machine the feed-mechanism, as the stitches are formed, advances the edge of the fabric to the shears, which properly trim such edge. The machine employed is such as to make an elastic stitch, such as the Grover & Baker or other double-thread lock-stitch.

The rock-shaft I is provided with a spiral spring, A', which keeps the cutting-edges of the two blades in contact with each other, the rock-shaft having a slight endwise movement for the purpose.

The peculiar shape and method of attachment of the stationary blade permit it to be set along or adjusted as it becomes worn, the adjustment being effected by means of the set-screw, the shank of the blade being capable of a movement back and forth in its slot or seat for the purpose.

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

In combination with the plate adapted to be adjusted to the bed of the machine, the rock-shaft journaled in bearings in suitable standards on said plate, the bent lever adjustably secured to the rock-shaft and adapted to be connected with the operating mechanism of the machine, the stationary shear-blade secured to the plate and adapted to be adjusted longitudinally in line with its cutting-edge, and the vibrating blade secured to the rock-shaft, the whole arranged to operate substantially as specified.

In testimony whereof I affix my signature, in presence of two witnesses, this 10th day of February, 1882.

GILBERT H. INMAN.

Witnesses:

SAMUEL MOAK,
J. SPENCER FISHER.