

(Model.)

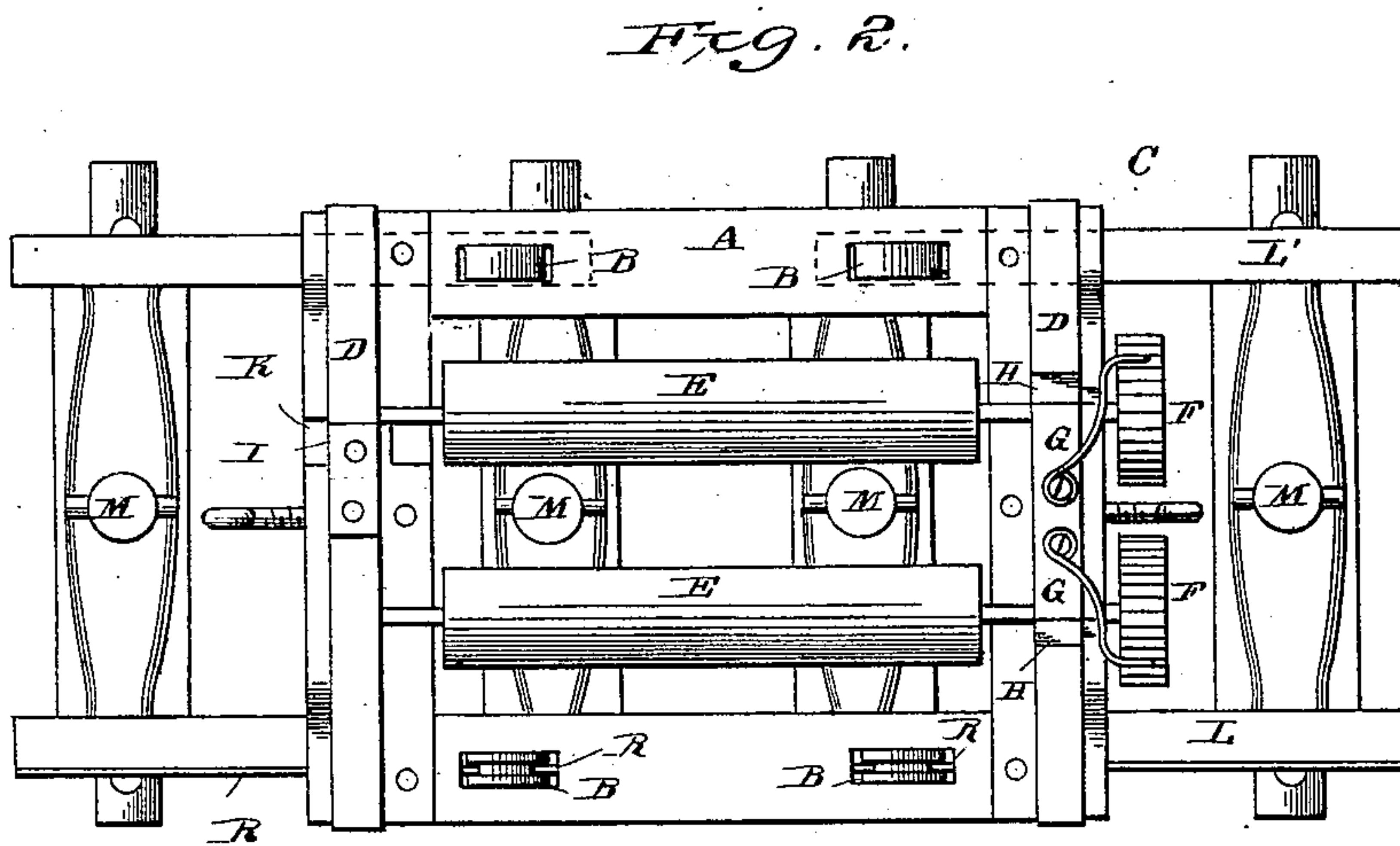
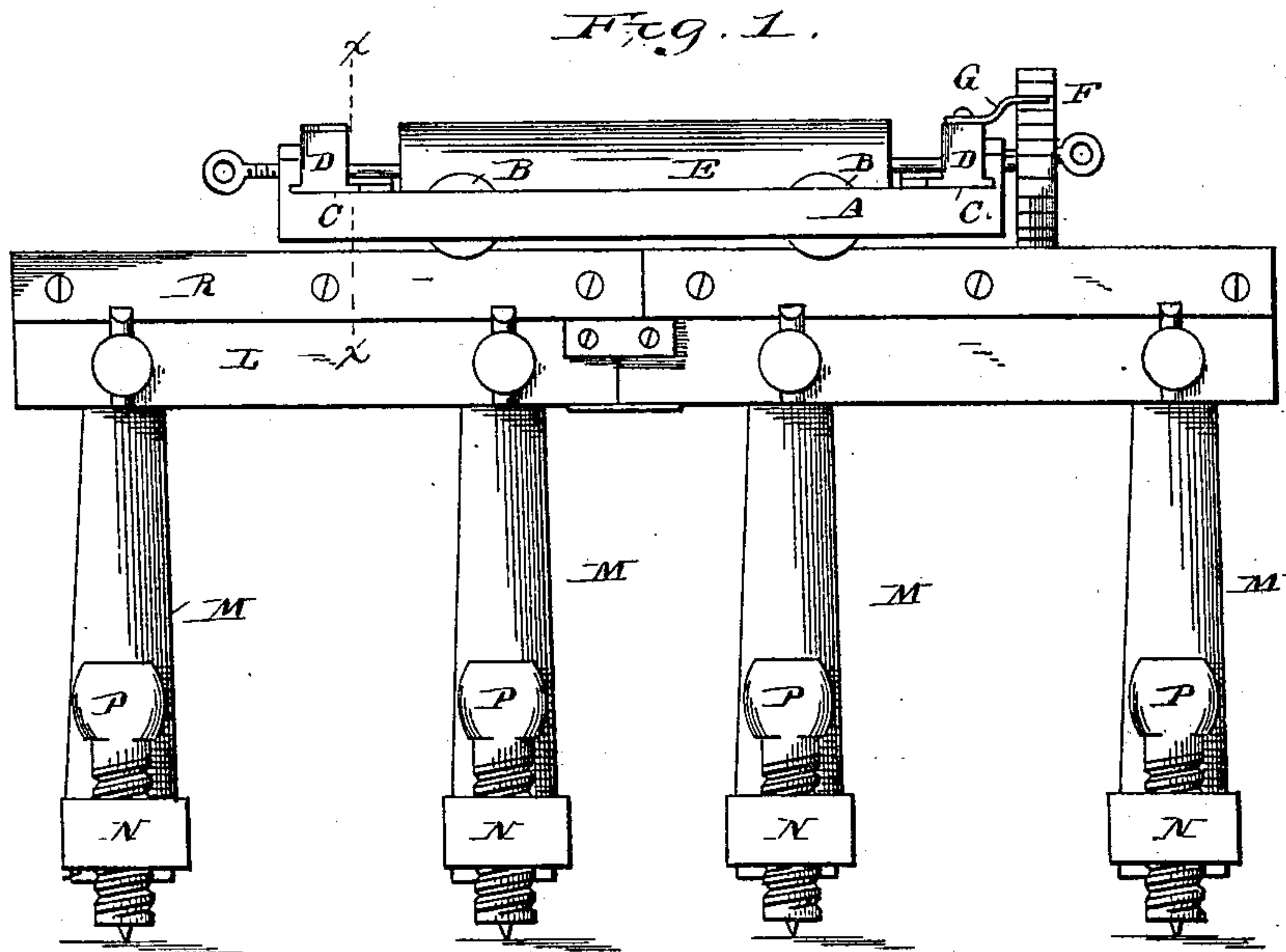
2 Sheets—Sheet 1.

A. HEARTSILL.

QUILTING ATTACHMENT FOR SEWING MACHINES.

No. 272,688.

Patented Feb. 20, 1883.



WITNESSES  
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INVENTOR  
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(Model.)

2 Sheets—Sheet 2.

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Fig. 3.

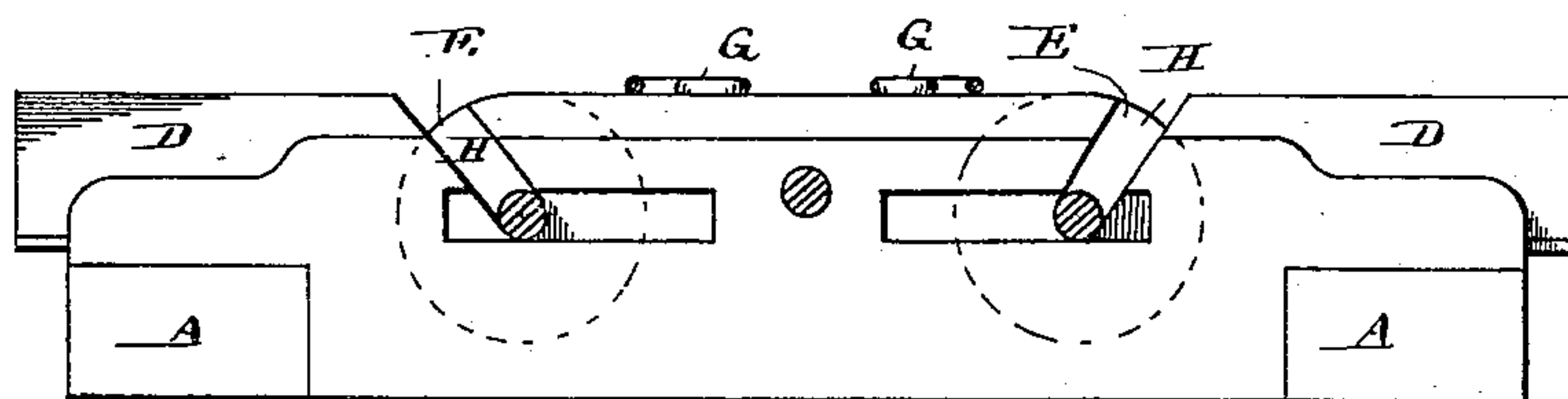


Fig. 5.

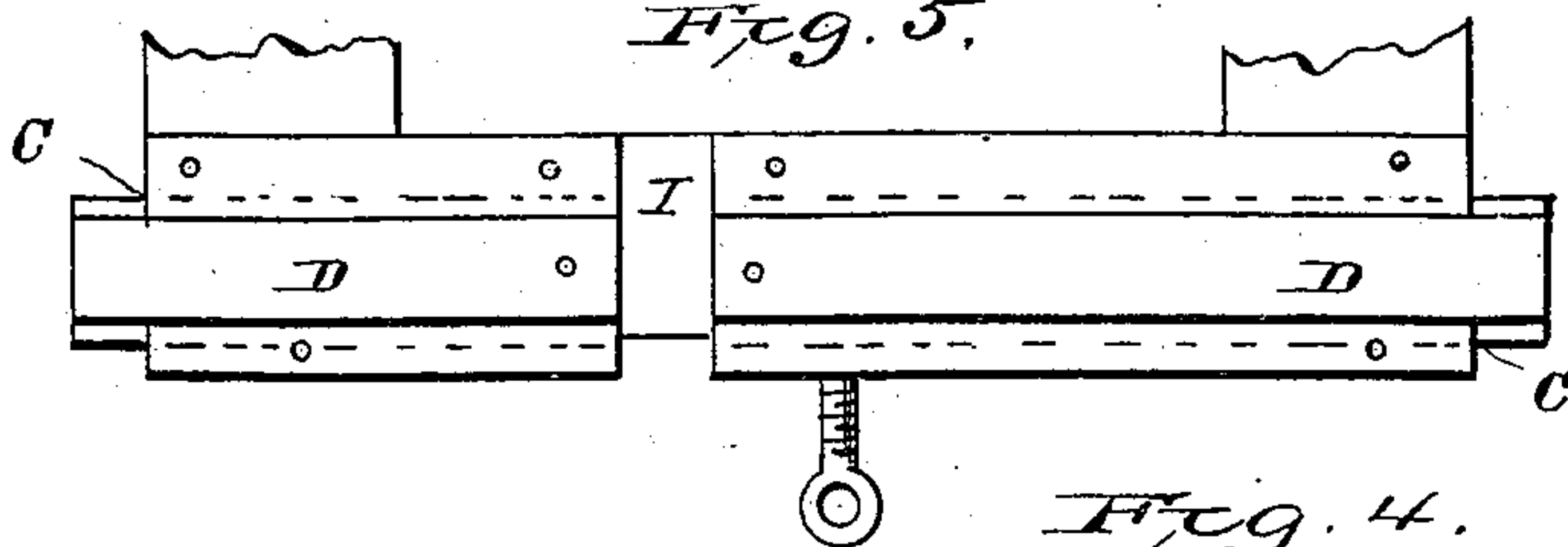


Fig. 4.

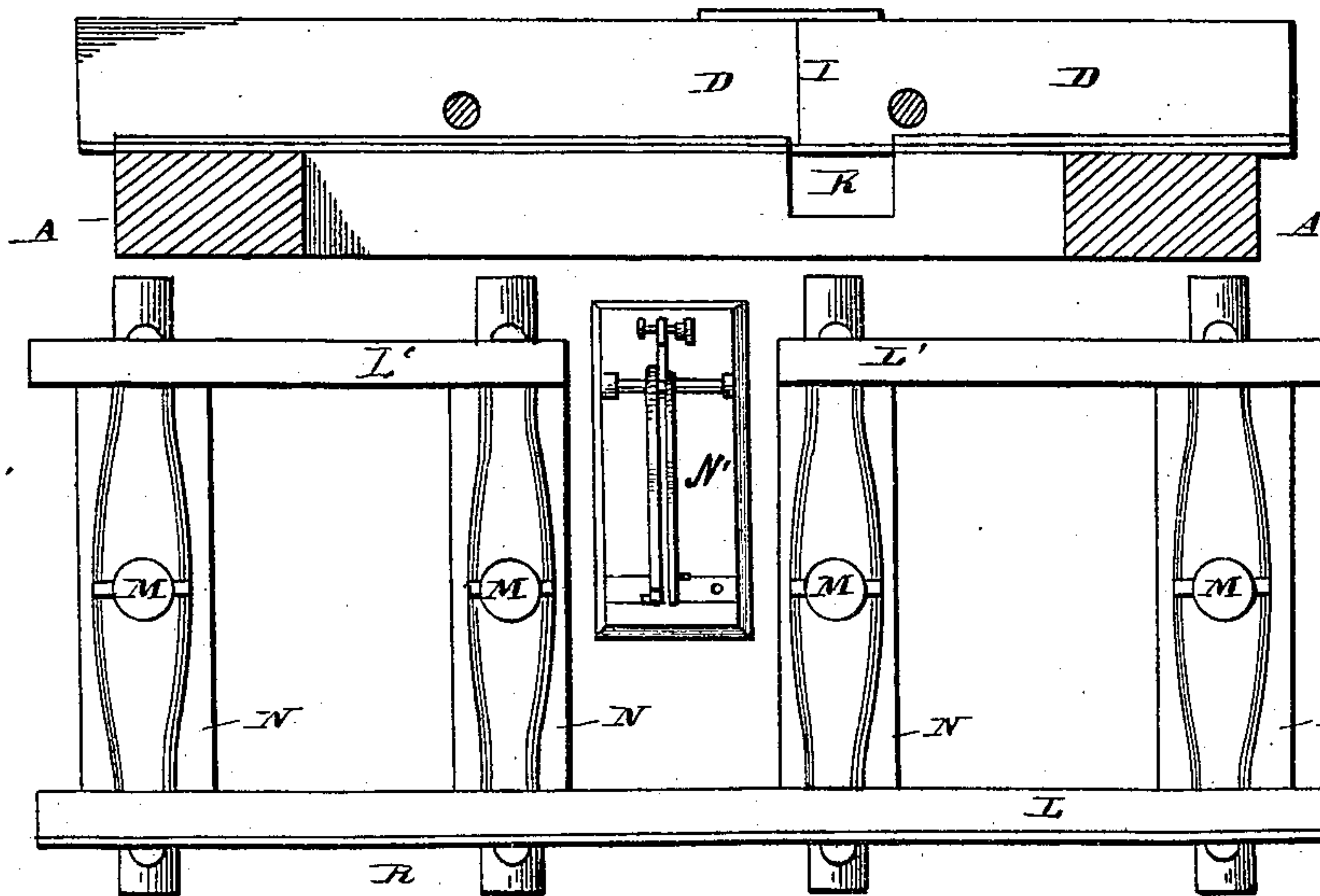


Fig. 6.

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# UNITED STATES PATENT OFFICE.

ABRAM HEARTSILL, OF LOUISVILLE, TENNESSEE.

## QUILTING ATTACHMENT FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 272,688, dated February 20, 1883.

Application filed August 24, 1882. (Model.)

*To all whom it may concern:*

Be it known that I, ABRAM HEARTSILL, of Louisville, in the county of Blount, and in the State of Tennessee, have invented certain new and useful Improvements in Quilting-Frames; 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 quilting-frames to be used in connection with a sewing-machine; and it has for its objects to provide certain improved means for supporting, holding, and adjusting the material to be quilted, so as to present it properly to the sewing-machine, as more fully herein-after specified.

The above-mentioned objects I attain by the means illustrated in the accompanying drawings, in which—

Figure 1 represents a side elevation of my apparatus; Fig. 2, a top view thereof; Fig. 3, an end view of a traveling frame, showing the shafts of the rollers which carry the material to be quilted in section; and Fig. 4, a vertical sectional view of the carriage on the line  $xx$  of Fig. 1. Fig. 5 represents a detached view of the divided head-block, and Fig. 6 represents a top view of the supporting-frame, with the traveling frame removed.

The letter A indicates the quilting-frame proper, which is mounted upon rollers B. The said frame is formed with ways C, extending transversely across it near each end, in which are adapted to slide the head-blocks D, in which are journaled the shafts of two parallel rollers, E, which project at one end, and are provided with ratchet-wheels F, the latter being held by pawls G, secured to the head-block. The rollers are for the purpose of holding the material to be quilted, which is wound upon them, a portion being stretched between the two. One of the head-blocks has open oblique slots H, leading to the bearings for the roller-shafts, for the purpose of permitting the rollers to be readily removed from or inserted in the

frame. One of the head-blocks is divided, as shown at I, and the carriage has a recess, K, as shown in Figs. 2, 4, and 5, whereby provision is made for introducing the fabric to be quilted between the needle and the bed-plate of the machine, which is done by passing the needle-bar through the recess in the end of the frame by sliding the latter forward. The frame A travels on beams L L', which are mounted on standards M, secured to the horizontal beams N, which rest upon screw-legs P, by means of which the quilting-frame may be elevated or depressed to suit any sewing-machine. The screw-legs P have points  $p$  at their lower ends, which form bearings upon which the screws may be turned without shifting the frame, as the points take slightly into the floor and hold the said frame. One of the beams, L, is provided with a rail, R, the rollers on the corresponding wheel of the frame being grooved, so as to run upon the rail as a guide.

In operation the material to be quilted is wound upon the rollers in the quilting-frame. The sewing-machine N' is placed between the ends of the two beams L', Fig. 1, at one side of the apparatus, with the needle-bar arm extending over one of the rollers. The stitching is spaced by moving the frame A along the supporting-beam, the sewing being accomplished between the rollers.

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

In combination with the traveling frame provided with a recess at one end, the divided head-block whereby provision is made for introducing the fabric to be quilted between the needle and the bed-plate of the machine, substantially as and for the purpose specified.

In testimony whereof I affix my signature, in presence of two witnesses, this 26th day of July, 1882.

ABRAM HEARTSILL.

Witnesses:

J. C. M. BOYLE,  
E. GODDARD.