

(No Model.)

E. MARTIN.
QUILTING FRAME.

No. 449,801.

Patented Apr. 7, 1891.

Fig. 1.

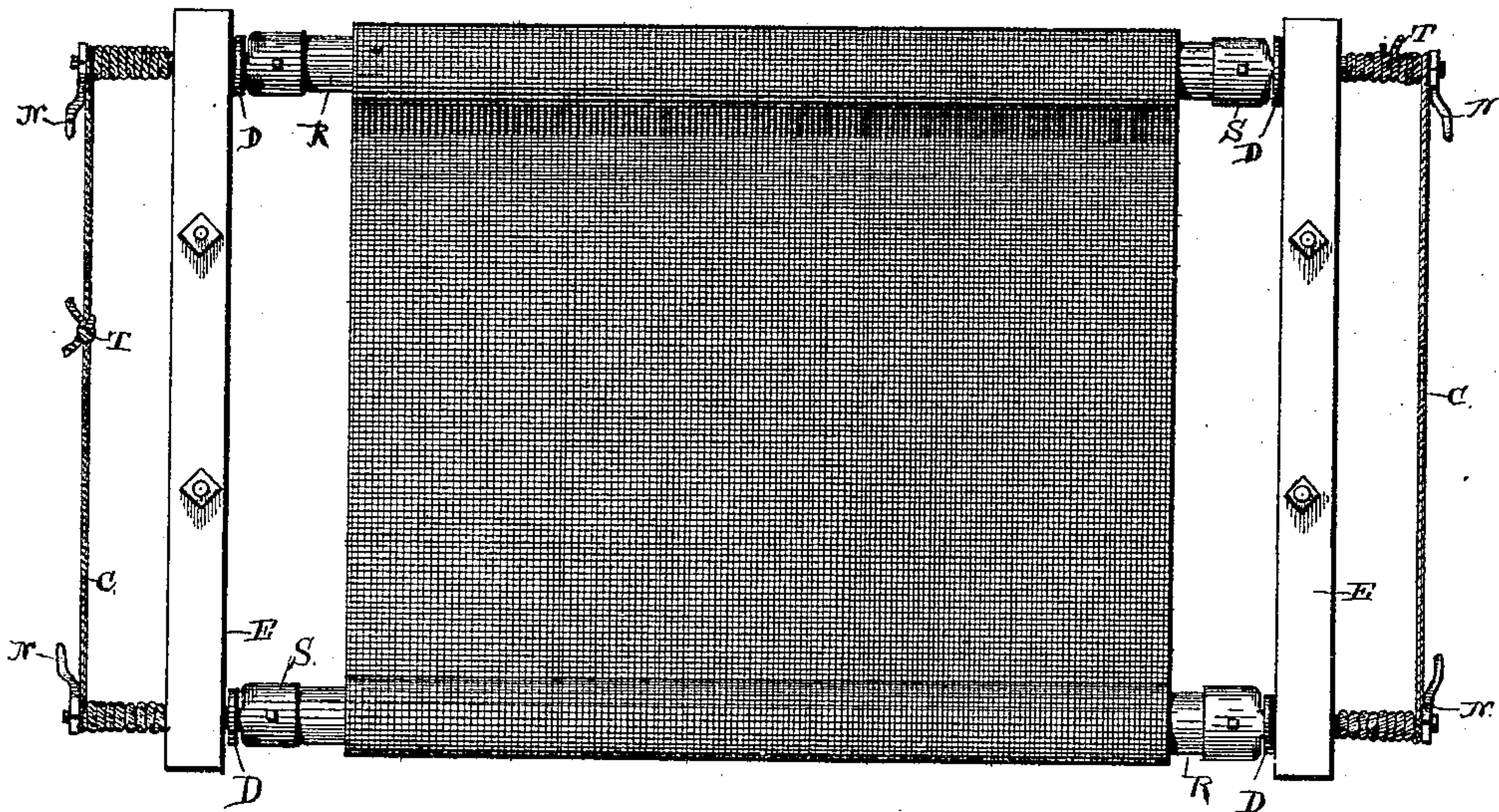


Fig. 2.

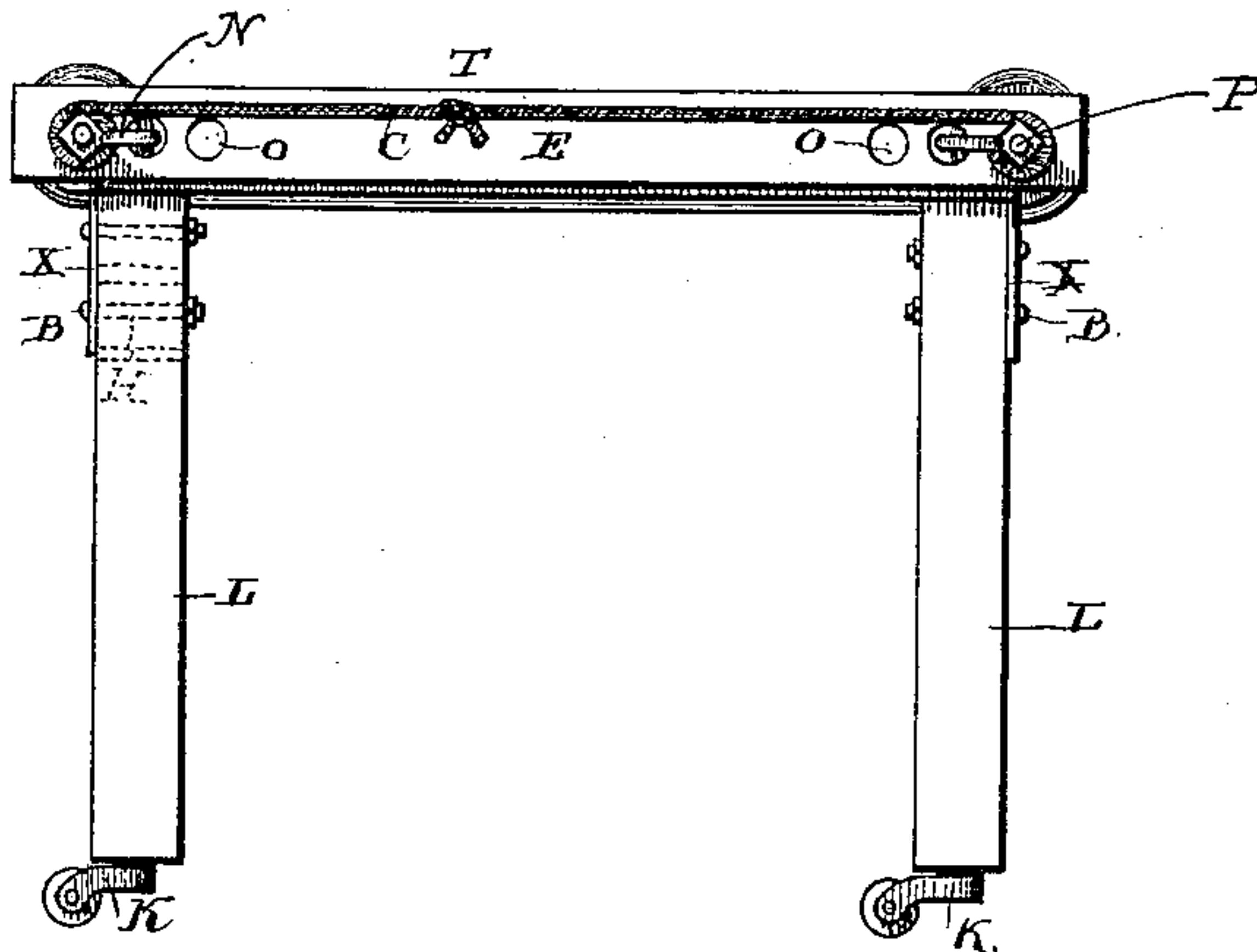
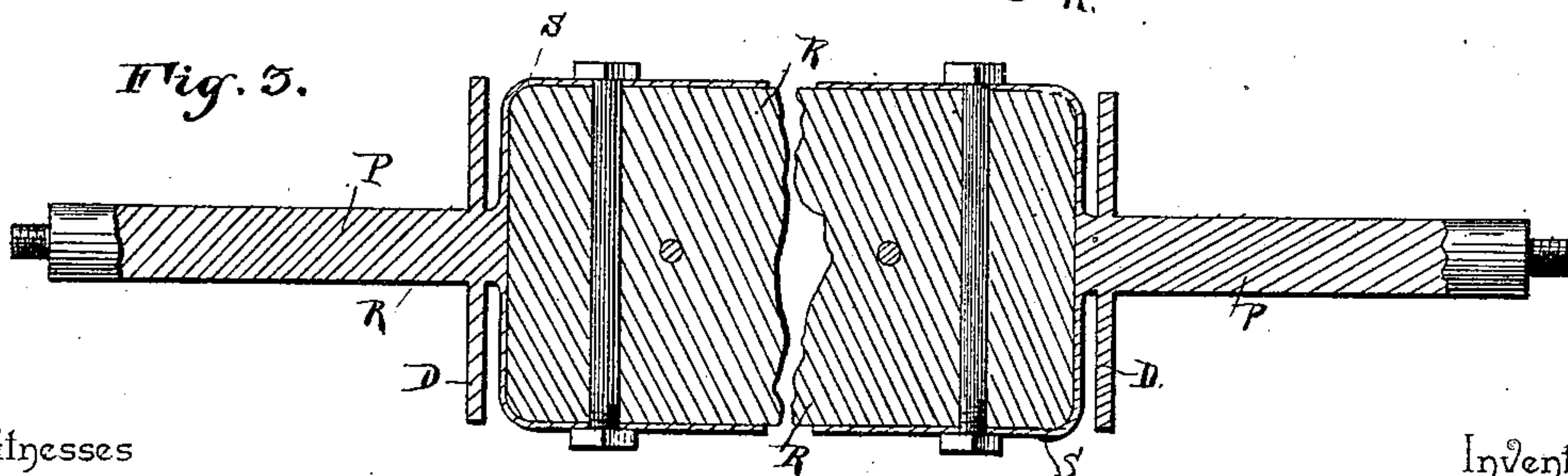


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

ENOCK MARTIN, OF ANSON, TEXAS.

QUILTING-FRAME.

SPECIFICATION forming part of Letters Patent No. 449,801, dated April 7, 1891.

Application filed May 24, 1890. Serial No. 353,065. (No model.)

To all whom it may concern:

Be it known that I, ENOCK MARTIN, a citizen of the United States, residing at Anson, in the county of Jones and State of Texas, have invented a new and useful Quilting-Frame, of which the following is a specification.

This invention relates to quilting-frames, and the object thereof is to provide a device of this character which shall be very cheap in construction and yet effect the adjustability of its parts, and wherein one roller may be turned in either direction from the opposite side of the device. This object I accomplish by the mechanism hereinafter more fully described, and illustrated in the drawings, in which—

Figure 1 is a plan view of this device. Fig. 2 is an end elevation. Fig. 3 is a central longitudinal section of one of the rollers on an enlarged scale, the roller being broken away at its center.

Referring to the said drawings, the letter L designates the legs having holes H through their bodies, and E are the end pieces provided with downward extensions X, which may be of metal, also having a number of holes H, and through certain of these holes H H are passed bolts B, whereby the end pieces may be set at a desired height from the floor. Through the end bars near their ends are formed several large openings O, as best seen in Fig. 2, which openings form the bearings for the rollers. The legs are preferably mounted upon casters K, in order that the device may be moved upon the floor, as is necessary in the operation of quilting. The rollers R are preferably of wood having reduced ends, and over these ends are passed metal sockets S, which are riveted thereto, as shown, the sockets having reduced threaded extensions or spindles P, carrying disks D, fixed thereon near the outer ends of the sockets. Upon these screw-threaded portions are hand-nuts N. Cords C are wound in opposite directions around the two spindles P at each end of the frame, and said cords are knotted or tied to each other, as at T, whereby they may be lengthened or shortened. The spindles are passed through the openings O in the

end bars E, in which they turn freely, and the disks D stand against the inner faces of said end bars. The cords C are wound upon the spindles just outside the end bars and the nuts N are applied outside the cord, all as shown in Fig. 1.

The quilt is generally applied below the rollers, as shown, in which case the cords would be applied above, and hence when one roller is turned to draw upon the cord its spindles will be turned so as to loosen the cord, which will move in the opposite direction and wind around the spindles of the opposite roller. Conversely, when the roller is turned to loosen the quilt its spindles will be turned so as to draw upon the cords, which drawing will turn the opposite spindle in the other direction, and hence draw upon the opposite roller a corresponding amount. The nuts N may be tightened against the coils of the cords to prevent the turning of the rollers in either direction when it is not desired. It will be obvious that the spindles P may be seated in other openings O than those shown to regulate the distance between the rollers, in which case the cords where knotted must be untied and again knotted in order to maintain the desired tension.

What I claim is—

In a quilting-frame, the combination, with the end bars E, provided with a number of openings O and supports for said bars, of the rollers R, the sockets S on the ends thereof, each socket having a reduced spindle P with a threaded outer extremity, and a disk D on said spindle near the body of the socket, the spindles being journaled in said openings with the disks in contact with the inner faces of the end bars, cords C wound in opposite directions around the spindles outside each end bar and tied together between the spindles, and hand-nuts on said threaded extremities, all as and for the purpose set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

ENOCK MARTIN.

Witnesses:

FRANK A. GROVE,
JOHN B. THOMAS.