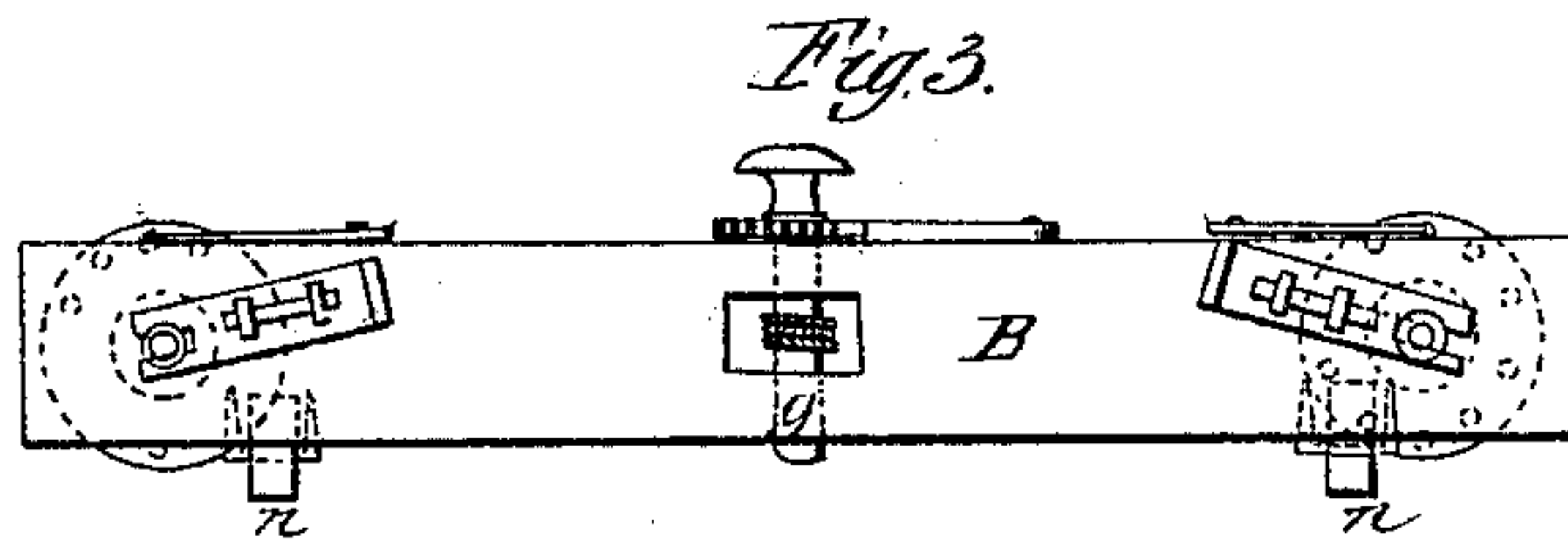
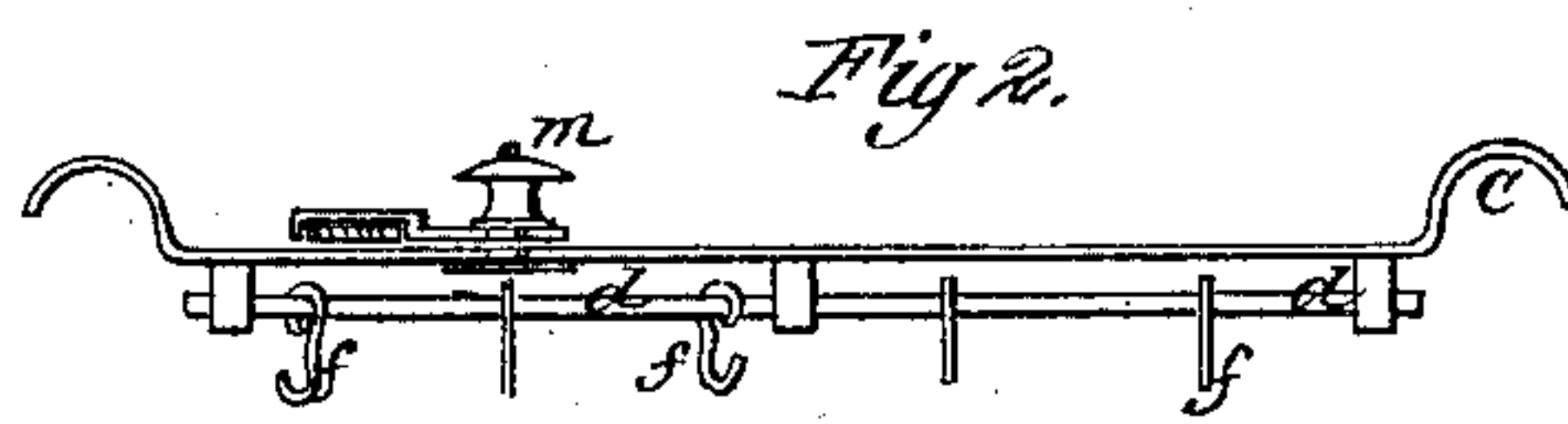
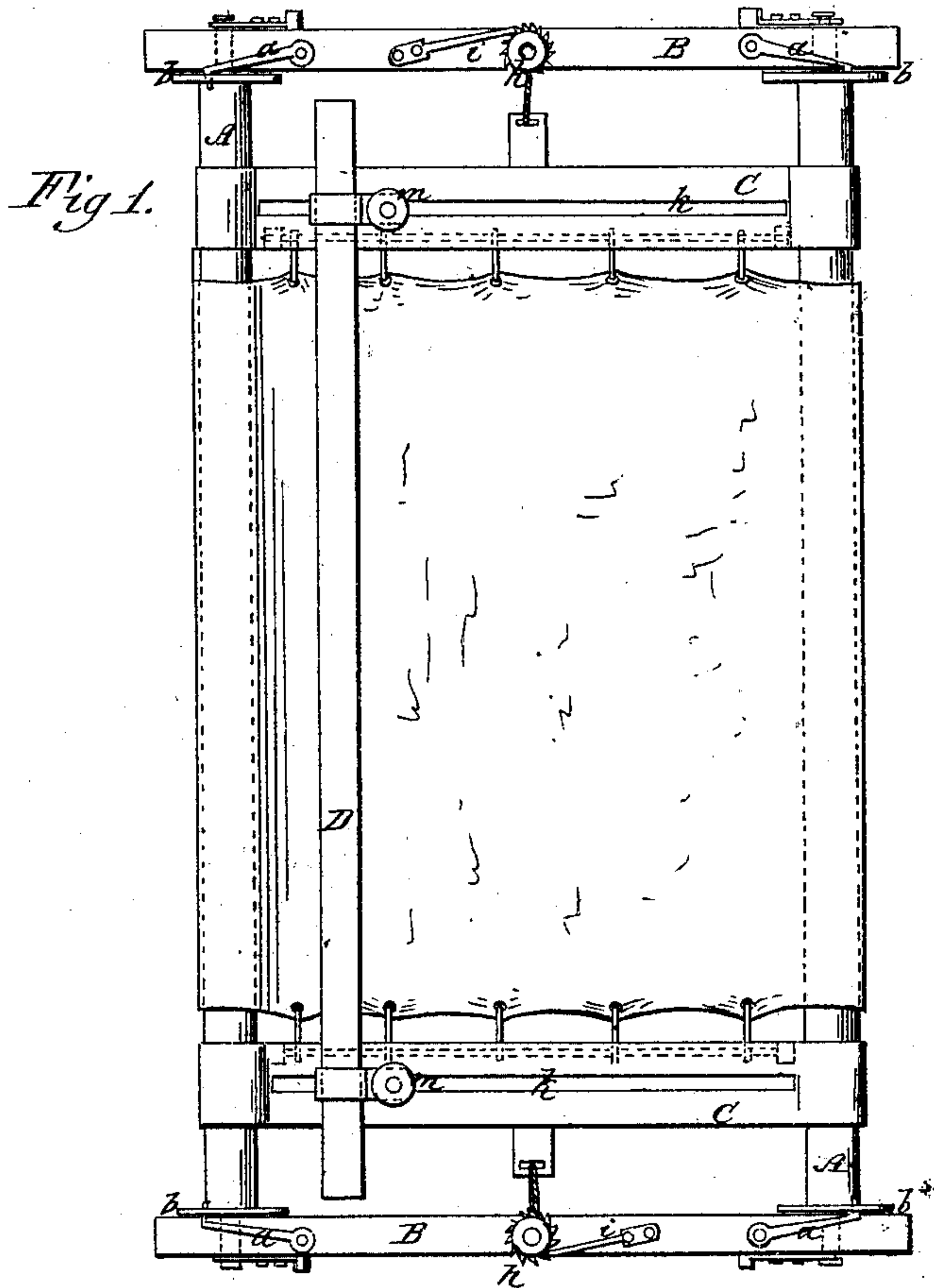


W. R. IDLE.
SEWING MACHINE QUILTING FRAME.

No. 62,422.

Patented Feb. 26, 1867.



Witnesses.
Thos Fusch
J. A. Service.

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United States Patent Office.

WILLIAM R. IDLE, OF URBANA, OHIO

Letters Patent No. 62,422, dated February 26, 1867.

IMPROVED QUILTING FRAME.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I WILLIAM R. IDLE, of Urbana, in the county of Champaign, and State of Ohio, have invented a new and useful improvement in Sewing-Machine Quilting Frame; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The object of my invention is to construct a quilting frame in such a manner as to adapt it to the sewing machine, so that the tedious operation of quilting may be performed as expeditiously as other kinds of sewing; and the invention consists in attaching the quilt to rods of sufficient length, around which the quilt is wound, and in stretching it and holding it, and in the provision made for moving it under the needle, as will hereinafter be described.

Figure 1 is a plan or top view of the frame with the quilt attached.

Figure 2 shows an edge view of the cross-slides.

Figure 3 shows an end view of the frame.

Similar letters indicate corresponding parts.

A represents the rods upon which the quilt is rolled; B the end or head pieces; C indicates the two cross-slides; D is the gauge. The ends of the rods have pivots, which pass through the end pieces. They also have collars on each end, against which the end pieces bear as against shoulders. The collars have a series of holes near their outer edges, and the rods are kept in position by hooks, which are attached to the end pieces, and which pass through the collars. In this way the rods are held when the quilt is stretched upon them. These hooks are marked *a*, and the collars *b*. The pivots in the ends of the rods extend through the end pieces, and project a little on the outside, and on that part which projects there is a groove, which admits a forked slide. These slides have slots, and they are attached to the end pieces by pins, which pass through the slots, with heads which hold the slides to the end pieces, while they may be slipped back and out of the groove to allow the frame to be taken apart. The cross-slides C rest upon the top of the rods, their ends being curved to fit. Attached to the under sides of these cross-slides are longitudinal wires, *d*, upon which hooks, *f*, are placed. The sides of the quilt are attached to these hooks. To stretch the quilt in this direction the cross-slides C are attached by cords to vertical shafts or pins, *g*, which pass through the end pieces B, as seen in fig. 3. By turning the pins the cords are wound round them, and when the quilt is sufficiently strained, ratchets attached to the pins, and pawls attached to the cross-pieces B, hold them in place. These ratchets and pawls are seen in fig. 1, and are marked *h i*. Lengthwise of the cross-pieces C there are slots, *k*, which have clasps which slide in them back and forth, and which are held in any desired position in the slot by button-screws *m*. These clasps hold each end of the gauge D, which lie across the quilt, as seen in the drawing. The object of this is to guide the needle in the process of quilting. For the purpose of allowing the quilt to be readily moved back and forth on the sewing machine, upon a suitable table or platform, there are friction-rolls, marked *n*, under each end of the frame.

The quilt is rolled upon the rollers, a small portion only being left stretched, as seen in the drawing, which is passed through the sewing machine; the frame resting upon the platform, as before mentioned, or upon stands, as may be most convenient. As the quilting progresses the quilt is unrolled from one rod and rolled on to the other.

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

The cross-slides C, the ratchet and pawl *h i*, the gauge D, the thumb-screw *m*, the rods A, and the head pieces B, constructed, arranged, and operating substantially as described for the purposes specified.

The above specification of my invention signed by me this 3d day of December, 1866.

W. R. IDLE.

Witnesses:

JAMES T. KITE,

W. A. KELLER.