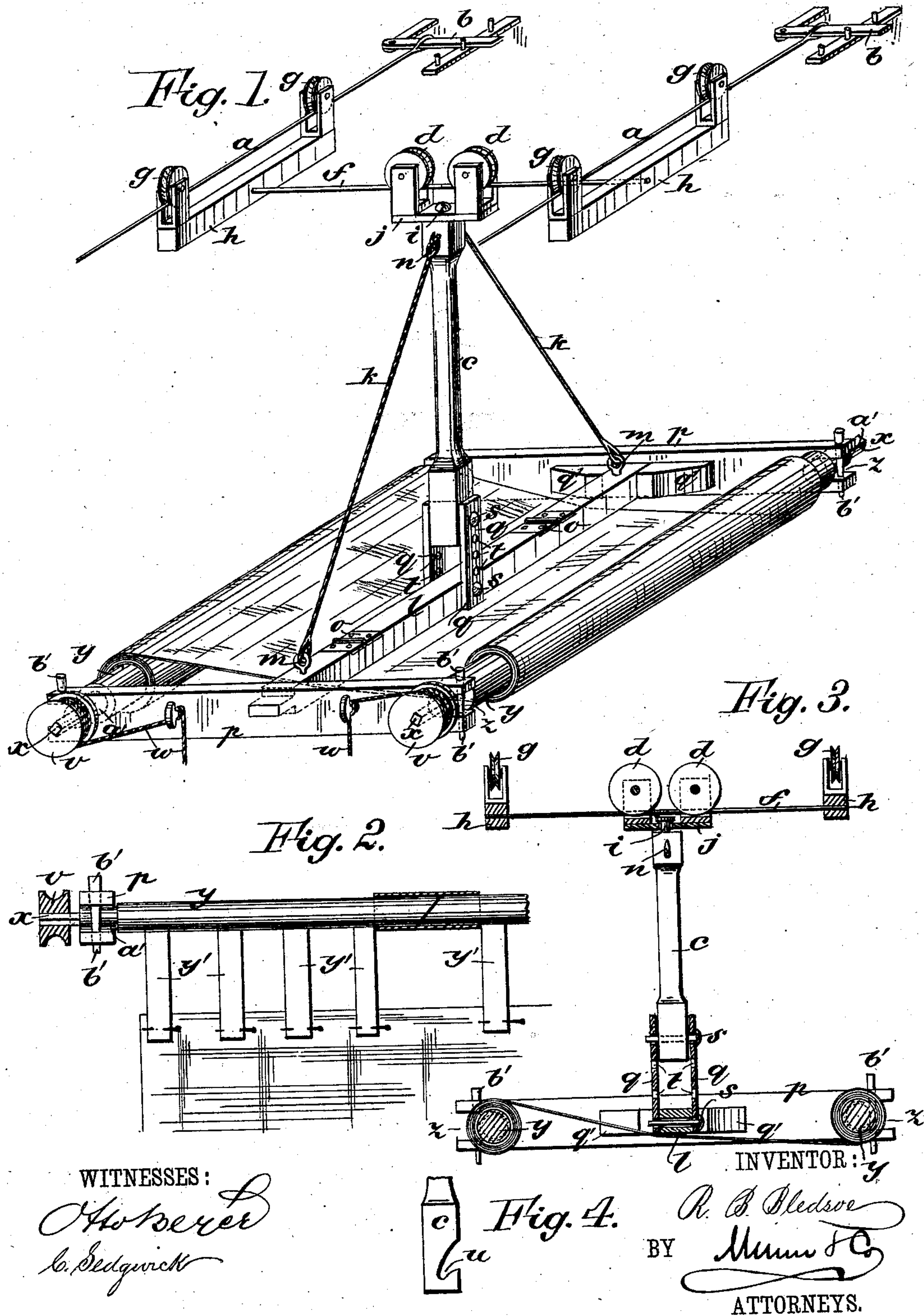


(No Model.)

R. B. BLEDSOE.  
QUILTING FRAME.

No. 281,605.

Patented July 17, 1883.





# UNITED STATES PATENT OFFICE.

ROBERT B. BLEDSOE, OF ALVARADO, TEXAS.

## QUILTING-FRAME.

SPECIFICATION forming part of Letters Patent No. 281,605, dated July 17, 1883.

Application filed April 5, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, ROBERT B. BLEDSOE, of Alvarado, in the county of Johnson and State of Texas, have invented a new and Improved Quilting-Frame, of which the following is a full, clear, and exact description.

This invention consists of an improved arrangement of apparatus for suspending the quilting-frame from overhead rods, on which it is made to traverse for passing the quilt along the sewing-machine to be quilted, the essential object being to contrive a simple means of shifting the frame with relation to the machine and for placing it diagonally and for turning it around from side to side, so that when the quilt is very heavy one half can be quilted, and then the quilt turned and the other half quilted on the other side.

The invention also consists of other improvements in the details of the frame, as hereinafter fully described.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of my improved quilting-frame. Fig. 2 is a side elevation of a portion of one of the rollers and end bars of the frame, also part of a quilt and a section of one of the tightening-pulleys and one of the couplings for sectional rollers. Fig. 3 is a transverse section of the quilting-frame and suspending apparatus, and Fig. 4 is a detail of the suspending-bar of the quilting-frame.

I use two horizontal and parallel wires, *a*, stretched from wall to wall of the room and secured at one end by tightening-levers *b*, as described in a previous application for a patent by me and now pending, for suspending the quilting-frame by means of a hanger, *c*, rollers *d*, rod *f*, and rollers *g*, the rollers *d* being attached to the hanger *c* and the rollers *g* to the rod *f*; but in this case I prefer to arrange the wires *a* wider apart, and I now propose to have two rollers, *g*, to each end of the rod *f*, instead of one, as heretofore, the said rollers being connected to a bar, *h*, to the middle of which the rod *f* is connected, which I find to be a better working arrangement than the other, being more steady and less liable to shake and swing; and for connecting the hanger

*c* to the rod *f*, I propose to swivel it at *i* to a block, *j*, which is suspended by the two rollers *d* on said rod, so that the rollers run along the rod back and forth, instead of the rod running on rollers in bars *h*. By the swivel-connection of hanger *c* it will be seen that the quilting-frame suspended by it may be turned around from side to side in the most ready manner. For staying the ends of the frame to the hanger, I now propose to have cords or wires *k*, connected to the middle bar, *l*, near each end, by an eye-stud, *m*, and hook them onto the upper end of the hanger by a hook, *n*, from which they can be readily detached when the machine is to be put away, the said middle bar, which is hinged together for folding up, having its hinges *o* on the upper side, by which the stays may be slackened when the middle bar is detached from the end bars, *p*. I provide the said middle bar, *l*, with T-heads *q*, which stay the frame together squarely.

For connecting the middle bar, *l*, to the hanger *c*, so that the frame may be readily shifted up or down, to suit it to the height of the sewing-machine, I employ a couple of connecting-plates, *q*, and bolts *s*, by which they may be connected to the sides of the hanger and the middle bar, the said plates having a series of holes, *t*, for shifting the bolts from one to another; and for detachably connecting the hanger to the frame I make a notch, *u*, in the hanger for the bolt, instead of a hole.

I propose to connect the pulleys *v*, which I use, together with cords *w*, for applying the tension to the quilt, by square or other angular shaped holes and similarly-formed shanks, *x*, of the rollers *y*, to enable the pulleys to be readily shifted from end to end of the rollers, to suit the convenience of the operators, and I now make slotted bearing-openings *z* in the ends of the end pieces, *p*, of the frame, to receive the journals *a'*, and secure them by a key, *b'*, to facilitate the setting up and taking down of the frame. The sectional arrangement of quilting-rollers and means of connecting the quilt are the same as heretofore employed. The quilt is connected with the rollers *y* by means of broad strips *y'*, of ducking or domestic, one edge of which is tacked to the roller and the other pinned to the edge of the quilt.

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

1. The combination, with the wires *a a* and the rod *f*, of the bars *h h*, each carrying two aligned rollers, *g g*, as and for the purpose described.

2. The combination, with the quilting-rollers, of the frames *p* and middle bar, *l*, having hinge-joints *o* in the upper side, and being stayed by the cords or wires *k*, attached to it by the eye-studs *m*, and hooked to the hanger *c* by hooks *n*, substantially as described.

3. The combination of the rod *f*, the two

rollers *d*, the blocks *j*, suspended from said rolls, and the hanger *c*, swiveled at *i* to said block, as and for the purpose described.

4. The combination, with the hangers *c* and stay-cords *k*, of the bar *l*, having the end sections hinged at *o* to the upper part of the middle section, whereby the stays may be slacked, as described.

ROBERT B. BLEDSOE.

Witnesses:

G. G. GOLDING,  
S. W. SEAMAN.