(No Model.)

2 Sheets—Sheet 1.

J. J. CLICK.

QUILTING FRAME.

No. 551,305. Patented Dec. 10, 1895.

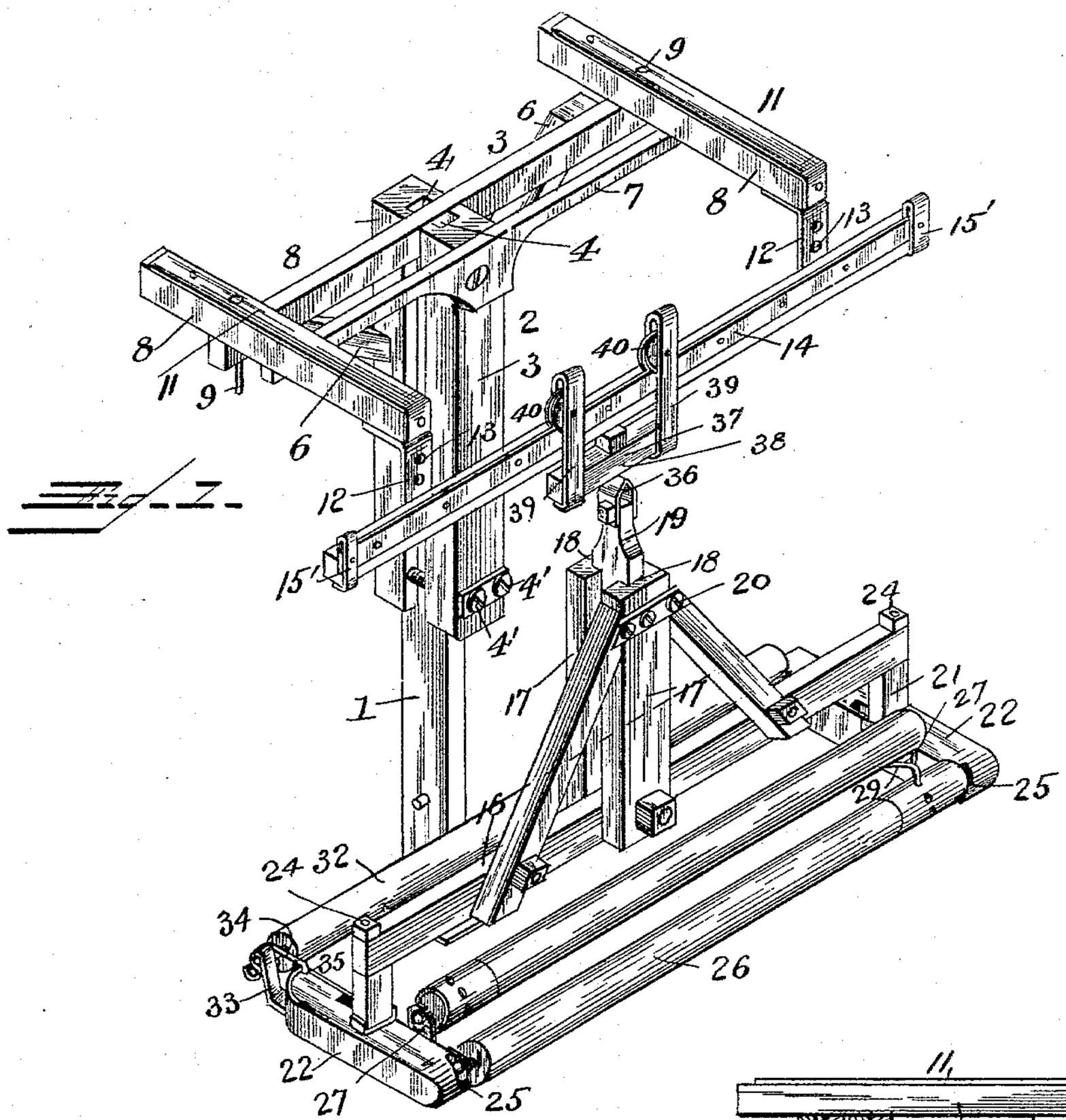


Fig. 1.

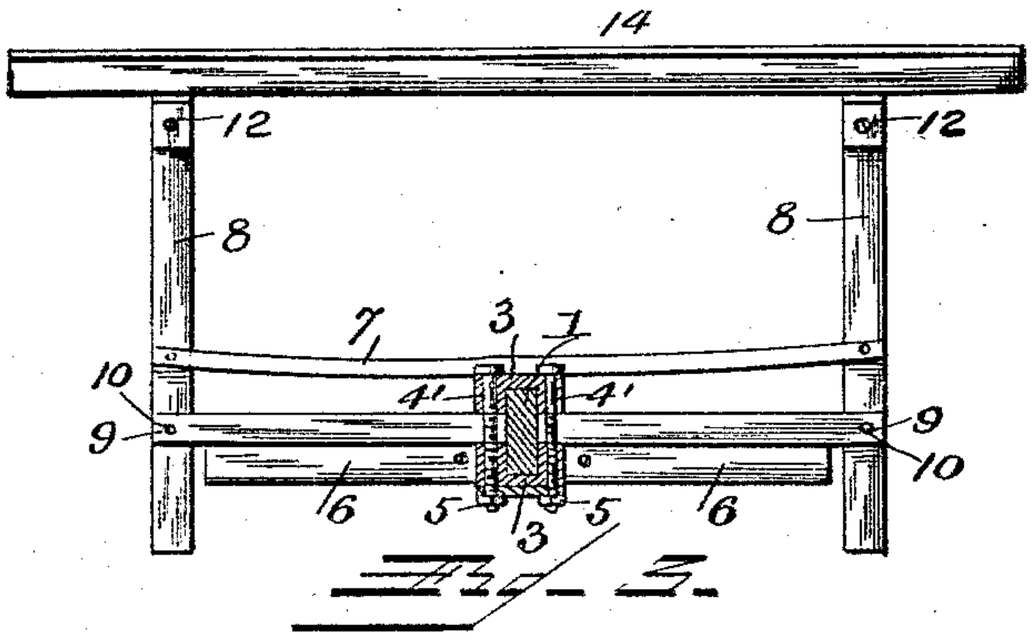


Fig. 3.

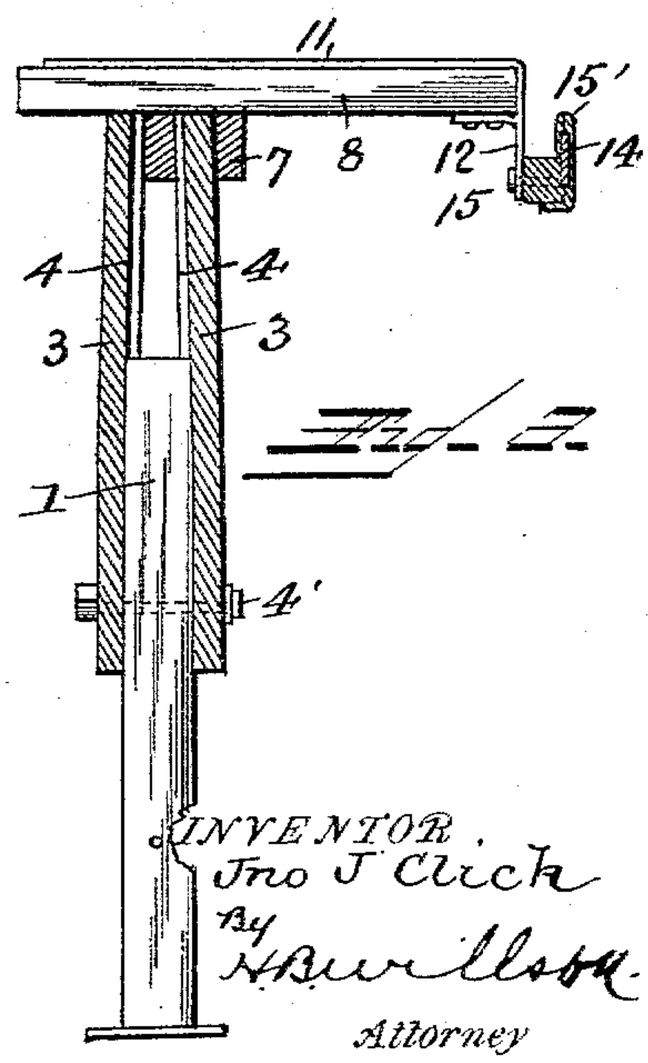


Fig. 2.

WITNESSES
F. L. Ouland
A. D. Smith.

INVENTOR
Jno J Click
By
H Bruillard
Attorney

(No Model.) 2 Sheets—Sheet 2.

J. J. CLICK.

QUILTING FRAME.

No. 551,305. Patented Dec. 10, 1895.

Fig. 4.

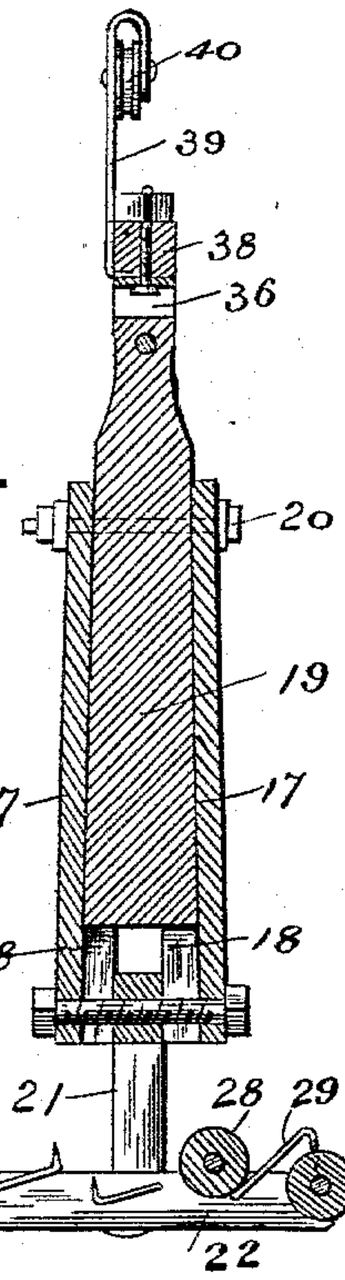


Fig. 5.

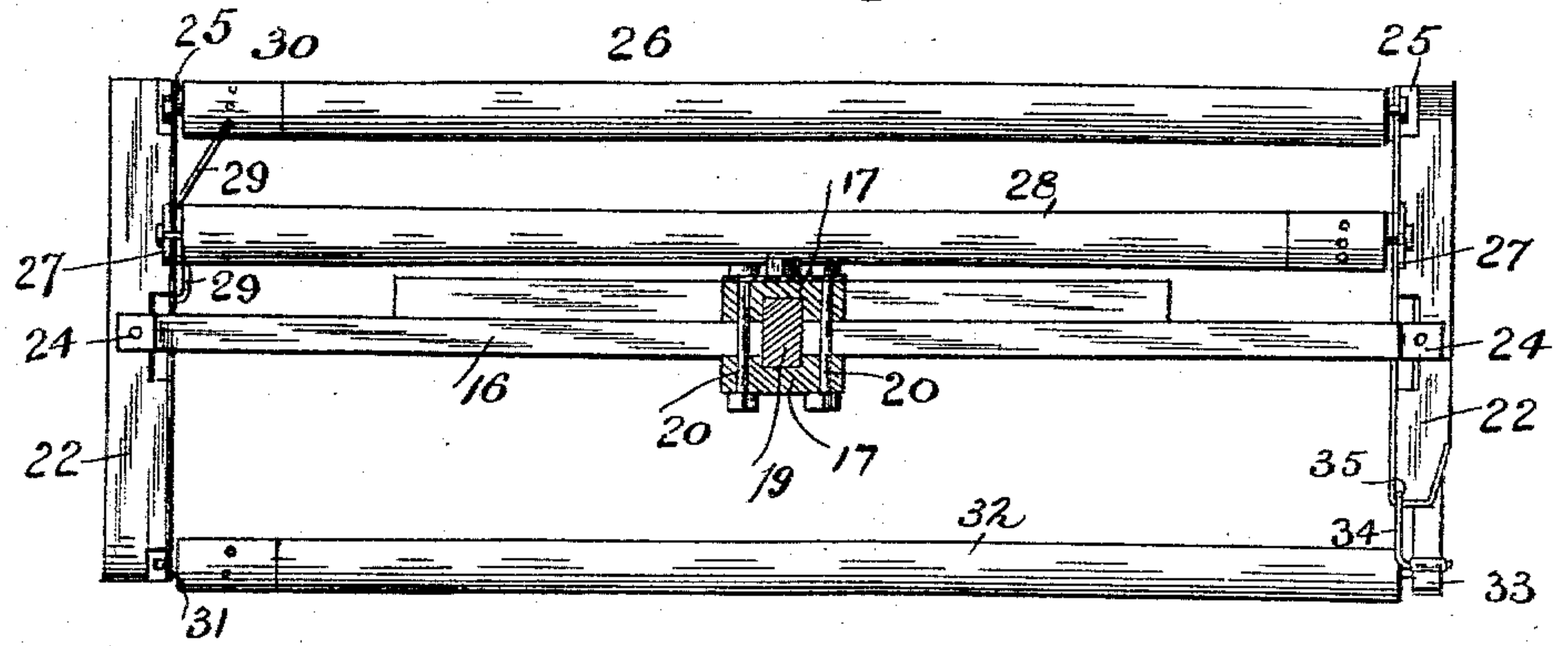
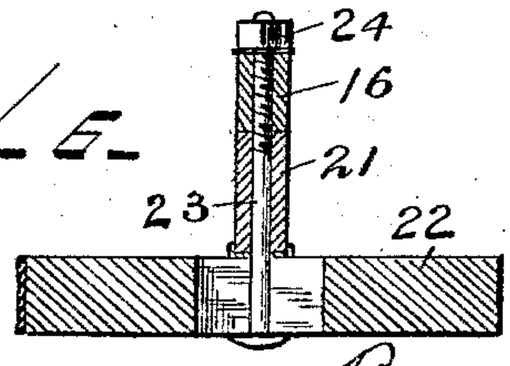


Fig. 6.



WITNESSES
F. L. Ogrand.
H. S. Smith.

INVENTOR
Jno J. Click.
By A. Briesen
Attorney

UNITED STATES PATENT OFFICE.

JOHN J. CLICK, OF BELLEVUE, TEXAS.

QUILTING-FRAME.

SPECIFICATION forming part of Letters Patent No. 551,305, dated December 10, 1895.

Application filed May 9, 1895. Serial No. 548,698. (No model.)

To all whom it may concern:

Be it known that I, JOHN J. CLICK, a citizen of the United States, residing at Bellevue, in the county of Clay and State of Texas, have invented certain new and useful Improvements in Quilting-Frames; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to quilting-frames, which are adapted to be used in connection with sewing-machines.

The object of my invention is to provide a quilting-frame which may be easily set up and be supported from the floor, and not in any manner mar or injure the walls or ceilings, and which shall be simple of construction, durable in use and comparatively inexpensive of production.

With these objects in view, the invention consists in certain features of construction and combination of parts which will be hereinafter fully described and claimed.

In the drawings, Figure 1 is a perspective view of my improved quilting-frame. Fig. 2 is a cross-sectional view through the main cross-bar, spring-bar, and track-supporting beam. Fig. 3 is a cross-sectional view through the standard and legs of the main cross-bar, showing the manner in which the legs are adjustably clamped to the standard. Fig. 4 is a cross-sectional view through the quilting-frame proper. Fig. 5 is a cross-sectional view through the vertical guide-bar and supporting-bar of said frame, showing the manner in which the parts are clamped in vertical adjustment. Fig. 6 is a longitudinal vertical sectional view through the head-blocks and standards of the quilting-frame proper.

In the drawings, 1 denotes the vertical standard tapering from its lower to its upper end. 2 denotes the legs of the main cross-bar 3. These legs are spaced apart and are provided with guide-grooves 4 to receive the side edges of the standard. Bolts 4′ pass through the lower ends of these legs and are provided with nuts 5 at their opposite ends by means of which the main cross-bar is vertically secured to the standard, and owing to the inclined sides of the standard, all liability of the legs sliding downward, when they are clamped to the standard, is overcome. The main cross-bar may be strengthened or braced in its connection with the legs, as by braces 6.

7 denotes the spring-bar secured at its middle to one of the legs and having its ends projecting substantially parallel with the main cross-bar.

8 denotes the track-supporting bars which are bolted intermediate their ends to the spring-bar, and their rear ends are supported upon the main cross-bar. To prevent the twisting of the supporting-bars on the spring-bar, I provide them with pins 9, which project through and play in apertures 10 in the main supporting-bar. The upper faces of the track-supporting bars are provided with strips of fabric or soft material 11, which will prevent the marring of the ceiling when the bars are raised or elevated thereagainst. The front ends of the track-supporting bars are provided with depending hangers 12, each having a vertical row of apertures 13. A track 14 is supported in these hangers and by means of a bolt 15, engaging holes in the hangers, the proper adjustment or inclination may be given to the track, so that the quilt will be properly fed to the sewing-machine. The track is provided at its ends with stops 15′ to limit the movement of the quilting-frame, which is suspended from the track.

The quilting-frame consists of a horizontal bar 16 having two vertical bars 17 bolted thereto and projecting upwardly and provided on their inner adjacent faces with grooves 18 to receive a bar 19 having inclined edges. Diagonal braces 19′ are bolted to the horizontal bar 16 and to the rear vertical bar 17 and serve to hold the horizontal bar against a tilting movement. Bolts 20 pass through the upper ends of the vertical bars and clamp them to the bar 19 in a manner similar to that in which the legs of the main cross-bar are clamped to the standard and for the same purpose. The outer ends of the horizontal bar 16 are provided with posts 21 which support the head-blocks 22. These blocks and the posts are secured to the horizontal bar by means of bolts 23, which pass up through the longitudinal slots in the head-blocks and through vertical holes in the posts and the horizontal bar, and are provided at their ends with nuts 24. By loosening the nuts, the

head-blocks may be adjusted back and forth to properly balance the device when a quilt is in place and prevent it from tilting to one side. The rear ends of these head-blocks are provided with notches 25 to support the journals of the rear quilting-roller 26, and further with notched ears 27 to support the upper quilting-roller 28. Hooks 29 are carried by the rear ends of the head-blocks and engage holes 30 at the ends of the rollers. A notch 31 is formed in the front end of one of these head-blocks for the reception of the journal at one end of the front roller 32, while the front end of the other block is provided with an outwardly and upwardly projecting bearing 33, which supports the journal at the other end of the front roller and is provided with a pivoted hook 34 that engages a hole 35 in the block, which braces the said bearing and which when raised will allow the passing of the needle and presser-foot of the sewing-machine over the quilt without disturbing the front roller.

A clevis 36 is pivoted to the upper end of the bar 19, and swiveled to this clevis is the roller-frame 37, which consists of a horizontal bar 38 provided with bearing-posts 39, in which are journaled the rollers 40 that travel on the track. This connection constitutes a complete swivel and universal joint that admits of circular movements in quilting and also admits of the roller-frame being folded in a small compass for the purpose of transportation or storage.

Although I have shown and described my preferred form, I would have it distinctly understood that I do not wish to be restricted thereto, as slight changes may be resorted to without departing from the spirit of my invention. For instance, the track-supporting bar may be removed from its support and attached directly to the ceiling, thus allowing the standard to be entirely dispensed with.

From the foregoing description, taken in connection with the accompanying drawings, the operation of the invention will be readily understood without requiring further explanation.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

The combination with the head blocks of a quilting frame, of bearings carried by said blocks for supporting the quilting rollers, one of said bearings secured to one end of said blocks and projecting upwardly, and a hook supported by said bearing to engage the end of said block, whereby the said bearing is braced and whereby the sewing machine needle and presser foot may be engaged with the quilt without removing the roller, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN J. CLICK.

Witnesses:

GEORGE M. LEFTWICH,

JOHN A. JONES.