

(No Model.)

W. A. CASSIDY.

QUILTING ATTACHMENT FOR SEWING MACHINES.

No. 514,443.

Patented Feb. 13, 1894.

Fig. 2.

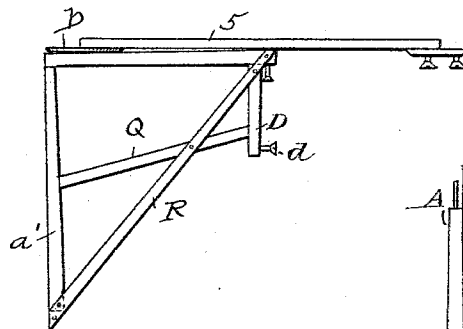


Fig. 3.

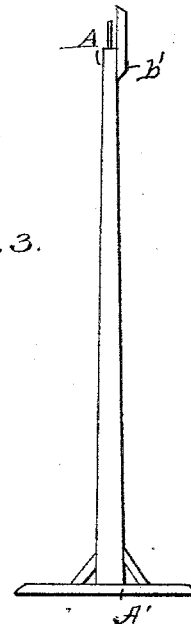


Fig. 1.

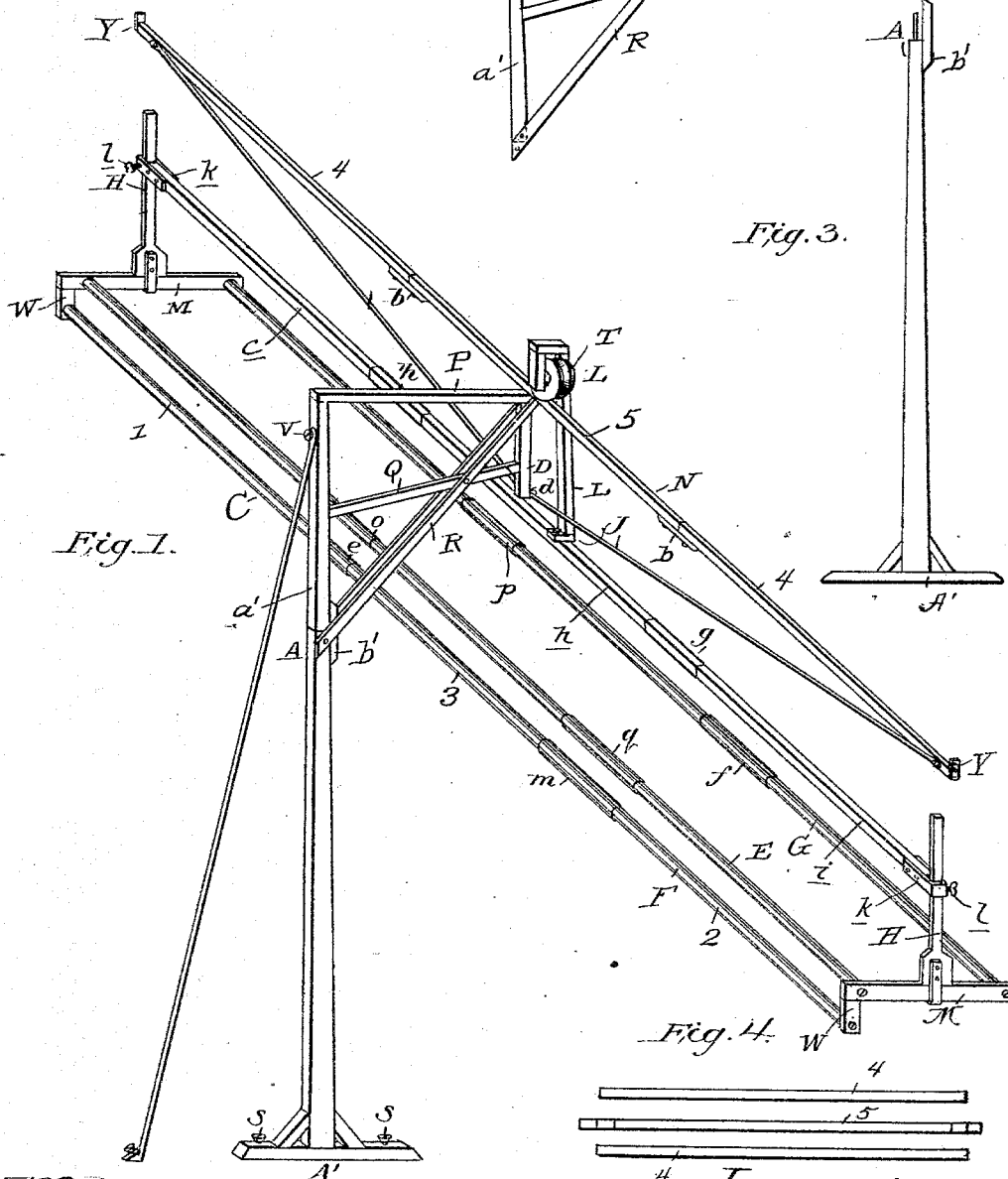
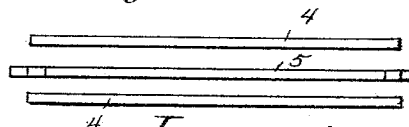


Fig. 4.



Witnesses
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UNITED STATES PATENT OFFICE.

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QUILTING ATTACHMENT FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 514,443, dated February 13, 1894.

Application filed August 23, 1892. Serial No. 443,929. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM A. CASSIDY, a citizen of the United States, residing at Amarillo, in the county of Potter 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.

This invention has relation to an improvement in that class of quilters, as used in connection with a sewing machine, and in which the parts are adapted for adjustment so that any connection may be made between the support and the frame for holding the quilt, thereby rendering the device capable of operation on a quilt of any pattern.

The invention and its novelty will be fully understood from the following description and claim when taken in connection with the annexed drawings, in which—

Figure 1, is a perspective view of my improved device. Fig. 2, is a side view of the upper portion of the horizontal frame and track. Fig. 3, is a side view of the upright or main support, and Fig. 4, is a plan view of the track showing the parts disconnected.

Referring by letters and figures to said drawings: A, indicates an upright or standard. This upright is provided at its lower end with a suitable base A', having screw holes for the reception of screws s, or other suitable fastening devices whereby the base and standard may be firmly secured to a floor or the like. This standard or upright A, carries at its upper end a vertically-disposed, removable section a', which may be connected by a pin and socket joint, and a strap b', secured to the respective sections at the joint.

P, indicates a horizontal arm. This arm is secured at its inner end to the top of the standard or upright, and Q, indicates an inclined arm arranged beneath the upper arm P, and secured at its inner end to said standard.

D, indicates a vertically depending bar, which is secured at its upper end to the outer end of the arm P, and is also secured to the outer end of the arm Q, and these respective arms are connected by two diagonal braces R, which are in turn connected to the standard or upright as shown.

C, indicates the quilting frame or holder. This frame comprises two parallel end bars M, and vertical standards H, which are suitably connected at their lower ends about midway the length of the bars M, and rise vertically therefrom, and each bar M, is provided at one end with a depending branch W, for a purpose which will be presently explained. The standards H, are connected adjustably by a horizontal connection formed of three sections c, h, and i, the outer ends of the outer sections being provided with a loop k, which loops embrace the standard or upright H, and are adjustably connected therewith by means of a pin l, while the contiguous ends of the sections are adjustably connected by sleeves or couplings g, h'.

E, F, G, respectively, indicate the longitudinal rollers, which are composed of outer sections 1, and 2, and inner sections 3. The outer ends of the outer sections are suitably journaled in the parallel end bars M, M, and the lower portion of the depending arms W, and the contiguous or adjacent ends of said sections, are connected by sockets or sleeves f, g, m, e, o, and p. By this construction it will be seen that the frame C, may be adjusted longitudinally and may be readily taken apart and folded compactly for storage or transportation purposes so as to occupy but little space.

N, indicates a horizontal track. This track is composed of two outer sections 4, and an intermediate section 5, and the respective sections are connected by hinged joints b, as shown, and the outer ends of the outer sections, are provided with vertical stops or lugs Y. This track is secured to the outer end of the horizontal arm P, and is braced in position by means of a longitudinal rod J, which is secured at its outer ends to the outer sections 4, 4, of the track, and secured at an intermediate point to the lower end of the depending bar D, as shown at d.

L, indicates a hanger. This hanger rises from the central section of the horizontal bar connected with the standards H, by means of a suitable connection, and carries at its upper end a grooved roller T, which is designed to travel on the track N, and suspend the frame C, therefrom.

In operation, a quilt is placed on the frame in the usual manner, and the connection be-

tween the hanger and its longitudinal bar, may be such as to permit the frame to be swung at an angle, and hooks may be provided at the ends of the rollers for fixing the same when desired. By the construction illustrated, it will be seen that I have a device which will be very effective for the purposes designed and may be adjusted vertically and horizontally and will also permit of the parts being packed snugly which is very desirable in transportation.

Having described my invention, what I claim is—

In a quilting attachment, the combination with the two parallel end bars M, and the standards rising from their longitudinal centers, the

sectional rollers bearing in said end bars, the sleeves connecting said sections, the sectional bar, carrying loops at its outer end to adjustably receive the standards of the end bars, sleeves connecting said sections, the hanger H, rising from the said sectional bar, and carrying a roller, at its upper end, the sectional track and a suitable means for supporting the track, substantially as specified.

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

WILLIAM A. CASSIDY.

Witnesses:

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