

UNITED STATES PATENT OFFICE.

JOHN W. CLAYTON, OF CHATTANOOGA, TENNESSEE.

QUILTING ATTACHMENT FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 305,511, dated September 23, 1884.

Application filed March 12, 1884. (No model.)

To all whom it may concern:

Be it known that I, JOHN WM. CLAYTON, a citizen of the United States, residing at Chattanooga, in the county of Hamilton and State of Tennessee, have invented new and useful Quilting Attachments for Sewing-Machines, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to quilting attachments to sewing-machines; and it has for its object to provide a device of this character which shall be cheap and simple in its construction, and thoroughly effective in its operation.

With these ends in view, the invention consists in the improved construction and combinations of parts hereinafter fully described, and pointed out in the claim.

In the drawings, Figure 1 is a perspective view of a quilting-frame constructed in accordance with my invention, and showing a sewing-machine in connection with which my attachment is used. Fig. 2 is a longitudinal vertical section.

In the accompanying drawings, in which like letters refer to corresponding parts in both figures, A represents the base or floor, to which are secured uprights or standards B, the same being suitably braced by bars *a*. To the upper ends of these uprights or standards B is secured at one end a rod, C, the other end carrying a swivel-block, D, whereby the same may be tightened or loosened, as may be desired or found necessary.

E represents a bar or beam which is hung upon the rod C by means of pulleys F. At about the center of the beam E is provided a bolt, *b*, which is screw-threaded at its lower end to receive a nut, *c*. Upon this bolt *b* is loosely mounted or swiveled a depending bracket, G, the arms of which are provided on their sides with a series of perforations or openings, *d*. Upon these arms are pivoted downwardly-projecting brackets G', which are secured at their lower ends to the frame I. When desired, these brackets may be made rigid upon the arms by means of a pin working in one of the perforations of one of said arms. It will also be seen that the frame I may be

vertically adjusted upon said frame. The frame I consists of the end bars, *f*, connected at their outer ends by rollers *g*, which are provided with teeth to engage pawls pivoted to the ends *f* and the rods *h*, upon which the lower ends of the brackets G' are secured. The quilt *v* is placed on the rollers *g*, and the same turned to tighten the quilt thereon, and is held in such position by means of the pawls engaging the teeth upon the ends of the rollers.

It will be seen from the above description that the frame carrying the quilt may be moved longitudinally upon the rod C that the frame may be turned by means of the swivel connection before described, in order that the stitching may be accomplished in any desired form or pattern—that is, the line of stitching may be either straight or curved, as may be desired. When the stitching is to be straight from end to end, the pin upon the brackets of the quilting-frame is turned to engage one of the perforations upon the depending bracket, thus holding the frame rigid.

It will also be seen that my improvement is simple in its construction, may be manufactured at a comparative slight cost, and that it may be easily and readily operated.

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

In a quilting attachment to sewing-machines, the combination, with vertical uprights or standards connected by an adjustable track, of pulleys mounted on said track, a beam connecting said pulleys, a bracket swiveled to said beam, a frame having an upwardly-extending bracket pivoted to the bracket G, a pin for holding said brackets rigid, said frame having rollers provided with teeth, and pawls secured to the frame and adapted to engage said teeth, substantially as set forth.

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

JOHN WM. CLAYTON.

Witnesses:

JNO. B. TAPSCOTT,
S. B. HUSSELMAN.