

(No Model.)

C. W. DELANY.

QUILTING ATTACHMENT FOR SEWING MACHINES.

No. 480,252.

Patented Aug. 9, 1892.

Fig. 1.

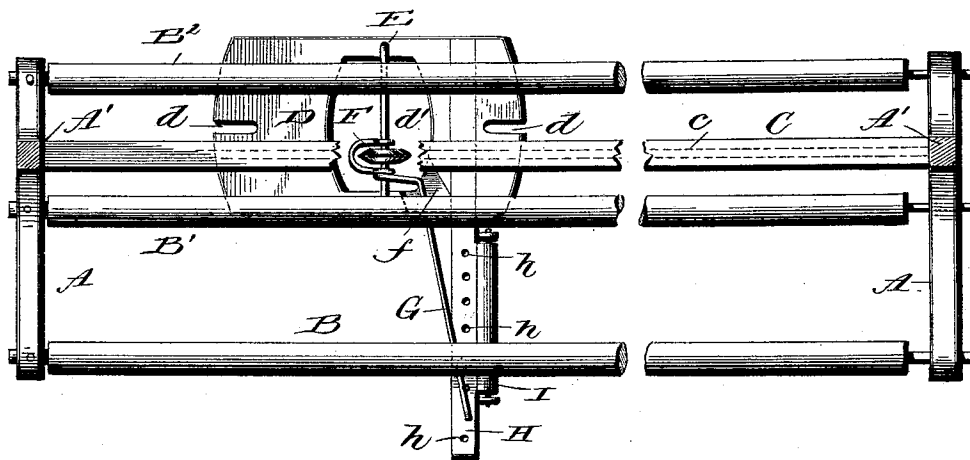
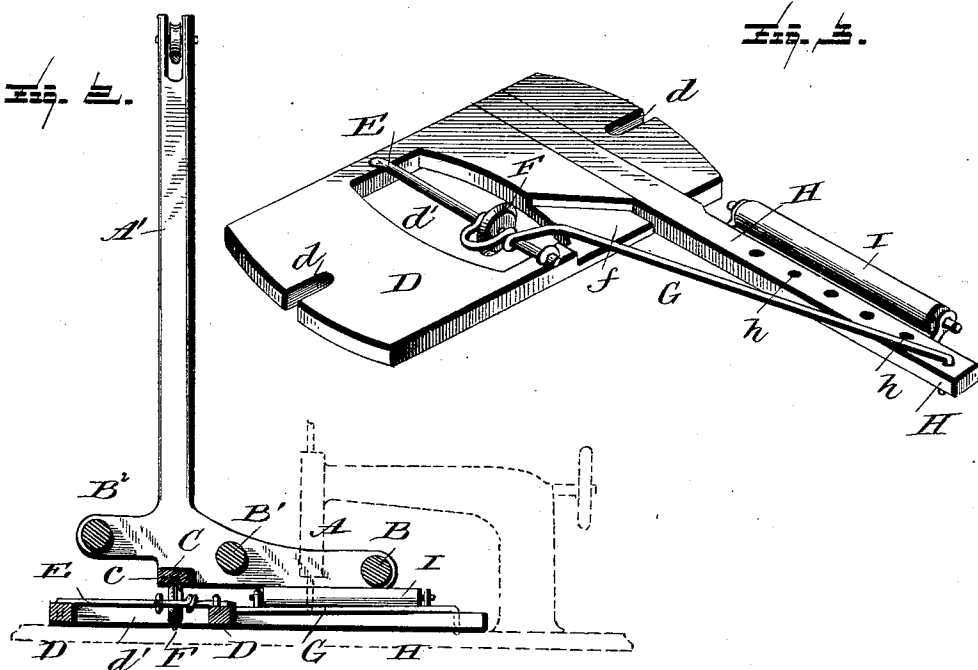


Fig. 2.



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. 480,252, dated August 9, 1892.

Application filed March 21, 1892. Serial No. 425,878. (No model.)

To all whom it may concern:

Be it known that I, CHARLES WILLIAM DELANY, a citizen of the United States, residing at Columbus, in the county of Colorado and State of Texas, have invented certain new and useful Improvements in Quilting-Frames; and I do hereby declare that the following is a full clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters of reference marked thereon.

This invention relates to certain new and useful improvements in quilting-frames; and it has for its object, among others, to provide an improved device of this character which shall be simple, cheap, and efficient and in which the delay and annoyance of raising the entire quilting-frame every time it is desired to begin to stitch a new seam-line will be avoided and also the necessity of measuring each space between lines.

The frame is provided with a longitudinal bar having a groove to form a track, in which travels a gage-wheel, which is adjustable and held by a spring-arm, which serves, also, as a means of changing the position of the wheel.

Other objects and advantages of the invention will hereinafter appear, and the novel features thereof will be specifically defined by the appended claims.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which—

Figure 1 is a plan view of my improved frame with the end uprights in cross-section and a portion broken away to better show other parts. Fig. 2 is a vertical cross-section through the same. Fig. 3 is a perspective view of the attachment to the frame detached.

Like letters of reference indicate like parts throughout the several views.

Referring now to the details of the drawings by letter, A designates the end bars of the frame, which terminate in or may have secured thereto the uprights A'. This frame may be supported in any desired way. Suitably journaled in the end bars are the rollers B, B', and B², of known construction.

C is a bar held to the end bars and running parallel with the rollers, as seen in Figs. 1 and 2, and upon its under face it is provided with

a longitudinal groove or channel c, as seen in Fig. 2.

D is a plate designed to be secured to a sewing-machine bed or table in any suitable manner—as, for instance, by set-screws passed through the slots d in opposite ends of the plates, as seen in Figs. 1 and 3. This plate is provided with a hole d' near its center, and across this hole is held a rod E in any suitable manner, and upon this rod is loosely sleeved the gage-roller F, having, preferably, a beveled edge, as seen in Figs. 1 and 3, and G is a spring-wire having one end coiled once around this rod upon one side of the gage-roller and then passed horizontally around the roller to form a guard therefor and yet permit of its free rotation and then coiled around the rod upon the other side of the roller or formed with an eye to embrace the said rod. The wire has its other end bent at right angles to its length and designed to be removably engaged in any one of a plurality of holes h in an arm H, projecting laterally from the plate and held thereto in any suitable manner. The upper face of the plate is cut away to form a recess f, in which the wire may work when it is changed from one position to another, as will be readily understood from Fig. 3. On one side of this arm H and parallel therewith is suitably journaled, with its upper face above the upper face of the arm, a short roller I, as seen in Figs. 1 and 3, and upon this short roller the front roller B of the frame is supported, as seen in Figs. 1 and 2.

The operation will be readily understood from the foregoing description, when taken in connection with the annexed drawings, and, briefly stated, is as follows: The quilt and lining are arranged on the rollers B, B', and B² in the usual manner. The frame is guided by the gage-roller, running in the groove of the bar C. As soon as one seam-line has been stitched all that is necessary to do is to lift the right-angled end of the wire G from its hole in the arm H and place it in the next one, and then the next seam-line is stitched. The front of the frame is supported upon the short roller.

The quilting or quilt-carrying rolls are designed to be rotated by any well-known means.

What I claim as new is—

1. The combination, with a quilting-frame,
of a plate having a lateral arm with plurality
of holes, an adjustable roller, and a wire hav-
5 ing one end provided with means for detach-
ably engaging said holes and its other adapt-
ed to move said roller on its support, as and
for the purpose specified.
2. The combination, with a quilting-frame,
10 of a plate having an opening and a lateral
arm with holes, a rod across said opening, a
gage-roller loosely sleeved on said rod, and a
wire having one end bent at right angles to
its length to engage said holes and its other
15 end embracing the roller and loosely sleeved
on its rod, as shown and described.

3. The combination, with a quilting-frame,
of a plate having an opening and a lateral
arm with holes, a rod across said opening, a
gage-roller loosely sleeved on said rod, a wire 20
having one end bent at right angles to its
length and its other end loosely sleeved upon
said rod upon opposite sides of the gage-roller,
and a short roller journaled on said arm par-
allel therewith, as set forth. 25

In testimony that I claim the above I have
hereunto subscribed my name in the presence
of two witnesses.

CHARLES WILLIAM DELANY.

Witnesses:

R. W. PUTNEY,
S. S. GREEN.