

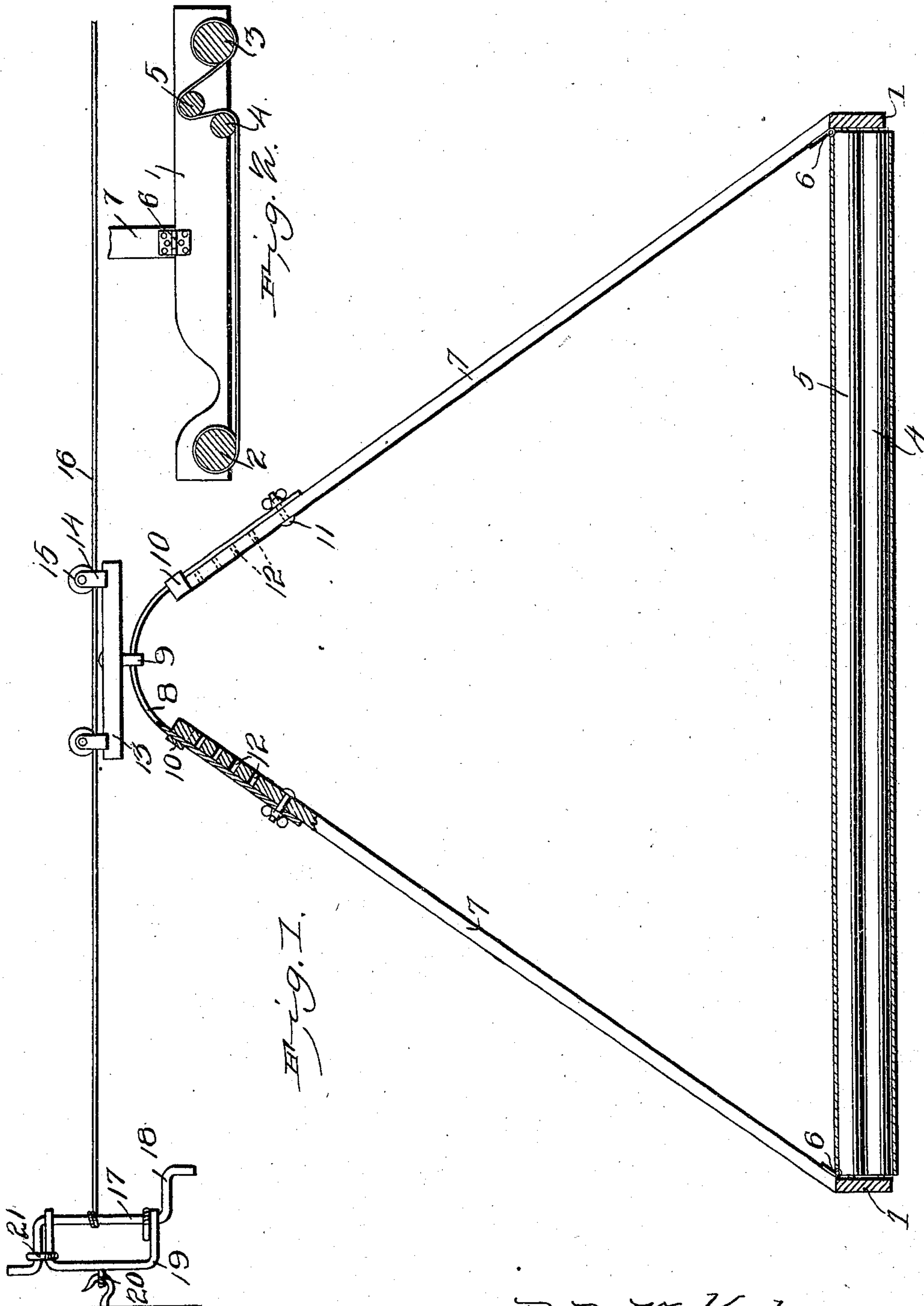
No. 725,353.

PATENTED APR. 14, 1903.

R. P. McKINLEY.
QUILTING FRAME.

APPLICATION FILED JULY 16, 1902.

NO MODEL.



Witnesses
E. H. Stewart
J. F. Riley

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UNITED STATES PATENT OFFICE.

RILEY P. MCKINLEY, OF PANTHER, KENTUCKY, ASSIGNOR OF ONE-HALF
TO JAMES R. MILLER, OF PANTHER, KENTUCKY.

QUILTING-FRAME.

SPECIFICATION forming part of Letters Patent No. 725,353, dated April 14, 1903.

Application filed July 16, 1902. Serial No. 115,863. (No model.)

To all whom it may concern:

Be it known that I, RILEY P. MCKINLEY, a citizen of the United States, residing at Panther, in the county of Daviess and State of Kentucky, have invented a new and useful Quilting-Frame, of which the following is a specification.

The invention relates to improvements in quilting-frames.

10 The object of the present invention is to improve the construction of quilting-frames and to provide a simple, inexpensive, and efficient one capable of ready adjustment to raise and lower it and adapted to enable the
15 goods to be readily stretched and arranged to present smooth upper and lower faces.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated
20 in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings, Figure 1 is an elevation, partly in section, of a quilting-frame constructed in accordance with this invention.
25 Fig. 2 is a sectional view of a portion of the frame.

Like numerals of reference designate corresponding parts in both figures of the drawings.

1 1 designate end bars of a quilting-frame, and the said end bars, which are of the ordinary construction, are connected near their terminals by rolls 2 and 3, adapted to receive the goods and provided with any suitable means for holding them against rotation. The
30 goods extends from the roll 2 to a bar 4, and then passes upward over a tension-roll 5, and thence to and around the roll 3, and by this arrangement perfectly smooth upper and lower faces are obtained. This arrangement
40 of rolls also enables the goods to be held securely in proper position and effectually prevents the same from accidentally slipping. The side bars or end bars are connected by hinges 6 with the lower ends of upwardly-extending inclined arms or bars 7, which are
45 connected by a resilient rod or bar 8, of spring-steel or other suitable material. The resilient rod or bar, which is constructed of thin material, is bowed at the top to engage a
50 swivel-hook 9, and its side portions extend downward through loops 10 of the upper ends

of the inclined bars 7. The loops 10 may consist of clips or sleeves, and the terminals of the resilient connecting-bar 8 are secured to the inclined arms or bars 7 by means of fastening devices 11, preferably consisting of bolts having thumb-nuts, as clearly shown in Fig. 1. The upper portions of the connecting bars or arms 7 are provided with perforations 12, arranged at intervals and adapted to
55 receive the bolts 11 to enable the ends of the resilient connecting-piece 8 to be secured at different points. By this construction the quilting-frame may be readily raised and lowered to arrange it properly with relation to a
60 machine.

The swivel-hook 9 is mounted on a carriage or hanger 13, consisting of a horizontal bar provided with suitable bearings 14 for rollers or wheels 15, which are arranged to run on a
65 supporting-wire 16 in the usual manner. The quilting-frame is suspended from the hanger or traveler by means of the said hook, and it is adapted to be rotated in the usual manner. The supporting-wire is connected with a wind-
70 lass-shaft 17, having oppositely-disposed crank-handles 18 and journaled within suitable bearings of a frame 19. The frame 19, which is approximately U-shaped, is composed of two sides and a connecting portion, and
75 which is provided with an eye 20, adapted to engage a hook or other suitable supporting device. A pair of links 21 is arranged on the shaft, and each link is adapted to engage one side of the frame and one of the crank-handles,
80 as illustrated in Fig. 1 of the drawings, whereby the shaft is locked at the desired adjustment. This arrangement of links and crank-handles enables the shaft to be locked at every
85 half-revolution. When it is desired to rotate the shaft, the links are both arranged on the central portion of the shaft beyond the crank-handles, and the shaft will then be free to turn. The windlass enables the supporting-wire to
90 be readily stretched to the desired tension, and it will permit the same to be readily slackened when it is desired to detach the supporting-wire.

It will be seen that the quilting-frame is exceedingly simple and inexpensive in construction and that it is strong and durable
95 and that it is capable of ready adjustment to

raise and lower it. It will also be clear that the material is adapted to be readily stretched on the rolls and that the said material is securely held and presents smooth upper and
5 lower faces.

What I claim is—

1. The combination with a quilting-frame, of arms or bars hinged at their lower ends thereto and converging upwardly therefrom,
10 a hanger, a bowed resilient connecting-bar carried by the hanger, and means for securing its end portions adjustably to the arms or bars.

2. The combination with a quilting-frame,
15 of arms or bars hinged at their lower ends

thereto and converging upwardly therefrom and provided at their upper ends each with a series of perforations, a hanger, a bowed resilient connecting-bar carried by the hanger, and means comprising a bolt, or the like, 20 passed through the perforations in the ends of the arms or bars for adjustably securing the end portions of the resilient bar thereto.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in 25 the presence of two witnesses.

RILEY P. MCKINLEY.

Witnesses:

J. A. FRAYSER,

E. E. GREGORY.