

May 7, 1935.

A. W. KNUTSON

2,000,397

QUILT AND RUG FRAME

Filed May 21, 1934

2 Sheets-Sheet 1

Fig. 1.

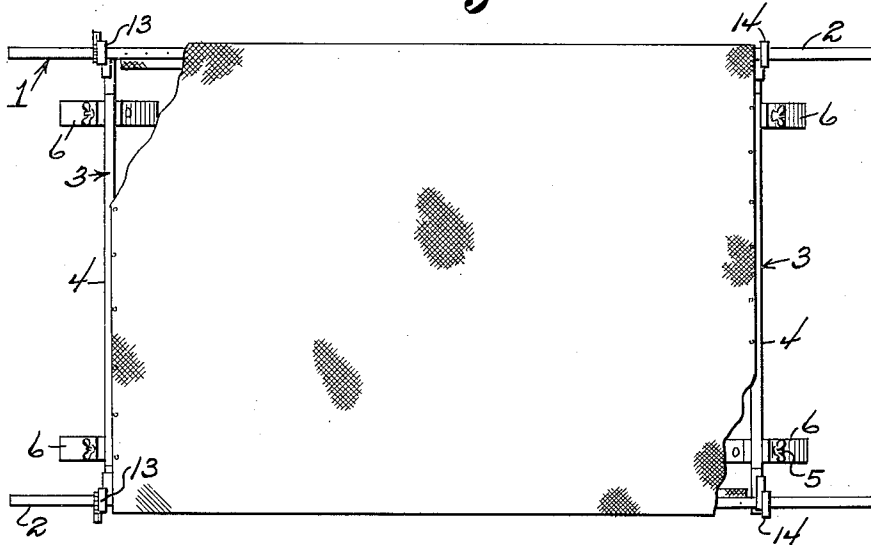


Fig. 2.

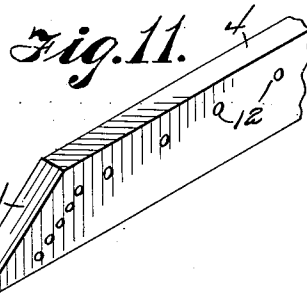
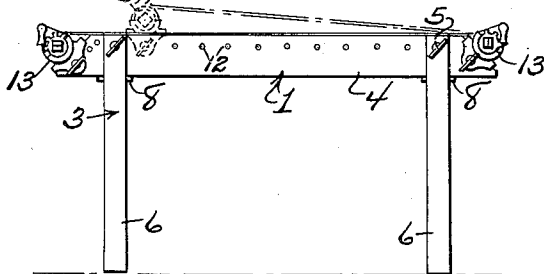


Fig. 3.

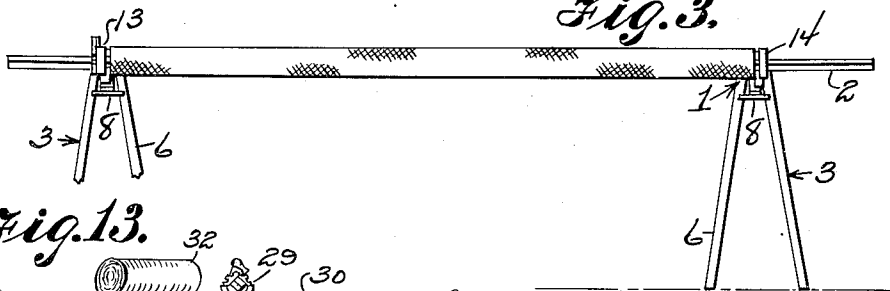
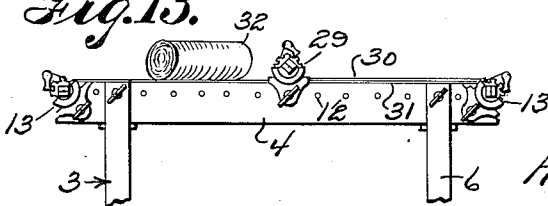


Fig. 13.



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Fig. 4.

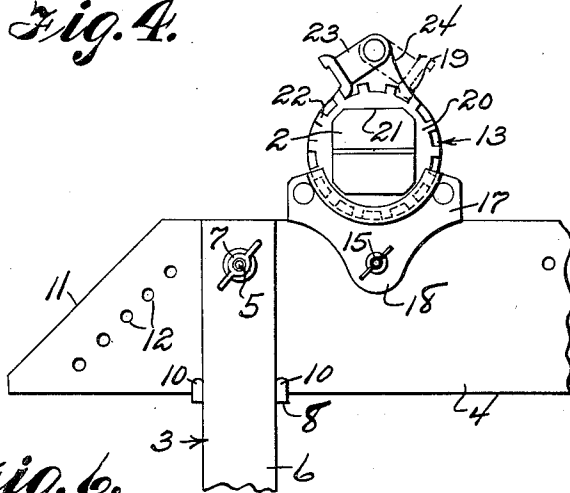


Fig. 6.

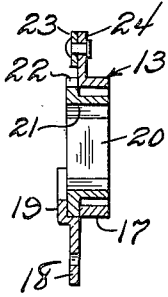


Fig. 7.

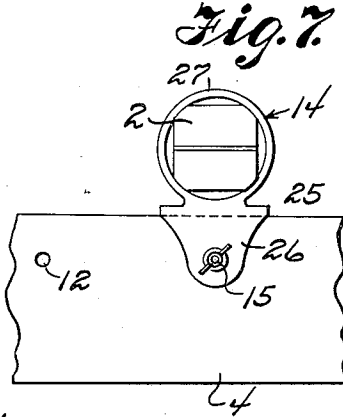


Fig. 10.

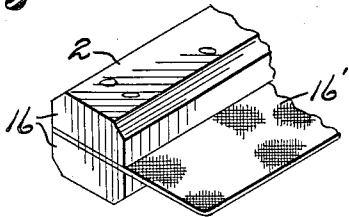


Fig. 5.

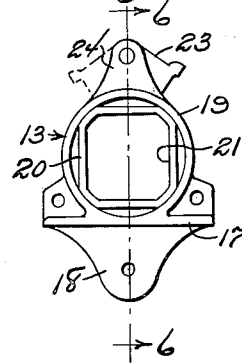


Fig. 8.

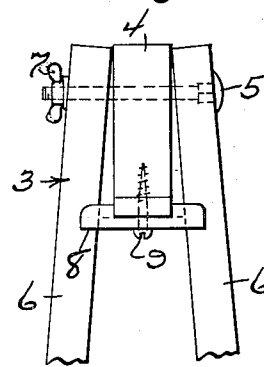


Fig. 9.

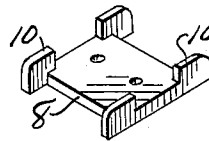
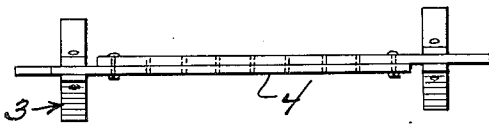


Fig. 12.



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# UNITED STATES PATENT OFFICE

2,000,397

## QUILT AND RUG FRAME

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Application May 21, 1934, Serial No. 726,836

### 1 Claim. (Cl. 45—24)

This invention relates to frames employed in the making of quilts, rugs and like articles and has for the primary object, the provision of a device of the above stated character which will efficiently support fabric and other like materials so operators may conveniently carry out work on said materials to form the latter into a finished product and the device is of light construction and is readily adjustable to desired dimensions and equipped with means for placing the fabric or materials under varied tensions and may be easily folded or collapsed with the unfinished product still attached thereto so that handling and storing of the device may be easily carried out.

With these and other objects in view this invention consists in certain novel features of construction, combination and arrangement of parts to be hereinafter more fully described and claimed.

For a complete understanding of my invention, reference is to be had to the following description and accompanying drawings, in which Figure 1 is a top plan view illustrating a frame supporting fabric or like material and constructed in accordance with my invention.

Figure 2 is an end elevation illustrating the device and showing in dotted lines how the fabric may be supported in an inclined position.

Figure 3 is a fragmentary side elevation illustrating the device.

Figure 4 is a fragmentary end elevation illustrating one of the mountings for the fabric poles and carried by one of the supporting elements of the frame.

Figure 5 is an end view illustrating the mounting.

Figure 6 is a sectional view taken on the line 6—6 of Figure 5.

Figure 7 is a fragmentary end elevation showing a companion mounting to the mounting disclosed in Figures 4 and 5.

Figure 8 is a fragmentary end elevation showing one of the supporting elements of the frame.

Figure 9 is a bracket for releasably retaining the legs of the supporting element of the frame in operative position.

Figure 10 is a fragmentary perspective view illustrating one of the fabric poles and the connection of a piece of fabric thereto.

Figure 11 is a fragmentary perspective view illustrating a connecting member between the supporting legs of one of the supports of the frame.

Figure 12 is a plan view illustrating a modified form of connecting member.

Figure 13 is a fragmentary end elevation illustrating a modified form of my invention.

Referring in detail to the drawings, the numeral 1 indicates a frame for movably supporting fabric or other similar materials for the making or construction of quilts, rugs and the like and consists of a pair of poles 2, to which the fabric is secured and wound on and said poles are carried by a pair of supports 3 constructed similarly to trestles, each including a connecting bar 4 having secured thereto, by bolts 5, pairs of legs 6. Each pair of legs is connected to the bar 4 by a single bolt equipped with a wing nut 7 whereby the legs may be swung to parallel the bar 4 when collapsing the frame 1. To retain the legs in supporting or operative position, plates 8 are provided for the pairs of legs and are secured to the bar 4 by screws or like fasteners 9. Each plate 8 accommodates a pair of legs and is provided with pairs of spaced ears 10 between which the legs fit when in operative position. By releasing the nuts 7 on the bolts 5, the legs may be disengaged from the ears 10 and folded to parallel with the bar 4. The ends of the bar 4 are beveled or inclined, as shown at 11, and also is provided with a series of openings 12 for the purpose of permitting of pole mountings 13 and 14 to be secured by bolts 15 to the bars 4 of said trestles 3 at any selected point between the ends of the bars 4. Each pole 2 is mounted to a bar 4 by the mountings 13 and 14 and the pole is of substantially rectangular shape in cross section and includes parallel members 16 between which is secured a strip of fabric or material 16' to which the quilt or rug materials are suitably secured. The members are nailed or otherwise secured together. The quilt or rug materials may be wound from one pole to the other.

The mounting 13 includes a base 17 equipped with an attaching flange 18 apertured to receive a bolt 15 and to engage with one of the faces of the bar 4 while the base rests upon the upper edge of said bar. A body 19 is formed integral with the base and rotatably supports a bearing element 20 having a substantially rectangular shaped opening 21 to removably receive a pole 2, the ends of the latter being beveled to allow reasonably loose registering fit of said pole in the opening 21. The bearing element is provided with spaced teeth 22 to be engaged by a dog 23, the latter being pivoted to an extension 24 formed on the body. The dog 23 is so designed that it will hold the bearing element against rotation

in either direction by reversing the position of the dog 23, as suggested by full and dotted lines in Figure 4. The dog disengaged from the bearing element permits rotation of the poles in either direction for the purpose of winding on and off the fabric.

The mounting 14 includes a base 25 engageable with the upper edge of the bar 4 and is provided with a flange 26 apertured to receive a bolt 15. A bearing 27 is integral with the base 25 and rotatably supports one end portion of the pole.

Each pole 2 is connected to the trestles 3 by a pair of mountings 13 and 14 which permits the location of the poles to be varied on the trestles and also permits either pole to be rotated while the other pole is held against rotation or both poles rotated simultaneously.

The poles thus mounted to the trestles permits the fabric to be wound from one pole to another and also the distance between said poles may be varied so as to vary with portions of the fabric positioned to have work carried out thereon. The mountings 13 and 14 when applied to the beveled ends of the bars 4 of the trestles will support a portion of the fabric horizontally, as shown in full lines in Figure 2 and by positioning one of the poles on the upper edge of the bars, as shown in dotted lines in Figure 2, a portion of the fabric may be supported in an inclined position desirable in some instances by operators to carry out certain kinds of work on the fabric.

The fabric when supported by the pole, as shown in Figure 1, may also be secured to the upper edges of the bars 4 of the trestles by tacks or similar fasteners.

The bars 4 of the trestles 3 may be constructed, as shown in Figure 12, that is, each bar comprising a pair of sections adjustably secured together whereby the length of the bar may be varied.

In the construction of padded quilts and similar devices my invention may be employed as shown in Figure 13, that is, an additional pole other than the end poles 2 are employed and is indicated by the character 29. It is to be understood that the pole 29 is connected to the trestles by mountings 13 and 14 and is located intermediate the ends of the bars 4 of said trestles. Padded quilts include layers of fabric 30 and 31 between which is arranged suitable padding 32 arranged in roll form. The layer of fabric 31 is carried by the poles 2 while the layer of fabric 30 is carried by one of the poles 2 and the pole 29. The padding 32 may then be worked between the layers 30 and 31 and the latter stitched or otherwise secured together and as the padding is positioned on the layer 31 the pole 29 may be progressed along the trestles so that the layer of fabric 30 will be caused to cover or overlie the padding whence the heretofore mentioned securing of the layers of fabric 30 and 31 together and to the padding may take place. This last

form of my invention and as shown at 14 merely facilitates the placing of padding between layers of fabric and the securing of the layers of fabric together and to the padding.

The adjustability of the frame 1 and the mounting of the fabric thereto materially aids in the construction of quilts, rugs or like devices and permits varying numbers of operators to work upon the material simultaneously and from different ends and sides of the frame. It is also to be noted that the device is especially light in construction so that it can be easily moved from one place to another and furthermore, the device is so constructed that it can be collapsed into a compact device with the materials still applied thereto whereby storing of the device can be easily carried out and the resetting up of the device can be had without disturbing the unfinished product.

While the device has been described especially for the making of quilts, rugs and similar articles it is to be understood that the device can be successfully employed for stretching curtains, draperies and the like and furthermore the trestles may be employed for other purposes than the supporting of the poles when not desiring to employ the device in the construction of quilts, rugs and like articles.

The poles having longitudinal movement through the mountings 13 and 14 permits the end frames to be brought adjacent to the edges of the quilt or rug materials regardless of width so that said edges may be securely thumb tacked in sections as worked.

A device constructed in accordance with the foregoing and as illustrated in the drawings will be light in weight and can be readily folded without disturbing the work in a very limited length of time and the mountings for the poles permit turning of said poles either to the right or left and for locking said poles against rotation so that the materials of the rug or quilt can be placed under desired tension. The device further permits the positioning of the quilt or rug materials at a desk-like slant or flatly which makes the work by the operators more easily accomplished thereon.

Having described the invention, I claim:

A device of the character set forth comprising trestles each including a bar having beveled ends and an upper supporting edge, pairs of pole mountings engageable with the supporting edges and the beveled ends of the bars, detachable securing means for securing the mountings to the bars and for permitting said mountings to be adjusted endwise of the bars, fabric supporting poles journaled in said mountings, and locking means for one mounting of each pair of mountings whereby the poles may be secured against rotation and freed to rotate in either direction.

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