

J. C. A. GEHM.
 QUILTING FRAME:
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981,547.

Patented Jan. 10, 1911.

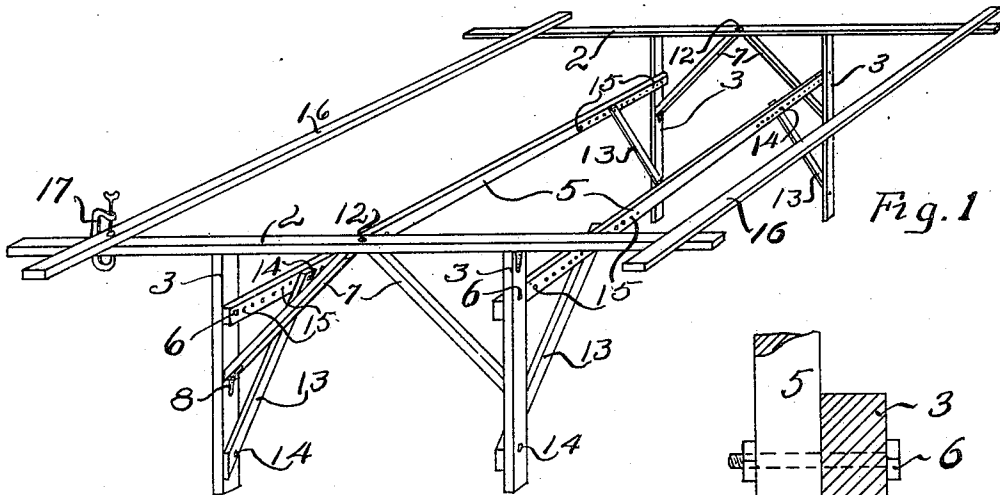


Fig. 1

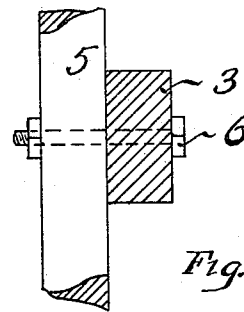


Fig. 2

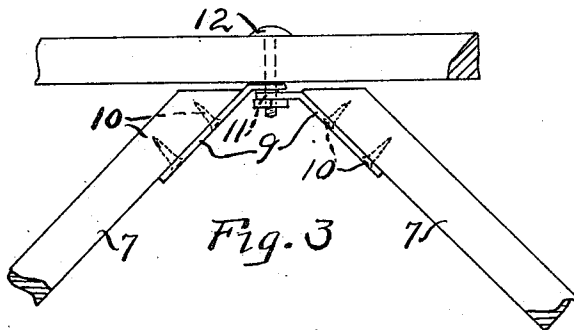


Fig. 3

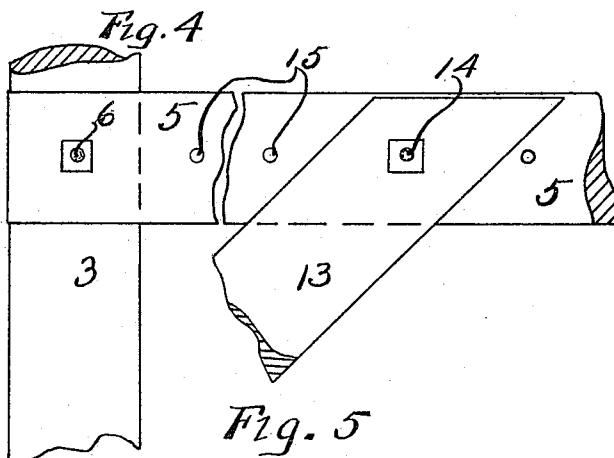


Fig. 5

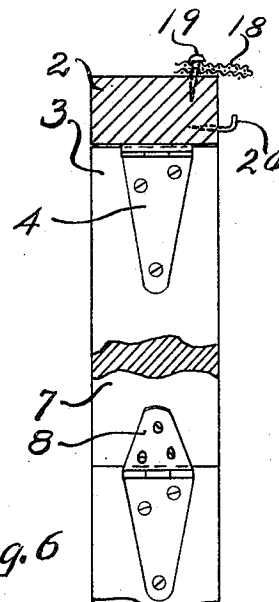


Fig. 6

Witnesses:
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UNITED STATES PATENT OFFICE.

JOHN CARL ALBERT GEHM, OF ZUMBROTA, MINNESOTA.

QUILTING-FRAME.

981,547.

Specification of Letters Patent.

Patented Jan. 10, 1911.

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To all whom it may concern:

Be it known that I, JOHN CARL ALBERT GEHM, a citizen of the United States, residing at Zumbrota, in the county of Goodhue and State of Minnesota, have invented a new and useful Improvement in Quilting-Frames, of which the following is a specification.

My device relates to improvements in quilting frames and has as its principal object the securing of a device that will be light and strong and at the same time simple in construction.

The frame as I have designed it is held at a convenient height without the use of chairs or benches, and can be adjusted to any size of quilt or curtain easily and quickly.

When not in use my device can be taken to pieces partially and folded into a convenient form for storage, only a few bolts being taken out in this process.

One of the greatest advantages of my device is the ease with which quilts may be rolled up as the process of tying progresses, the loosening of the clamps or pins at the corners for this purpose does not change the rigidity of the frame as is the case with the ordinary quilting frame.

In the drawings with which I have illustrated my device and which form part of the specification, Figure 1 is a perspective view of my quilting frame, and Figs. 2, 3, 4, 5, and 6 are details of my construction.

My quilting frame as illustrated consists of two end frames 2 having the usual length of quilting frames and made of any light material supported upon legs 3 which are attached to the frame by hinges 4, and spaced apart by side rails 5 which fasten to the legs by bolts 6. The legs 3 raise the end frames to a convenient height for quilting purposes and are detachably braced to the end frames and side rails. The bracing of the legs 3 consists of light pieces 7 hinged to the legs by hinges 8 in such a manner that they can be folded back against the legs, and having at their other ends metal clips 9 attached thereto by screws 10 and fitted with holes 11 suitable to engage the bolts 12 in the end frames 2. These braces stiffen the legs and end frames laterally. The legs 3 are braced to the side rails 5 by strips 13 attached to the legs and rails by removable bolts 14 thus bracing the frame longitudinally and producing a rigid rec-

tangular structure. When taking down the frame the bolts attaching the strips 13 to the side rails may be left in, affording a pivot on which they may be revolved into alignment with the side rail for convenience in packing.

In the side rails 5 are a series of equally spaced holes 15 fitted to receive bolts 6 and 14 and by means of which the length of the rectangular frame may be adjusted to suit the size of any article which it may be desirable to stretch upon it.

On top of the end frame 2 are laid two side frames 16 which serve as the movable side pieces or rollers of the quilting frame. These side frames may be fastened to the end frames in any desired position by screw clamps 17 or any other suitable means ordinarily used to fasten quilting frames together in operation.

It will be readily noticed that my entire frame is made of a material of uniform lightness, that the parts where attached by bolts, use bolts of the same size, that the legs and end frames fold back upon each other by means of hinges to form a compact bundle and that the entire structure can be taken down for storage or set up for use without tools and in a very short space of time.

In order to afford ready attachment for quilts or other material which may be stretched upon the frame, I attach to one edge of my end and side frames, a piece of folded cloth 18 fastened thereto by nails or screws 19. If it is desirable, small hooks may be placed upon the inner sides of the frames for the convenient attachment of window curtains or any fabric which it is desirable to stretch upon the frame.

In using my quilting frame, the material to be stretched upon the frame is attached to the cloth strips 18 or the hooks 20 upon the sides of the frame. The length of the frame is adjusted by the holes 15 and the width of the frame is adjusted by fastening the side rails 16 in the necessary position by the clamps 17. When it is desirable to roll up one side of the material upon the frame, the clamps 17 on that side frame are removed, the side frame is rolled up, and the clamps are replaced. In taking down the frame after the removal of the stretched material, the side frames 16 are first removed, then the bolts 14 in the legs are removed, the metal clips 9 are removed from the bolts 12,

the braces 13 are folded back upon the side rail and the braces 7 and legs 3 are folded back upon the end frame 2. All the parts of the structure are then laid side by side to form a compact bundle.

In accordance with the patent statutes I have described the principles of operation of my invention together with the apparatus which I now consider to represent the best embodiment thereof but I desire to have it understood that the construction shown is only illustrative and that the invention can be carried out by other means and applied to uses other than those above set forth within the scope of the following claims.

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

1. A quilting frame comprising end frames, side frames resting thereon, supports foldably secured to said end frames, a pair of detachable, single piece, bars between said end frames, connected thereto below said side frames and adapted to space them apart adjustably, and braces connecting said supports to said end frames and to each end of said bars, said braces being foldably attached at one end and separably attached at the other, adapting them to fold up, for the purposes specified.

2. A quilting frame, comprising, end frames, side frames resting thereon, legs hinged below said end frames, braces hinged to said legs and detachably fastened to said end frames, side rails between said legs on

either side of said frame and adapted to space said end frames apart, braces pivoted on said side rails and detachably fixed to said legs, a series of leg and brace attachments on said side rails adapted to adjust the length of said quilting frames; whereby said detachably fastened parts may be readily detached and folded up or replaced and adjusted, for the purposes specified.

3. A quilting frame, comprising, end pieces at either end of said frame, side pieces detachably fastened upon said end pieces, legs hinged to said end pieces and adapted to be folded back against said end pieces when said quilting frame is knocked down, side rails attached to said legs on either side of the frame adapted to adjustably space said end pieces apart, braces hinged to said legs and removably attached to the end pieces, and other braces pivoted upon said side rail and removably attached to said legs and adapted to be rotated back upon said side rails when the quilting frame is knocked down; whereby the quilting frame is adapted to be rigidly braced for the purposes of quilting and readily knocked down for storage.

In testimony whereof, I have signed my name to this specification, in the presence of two subscribing witnesses.

JOHN CARL ALBERT GEHM.

Witnesses:

DAVID METZGER,
H. E. WEISS.