R. W. BURK.

QUILTING FRAME.

No. 192,973. Patented July 10, 1877.

Fig. 1.

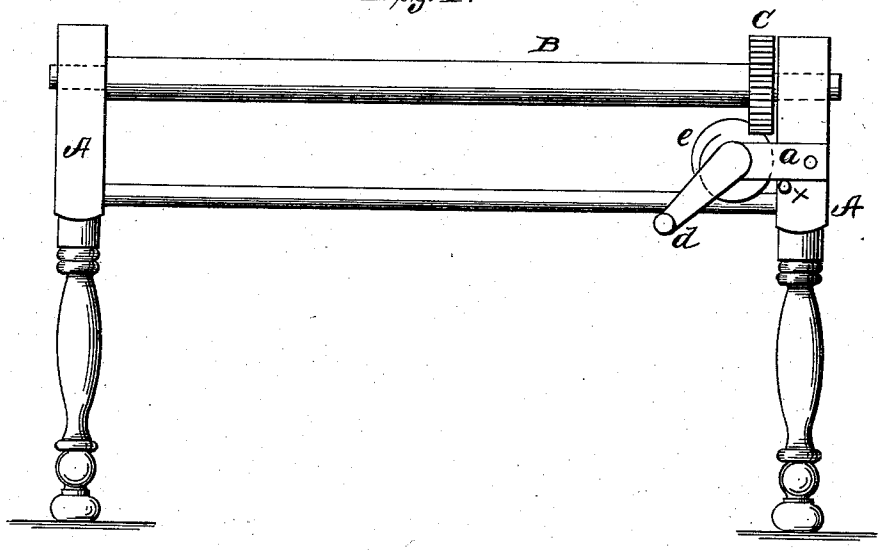
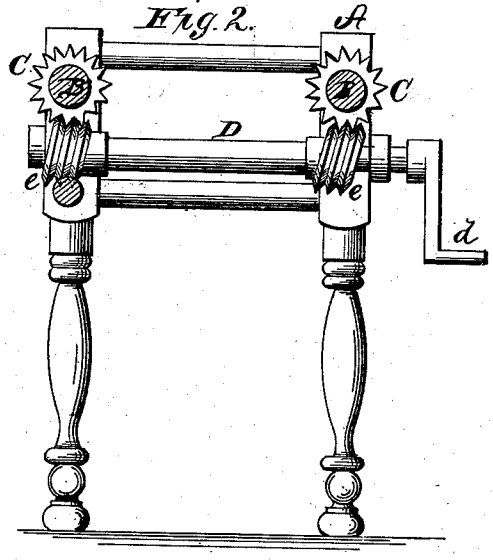


Fig. 2.



WITNESSES

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ROSWELL W. BURK, OF BATTLE CREEK, ASSIGNOR TO HIMSELF AND EUGENE DARLINGTON, OF PENFIELD, MICHIGAN.

IMPROVEMENT IN QUILTING-FRAMES.

Specification forming part of Letters Patent No. **192,973**, dated July 10, 1877; application filed May 3, 1877.

To all whom it may concern:

Be it known that I, ROSWELL W. BURK, of Battle Creek, in the county of Calhoun, and in the State of Michigan, have invented certain new and useful Improvements in Quilting-Frames; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of the several parts of a quilting-frame, as will be hereinafter particularly described.

To enable those skilled in the art to make and use my invention, I will now proceed to describe its construction and operation.

In the accompanying drawings, making part of this specification, Figure 1 represents a side elevation, and Fig. 2 an end view.

In the figures, A represents a rectangular frame, of any suitable dimensions, and supported upon suitable legs.

Running lengthwise of this frame, and having bearings in it, are two rollers, B B, to which pieces of cloth are attached for holding the material to be quilted. These rollers are parallel, and are provided at or near one end with the pinions C C. Beneath these pinions, and crosswise of the frame, is a crank-shaft, D. Upon this shaft are secured two worm-threads, *e e*. The threads are intended to catch or work between the teeth of the pinions, for the purpose of giving motion to the rollers B B.

The bearing at one end of the shaft is secured firmly to the frame, while at the other end, as seen at *a*, it is pivoted, so that one end of the shaft may be allowed to drop slightly and release the worm at that end from the teeth of the pinion. When the bearing is raised to throw the worm in gear, a pin, *x*, is placed under it to keep it in place.

In using this frame, the material is first wound around the roller, which has a permanent or fixed bearing, so that it can be tightly stretched. The movable thread is then thrown in gear, and by turning the crank the material is wound upon the other roller, as the progress of the work requires.

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

1. The shaft D, with its threads *e e*, when one end of said shaft has a movable and adjustable bearing, as and for the purpose set forth.

2. The combination, with the frame A of a quilting-frame, of the rollers B B, having pinions C C, the shaft D, with its worm-threads *e e*, and the adjustable bearing *a*, substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 17th day of April, 1877.

ROSWELL W. BURK.

Witnesses:
FRANK GALT,
MARTIN METCALF.