

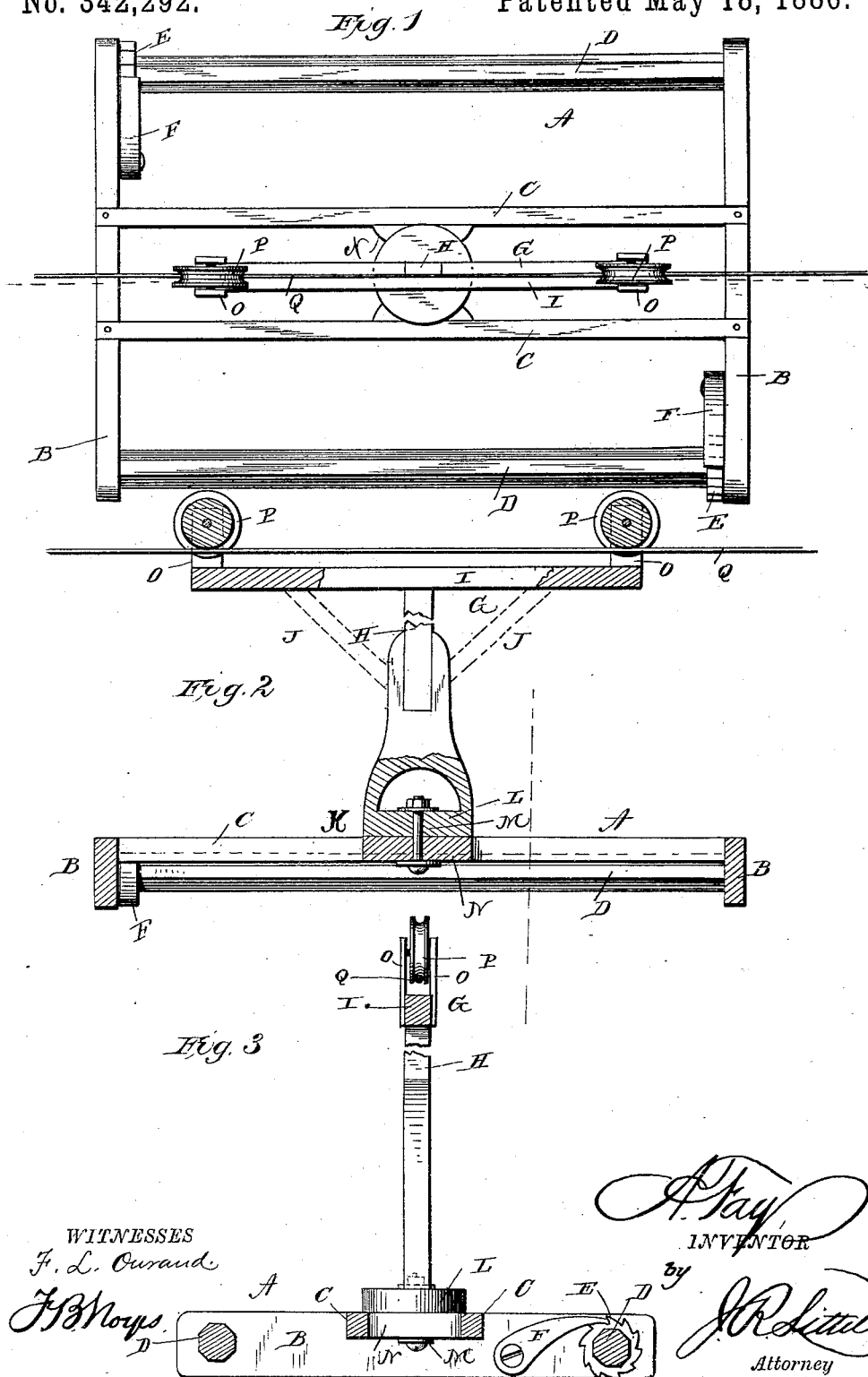
(No Model.)

A. FAY.

QUILTING FRAME FOR SEWING MACHINES.

No. 342,292.

Patented May 18, 1886.



UNITED STATES PATENT OFFICE.

ALPHUS FAY, OF COLUMBIA, TENNESSEE.

QUILTING-FRAME FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 342,292, dated May 18, 1886.

Application filed April 27, 1885. Serial No. 163,538. (No model.)

To all whom it may concern:

Be it known that I, ALPHUS FAY, of Columbia, in the county of Maury and State of Tennessee, have invented certain new and useful Improvements in Quilting-Frames for Sewing-Machines, of which the following is a specification.

Figure 1 is a top or plan view of my improved quilting-frame for sewing-machines. Fig. 2 is a longitudinal vertical sectional view of the same, and Fig. 3 is a vertical transverse sectional view taken on the line *x x* in Fig. 1.

The same letters refer to the same parts in all the figures.

This invention relates to quilting-frames to be used in connection with sewing-machines for the purpose of holding the material to be operated upon stretched and taut; and it has for its object to provide a device of this class which shall possess superior advantages in point of simplicity, durability, and general efficiency.

With these ends in view the invention consists in the improved construction and combination of parts, which will be hereinafter fully described, and particularly pointed out in the claim.

In the drawings hereto annexed, A designates the frame, which consists of a pair of end bars, B B, connected by longitudinal bars C C, which are placed comparatively closely together. The ends of the bars B B are provided with bearings for the longitudinal shafts or rollers D D, each of which is provided with a ratchet-wheel, E, engaging a dog or pawl, F, pivoted to the adjoining end piece, B, and whereby the said shafts or rollers may be locked or prevented from turning in an inward direction.

G is a suspending-frame, which is composed of a vertical bar, H, and a horizontal bar, I, which may be connected by suitable diagonal braces, J J. The lower end of the vertical bar is bifurcated, as shown at K, and provided with a disk or turn-table, L, which is

connected by a swivel-bolt, M, with a plate, N, which is secured centrally between the longitudinal bars C C of the frame A. The ends of the horizontal bar I are provided with upwardly-extending forked brackets O O, in which are journaled grooved wheels or pulleys P P.

Q in Fig. 2 indicates a suspending cord, wire, or other suitable track, which is to be suitably stretched above the sewing-machine, and upon which the device is arranged to travel by means of the pulleys P P.

The operation of this invention will be readily understood. The material to be operated upon is attached to and wound upon the shafts or rollers D D, by turning which in an outward direction the material may be stretched and held securely. The main frame A being connected with the suspending-frame by a swivel-bolt, it may readily be turned to any desired position. It will be seen that, by swiveling the main frame A to the lower end of the bar, the frame may be readily and easily turned, and that said bar is braced and held firmly and securely in position by the diagonal braces.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

In a quilting-frame, the combination, with a track, of a bar having forked brackets at its ends and rollers journaled between said brackets and adapted to travel on the track, the vertical bar H, depending from bar I, and having a bifurcated lower end and disk L, the braces J, connecting bars H and I, the frame having the bars C, and the plate N, connecting them, and the bolt passing through the disk L and plate N, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

ALPHUS FAY.

Witnesses:

E. E. ERWIN,
J. H. SYKES.