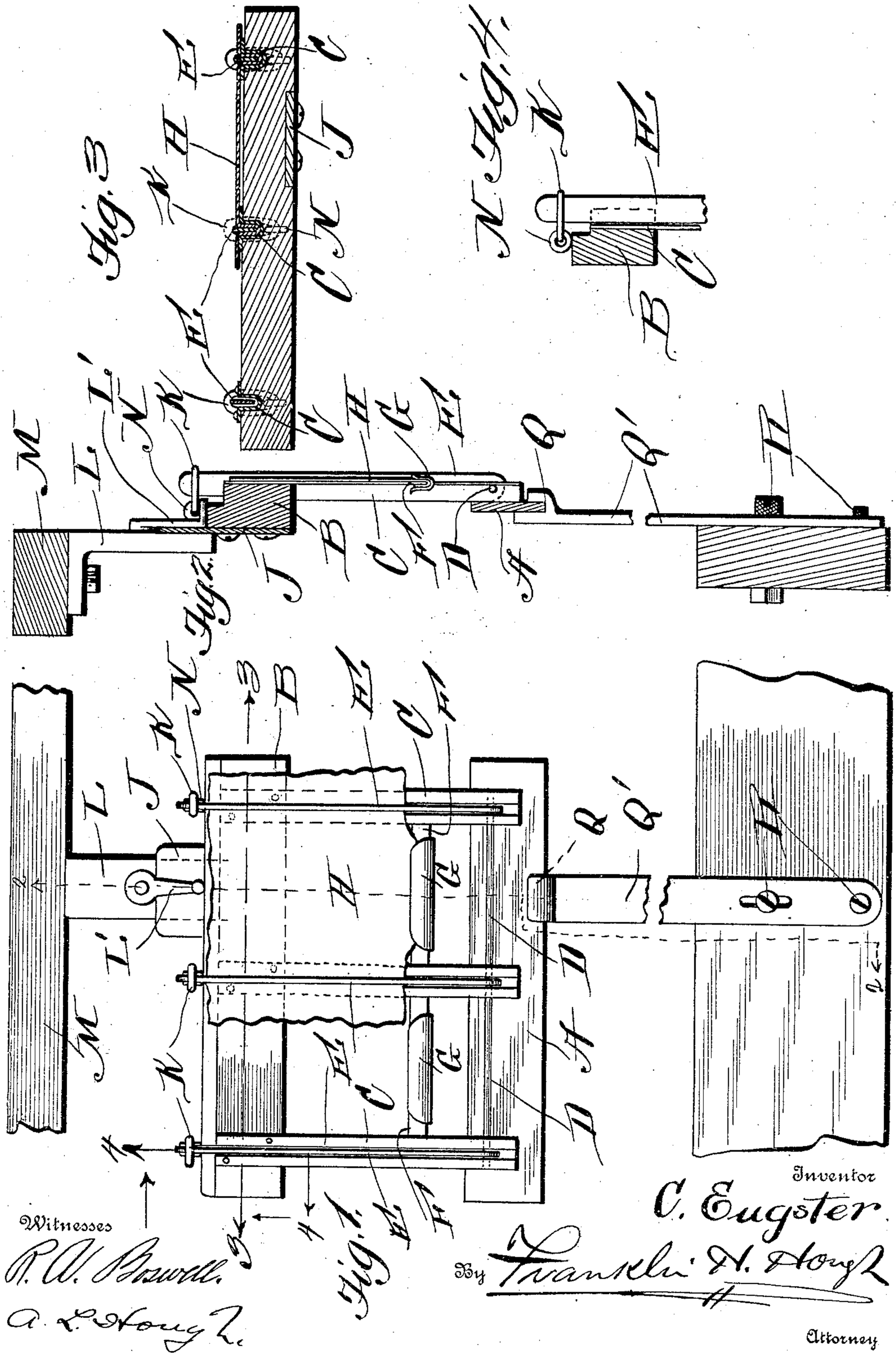
No. 839,923. PATENTED JAN. 1, 1907.

C. EUGSTER.

FABRIC HOLDING RACK FOR EMBROIDERY MACHINES.

APPLICATION FILED JUNE 21, 1906.



UNITED STATES PATENT OFFICE.

CONRAD EUGSTER, OF PASSAIC, NEW JERSEY.

FABRIC-HOLDING RACK FOR EMBROIDERY-MACHINES.

No. 839,923. Specification of Letters Patent. Patented Jan. 1, 1907.

Application filed June 21, 1906. Serial No. 322,755.

To all whom it may concern:

Be it known that I, CONRAD EUGSTER, a citizen of the United States, residing at Passaic, in the county of Passaic and State of New Jersey, have invented certain new and useful Improvements in Fabric-Holding Racks for Embroidery-Machines; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in apparatus for holding and keeping handkerchiefs and other articles in position while being embroidered by an embroidery apparatus, and comprises a vertically-disposed rack having vertical grooves in which pivotal retaining-bars are mounted and between which and the walls of the grooves the fabric is to be held taut.

The invention consists, further, in various other details of construction and combinations and arrangements of parts which will be hereinafter fully described, and then specifically defined in the appended claims.

My invention is illustrated in the accompanying drawings, in which—

Figure 1 is a front elevation of the apparatus shown as attached to the embroidery-frame. Fig. 2 is a sectional view on line 2 2 of Fig. 1. Fig. 3 is a sectional view on line 3 3 of Fig. 1, and Fig. 4 is a sectional view on line 4 4 of Fig. 1.

Reference now being had to the details of the drawings by letter, A designates a metallic plate, and B a wooden block or plate, which are connected by means of the trough-shaped strips C, which are spaced apart, the portions of which strips which are connected to said wooden block being countersunk in grooves formed in the face thereof. A rod D passes through said trough-shaped strips, and E E designate bars which are pivotally mounted upon said rod, one in each of said trough-shaped strips. Cross-bars F connect said strips and clamping members G, which are substantially U-shaped in cross-section and made of resilient metal, are adapted to catch over a piece of fabric H to be embroidered, and clamp the same over said cross-bars while portions of the fabric are held by said pivotal bars which are made to force the fabric down in the troughs and hold the same taut. The free ends of said pivotal bars are held within the trough-shaped strips by means of the links K, which are connected to the screw-eyes N, mounted upon said wooden block.

The fabric-holding frame is adapted to be supported by the embroidery-frame by said metallic plate resting in a slot Q, formed in the upper end of the bar Q′, which is fastened to the embroidery-frame by means of screws R. The inner face of said wooden block has a recess formed therein in which a metallic plate J is fastened, and held upon the cross-piece M of the embroidery-frame is an angle-plate L, having pivotally mounted thereon a crank-arm L′, the end of which is adapted to swing down over the metallic plate J in order to hold the frame in a vertical position. When it is desired to remove the fabric-holding frame, said crank-arm is swung up, so as to clear the plate J, after which the frame may be raised out of the slot in the bar in which the metallic plate rests.

The application of my invention will be clearly understood, and when it is desired to adjust a handkerchief or other article to the frame it is placed over the trough-shaped strip, the corner of the handkerchief or other article being held by the U-shaped clamping member, while portions of the fabric of the handkerchief or other article are caught by the pivotal bars and held within the trough portions of said frame, thereby holding the fabric taut while being operated upon by the apparatus of the embroidery-frame.

What I claim is—

1. In combination with the frame having trough-shaped strips, pivotal bars adapted to hold portions of the fabric therein, a fixed bar having an L-shaped recess upon the side thereof, a bar secured to said frame and adapted to engage said recess, a pivotal crank-arm adapted to hold the upper portion of the embroidery-frame, as set forth.

2. In combination with an embroidery-frame, a fabric-holding frame, means for holding a fabric thereon, a slotted bar mount-

ed upon the embroidery-frame and adapted to receive the lower end of the fabric-holding frame, an angle-plate fixed to the embroidery-frame, a pivotal crank-arm mounted thereon, and a plate fixed to the fabric-holding frame and adapted to be engaged by said crank-arm, as set forth.

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

CONRAD EUGSTER.

Witnesses:
JAS. A. SULLIVAN,
WILLIAM GRAY.