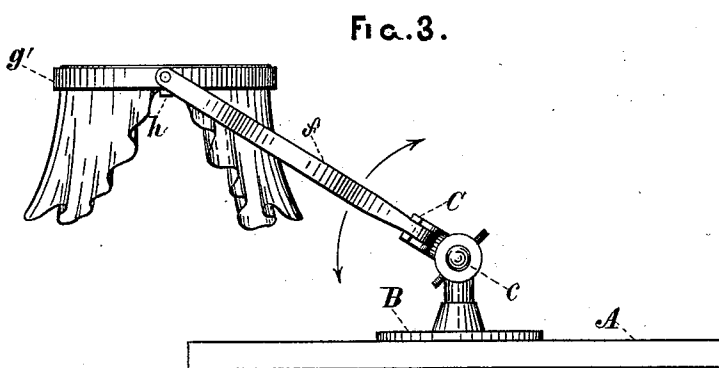
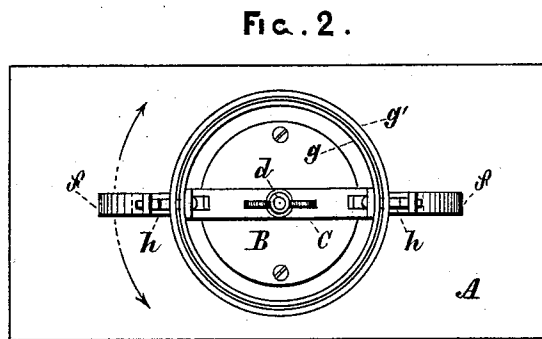
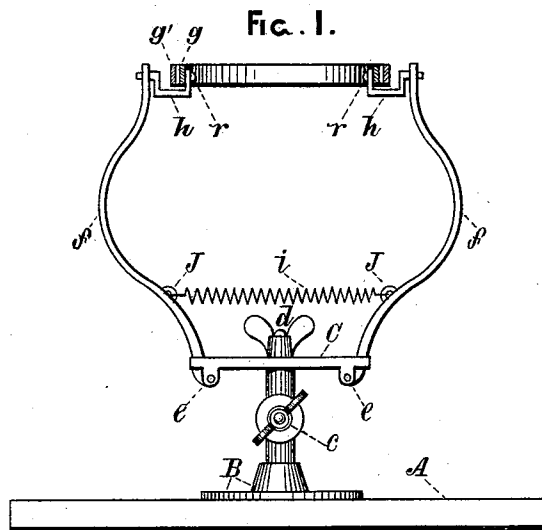


(No Model.)

J. H. WHITE.
EMBROIDERY FRAME.

No. 406,119.

Patented July 2, 1889.



WITNESSES:

J. Lewis.

A. W. Newton.

INVENTOR

John H. White
BY *J. S. Davenport*

ATTORNEY

UNITED STATES PATENT OFFICE.

JOHN H. WHITE, OF GREENE COUNTY, ILLINOIS.

EMBROIDERY-FRAME.

SPECIFICATION forming part of Letters Patent No. 406,119, dated July 2, 1889.

Application filed April 8, 1889. Serial No. 306,454. (No model.)

To all whom it may concern:

Be it known that I, JOHN H. WHITE, of the county of Greene and State of Illinois, have invented a new and Improved Embroidery-Frame; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My invention relates to an improvement in embroidery-frames, my object being to provide a frame that can be used either upon a table or upon the lap of the operator and admit the employment therewith, as herein-after described, of stretchers or distenders of various sizes.

With these ends in view my invention consists in certain details of construction and combinations of parts fully explained in the following specification, and illustrated in the accompanying drawings, in which—

Figure 1 is a front elevation of an embroidery-frame provided with my improvement. Fig. 2 is a plan view of the same; and Fig. 3 is a side elevation of the frame, showing the supporting-arms of the stretcher in an inclined position.

Referring to the drawings, A represents a wooden base-board or lap-board, which may be of any convenient size, to the central part of which is secured a pedestal B, provided with a joint and thumb-nut *c*, so as to admit of being secured at any required inclination to the lap-board or base-board, as shown in Fig. 3. Pivotaly secured upon the top of said pedestal is a cross-bar C, secured in any required angular position about the axis of its supporting-pedestal by a thumb-nut *d*. Hinged at each end of said cross-bar, as shown at *e e* in Fig. 1, is a bent arm *f*, in the upper end of which is journaled a trunnion *h*, secured to the inner ring *g* of an ordinary circular stretching or distending frame, of which the outer and free ring *g'* forms the binding-band by which the fabric to be embroidered is held properly distended over the inner ring. (See Fig. 3.)

It will be observed that the arms *f* are drawn toward each other by a spiral spring *i*, secured at each end in an eye J, with which each arm is provided, also that the trunnions *h* are removable from the ring *g* by the withdrawal of the screws *r*, thus readily admitting

the employment of pairs of distending rings *g g'* of different sizes.

The adaptation of an embroidery-frame that can be used upon the lap of the operator to the reception of distenders of various sizes is a feature of considerable importance, and facilitates in no small degree the execution of much of the style of work now called for.

It will be noticed that the joint at *c* in the pedestal B affords a ready means for adjusting and securing the arms *f* at any required inclination to the base-board, as shown in Fig. 3, thus affording unobstructed and ample room for free use of the hands of the operator beneath the distending rings. It will be further noticed that the cross-bar C can be tilted into any required angular position about the axis of the inclined part of the pedestal B, as shown by the arrows in Fig. 2, and be there secured by the thumb-nut shown, thus enabling the operator to set the distending rings in any position that convenience may require.

I am aware that the distending rings *g g'* considered apart from the removable trunnions *h* and their supporting-frame are not new, and therefore I do not claim them.

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

In an embroidery-frame, a pedestal B, secured to the central part of a lap-board A and provided with a joint *c*, as described, a cross-bar C, centrally pivoted thereon, so as to revolve or vibrate in a plane at right angles to the axis of the inclinable part of said pedestal, arms *f f*, pivotaly secured, as shown, to the ends of the cross-bar C, a spring *i*, adapted to draw the arms *f f* toward each other, and a distender or stretcher supported by removable trunnions journaled in the upper extremities of the arms *f f*, all of said parts constructed, combined, and adapted to operate substantially as and for the purpose set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 11th day of March, 1889.

JOHN H. WHITE.

Witnesses:

A. W. NEWTON,
ROBERT NEWTON.