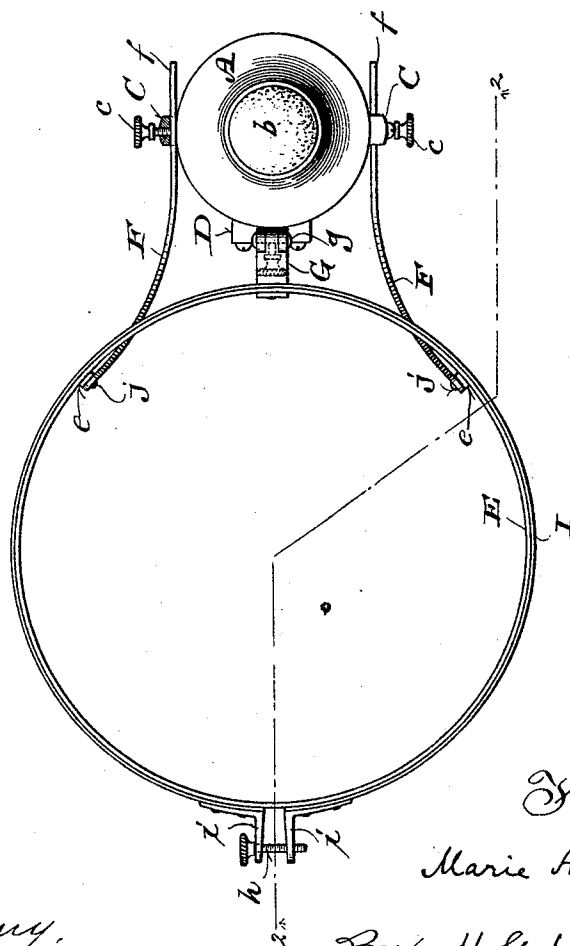
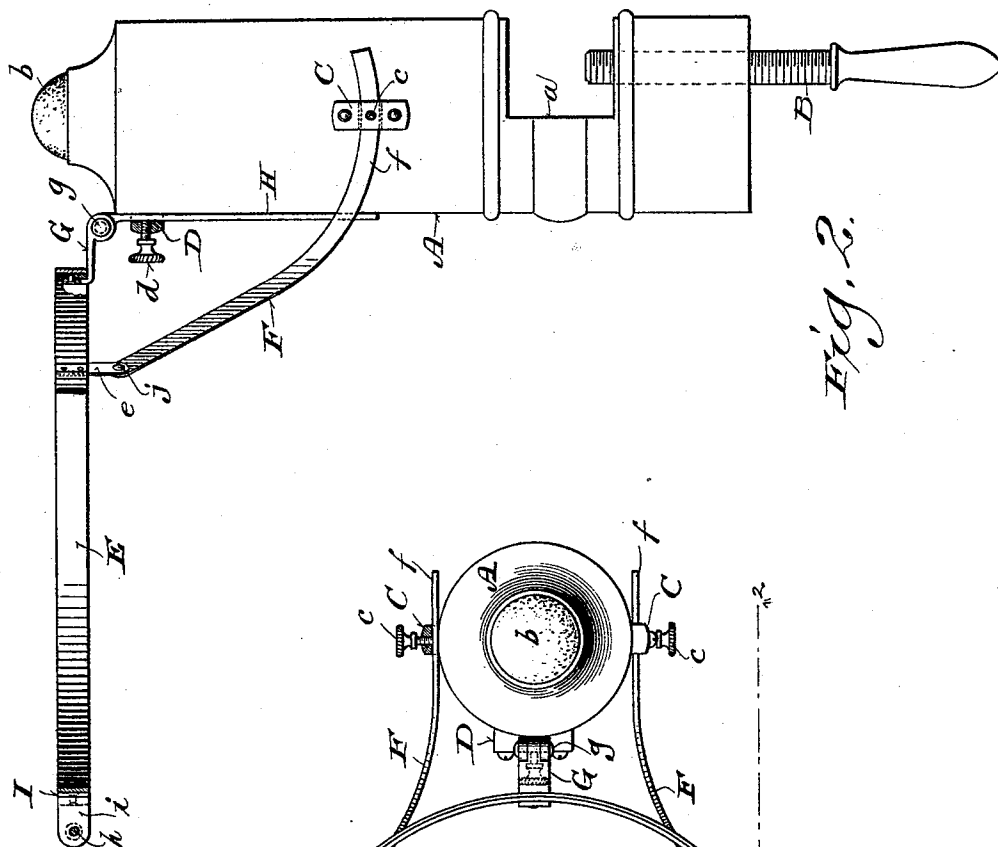


(No Model.)

M. A. VOIT.
EMBROIDERY FRAME.

No. 583,520.

Patented June 1, 1897.



Witnesses:
Geo. W. Young.
B. C. Roloff.

Inventor:
Marie A. Voit

By H. G. Underwood
Attorney

UNITED STATES PATENT OFFICE.

MARIE AUG VOIT, OF OAKWOOD, WISCONSIN.

EMBROIDERY-FRAME.

SPECIFICATION forming part of Letters Patent No. 583,520, dated June 1, 1897.

Application filed March 10, 1897. Serial No. 626,721. (No model.)

To all whom it may concern:

Be it known that I, MARIE AUG VOIT, a citizen of the United States, and a resident of Oakwood, in the county of Milwaukee and State of Wisconsin, have invented certain new and useful Improvements in Embroidery-Frames; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention relates to devices for holding a fabric to be embroidered; and it consists in certain peculiarities of construction and combination of parts, as will be fully set forth hereinafter and subsequently claimed.

In the drawings, Figure 1 is a plan view of my device. Fig. 2 is a side elevation, partly in section, on the line 2 2 of Fig. 1.

Referring to the drawings, A represents the standard or post of my device, having a recess *a* cut in one side thereof for the reception of the edge of a table-top or similar support, to which the said post may then be clamped by means of the screw B. The top of the post is conveniently supplied with a cushion *b* to receive the needles of the operator.

C C are vertically-arranged metallic loops on opposite sides of the post, having the shanks of thumb-screws *c c* passing there-through. D is a similar loop, save that it is horizontally arranged and secured to the inner side of the post A, near the top thereof, this loop being also provided with a thumb-screw *d*.

E is the inner ring of the embroidery-frame proper, and is a continuous band, preferably of polished steel, smooth on the outer vertical surface and having depending lugs *e e* rigidly secured to its inner surface, to which are pivotally secured, as shown at *j j*, downwardly-extending arms F F, the free ends *f* of which arms are bent so as to pass through the described side loops C C on the post and be secured by the thumb-screws *c c*, said arm ends *f f* being curved, as best shown in Fig. 2, for adjustment of the ring E, as hereinafter explained.

G is an angle-piece rigidly secured to the inner surface of the ring E at a point midway between the lugs *e e* and nearest to the post A, the said angle-piece forming one leaf of a hinge whose other leaf consists of a vertical brace-strip H, united to the piece G by

a hinge-bolt *g*, the said strip H extending downward through the loop D, to which it is secured by the thumb-nut *d*.

I represents the outer ring of the embroidery-frame. This is a split ring having lugs *i i* rigidly secured to and projecting outwardly from the free open ends thereof, said lugs having screw-threaded perforations there-through by which they may be drawn together by the thumb-screw *h*.

The operation of my device will be readily understood from the foregoing description of its construction, taken in connection with the accompanying drawings. When a fabric is to be embroidered, the outer ring I is removed from the ring E and the said fabric stretched over the latter, and then the ring I is replaced, being pushed down over the fabric, so that the latter is held firmly and smoothly in place, and the outer ring I is then tightened by the thumb-screw *h*. In the relative position of the parts shown in Fig. 2 the rings E I are held in a horizontal position, but in the operation of embroidering fabric held by said rings it frequently becomes necessary or desirable to change the position of the work, so that the rings and fabric carried thereby may be at an oblique angle to the post, and this adjustment is readily and quickly obtained in my device, by reason of the described hinged connection G *g* H and pivoted connection *e j* F, by simply loosening the thumb-screws *c c* and moving the curved ends *f f* of the arms F F back or forth in the loops C C until the rings and work are at the desired angle or inclination, when the thumb-screws *c c* are again tightened, and the brace-strip H and arms F F will keep the rings E I and the work carried thereby at the desired adjustment without danger of slipping or moving.

My device can be readily taken apart by first loosening the three thumb-screws *c c d*, and then drawing the brace-strip H and arms F F out of the loops D C C, after which the said brace-strip and arms can be folded against the rings E I, whereby economy of space for transportation or storage is effected.

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

An embroidery-frame, comprising a verti-

cal standard or post having a recess in the lower part thereof and a set-screw projecting into said recess, in combination with loops and thumb-screws on the opposite sides of
5 said post, and another loop and screw near the top thereof, a work-supporting ring having depending lugs secured to the inner surface thereof and an angle-piece similarly secured midway between said lugs, a brace-
10 strip hinged to said angle-piece and in engagement with the uppermost loop on the post, bent and curved arms pivoted to the said depending lugs and in adjustable en-

gagement with the said side loops on the post, and a split clamping-ring and adjusting- 15 screw for engagement with the work-supporting ring, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand, at Milwaukee, in the county of Milwaukee and State of Wis- 20 consin, in the presence of two witnesses.

MARIE AUG VOIT.

Witnesses:

H. G. UNDERWOOD,
B. C. ROLOFF.