

M. FRASCONA.
COMBINATION EMBROIDERY TABLE AND FRAME WITH TURNABLE RINGS.
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1,322,891.

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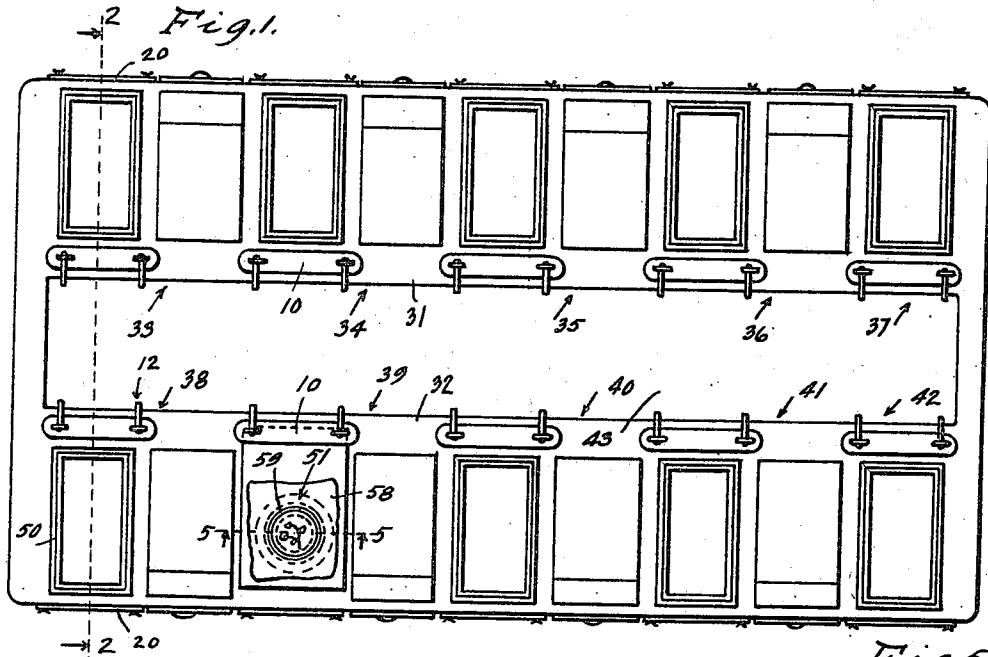


Fig. 2.

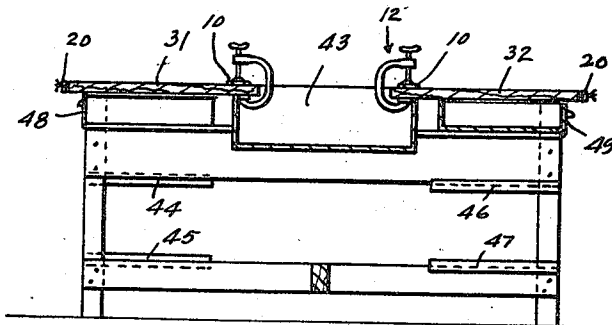


Fig. 5.

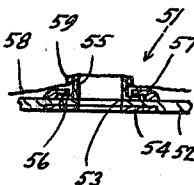


Fig. 3.

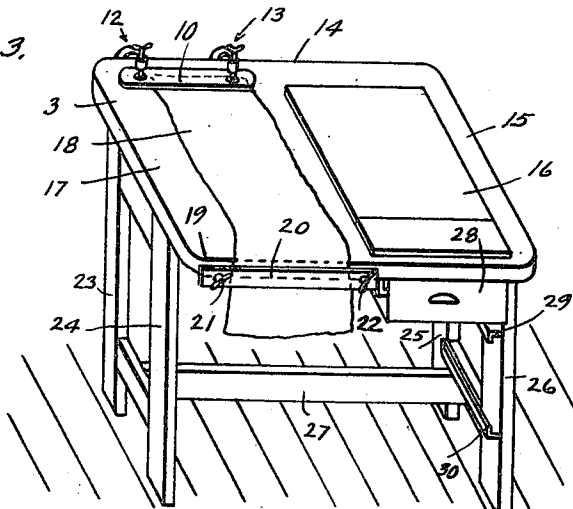
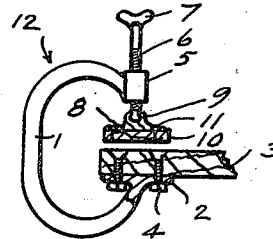


Fig. 4.



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UNITED STATES PATENT OFFICE.

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COMBINATION EMBROIDERY TABLE AND FRAME WITH TURNABLE RINGS.

1,322,891.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, MANLIO FRASCONA, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented new and useful Improvements in Combination Embroidery Tables and Frames with Turnable Rings, of which the following is a specification.

My object is to make a combination embroidery table and frame, and my invention consists of the novel features herein shown, described and claimed.

Figure 1 is a top plan view of a gang of combination embroidery tables and frames embodying the principles of my invention.

Fig. 2 is a vertical cross section on the line 2—2 of Fig. 1.

Fig. 3 is a perspective of a single combination embroidery table and frame.

Fig. 4 is an enlarged fragmentary sectional detail showing the mounting of one clamp.

Fig. 5 is a fragmentary sectional detail on the line 5—5 of Fig. 1.

Referring to Fig. 4, the C-clamp frame 1 has an attaching plate 2 formed integral with its lower end, and the attaching plate 2 is secured to the table top 3 by screws 4 so as to mount the C-clamp rigidly upon the table with the screw bearing 5 above the table. The screw 6 operates through the screw bearing 5 and has a handle 7 upon its upper end for manipulating the screw. The attaching flange 8 is connected to the lower end of the screw 6 by a ball and socket construction 9, and the attaching plate 2 is connected to the clamping board 10 by screws 4.

Referring to Fig. 3, the clamping board 10 is connected to two C-clamp constructions 12 and 13, each of said constructions being as shown in detail in Fig. 4, and each rigidly connected to the table top 3. The table top 3 is rectangular in plan and finished upon its upper face, and the board 10 extends substantially half the length of the rear edge 14 a short distance in front of the edge. The right-hand half 15 of the table top is clear and adapted to receive a drawing board, or the like 16. The left-hand half 17 of the table top is clear in front of the board 10 and is adapted to receive embroidery frames, or the like, and especially adapted to receive a piece of fabric 18 to be worked upon. Screws 6 are operated to raise the board 10 from the table top and the rear edge of the

fabric 18 is placed under the board, and then the screws operated to tighten the board upon the fabric to tighten the fabric upon the table and hold the rear edge. The fabric 18 is drawn tightly forward across the table top 3 and downwardly across the front edge 19 of the table top. A bar 20 extends across the fabric 18 in front of the fabric and clamping screws 21 and 22 connect the ends of the bar to the edge of the table top, so that when the screws are loosened the fabric 18 may be passed downwardly between the bar 20 and the edge 19 of the table top and drawn taut, and then the screws 21 and 22 tightened to hold the fabric while it is being worked upon.

The table top 3 is rigidly mounted upon legs 23 and 24 at the left-hand end, and legs 25 and 26 at the right-hand end. The legs 23 and 24 are connected by suitable braces, and the legs 25 and 26 are likewise connected by suitable braces, and a center brace 27 connects the lower cross braces together and forms a foot rest. A drawer 28 is slidably mounted under the right-hand half 15 of the table top. Slideways 29 and 30 are secured to the inner faces of the legs 25 and 26 to receive the drawing board 16 when it is desired to place the drawing board out of use.

Referring to Fig. 1, I have shown a large table having boards 31 and 32 mounted parallel and spaced apart, and the board 31 being constructed and equipped to form a gang of combination embroidery tables and frames 33, 34, 35, 36 and the half table 37, and the board 32 being correspondingly constructed and equipped to form a gang of combination embroidery tables and frames 38, 39, 40, 41 and the half table 42. A work box 43 is mounted below and between the boards 31 and 32. The outer edge of the board 31 forms the front of that gang of tables, and the opposite outer edge of the board 32 forms the front of the second gang of tables. Each table of the gang 33, 34, 35, 36 and 37 is provided with slideways 44 and 45, and each table of the gang 38, 39, 40, 41 and 42 is provided with slideways 46 and 47 to receive the drawing boards, and likewise each table upon the board 31 is provided with drawers 48, and each table upon the board 32 is provided with drawers 49.

The clamping boards 10 are at the back or inner sides of the boards 31 and 32. The rectangular embroidery frames 50, or the circular embroidery frames 51, or the like,

may be used in connection with the tables.

Referring to Fig. 5 the details of the circular embroidery frame 51 are as follows:

A rectangular board 52 has a circular opening 53, and a flat annular reinforcement 54 is embedded into the lower face of the board around the opening 53. The annular band 55 matches the opening 53 and has an annular flange 56 fitting upon the board 52 around the opening 53. The annular retaining ring 57 fits loosely around the flange 56 and is secured to the board 52 to make a bearing in which the band 55 will rotate freely. The fabric 58 to be embroidered is placed over the upper end of the band 55 and the retaining ring 59 is pressed down tightly to stretch the fabric across the opening 53 as required to embroider the space upon the fabric within the area of the band 55. The fabric 58 will lie upon the board 52 and may be turned around and back and forth as desired while the work progresses. The band 55 and retaining flange 57 may fit as loosely as desired so that there may be some lateral movement of the band within the flange. When desired the board 52 may be clamped to the table and frame by inserting the rear edge of the board 52 under the clamping board 10, as shown in Fig. 1.

Various changes may be made without departing from the spirit of my invention as claimed.

I claim:

1. A combination embroidery table and frame comprising two boards mounted parallel and spaced apart, a work box below

and between the boards, a gang of combination embroidery tables and frames constructed and equipped upon one board, a second gang of combination tables and frames constructed and equipped upon the other board, and a clamping means at the front and back sides of each board one positioned to each of the tables and frames.

2. A combination embroidery table and frame comprising a table top, C-clamp constructions connected to the rear face and back side of the table top and extending upwardly and forwardly over the table top, clamping boards connected to the C-clamp constructions in opposition to the face of the table top, an embroidery board fitting upon the table top and held removably in place by the clamping board, and a circular embroidery frame rotatably mounted in the embroidery board.

3. An embroidery board having a circular opening, a band matching the circular opening, a flange extending outwardly from the lower edge of the band upon the embroidery board, a retaining flange secured to the embroidery board and loosely engaging the first flange to rotatably mount the band upon the embroidery board, and means for securing the fabric to the band.

4. An embroidery board having a circular opening, and a circular embroidery ring rotatably mounted upon the embroidery board around the opening.

In testimony whereof I have signed my name to this specification.

MANLIO FRASCONA.