Oct. 6, 1925. 1,556,378

A. TOPAZZI

SEWING MACHINE CABINET

Filed Nov. 6, 1924 2 Sheets-Sheet 1

Fig. 1.

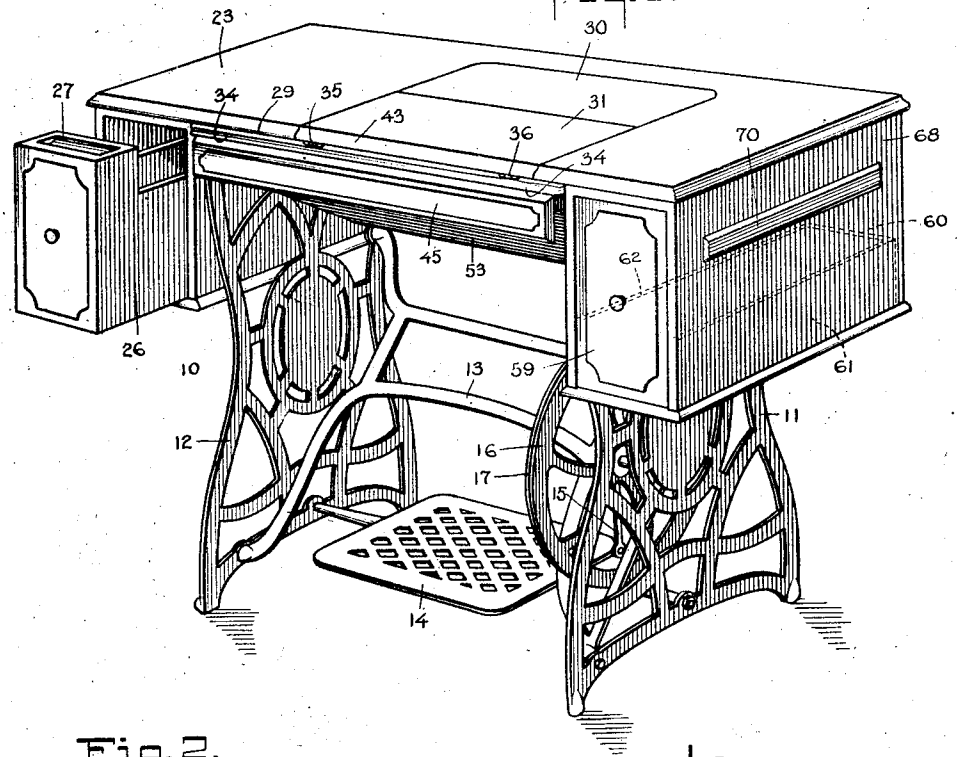
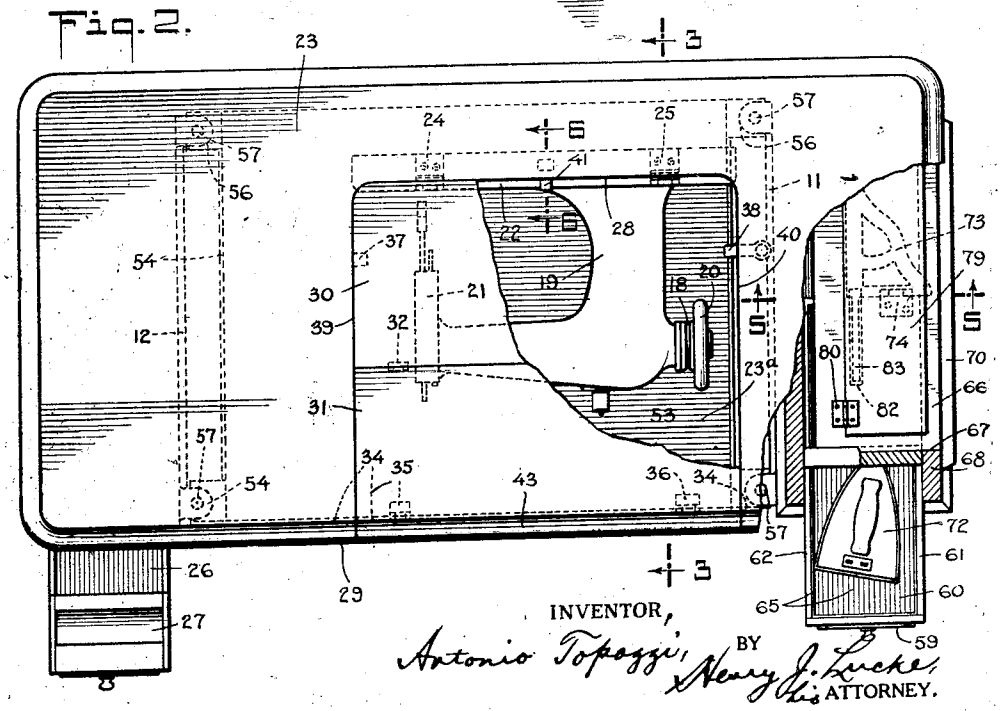


Fig. 2.



INVENTOR,
Antonio Topazzi,
BY
Henry J. Locke,
His ATTORNEY.

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Filed Nov. 6, 1924 2 Sheets-Sheet 2

Fig. 3.

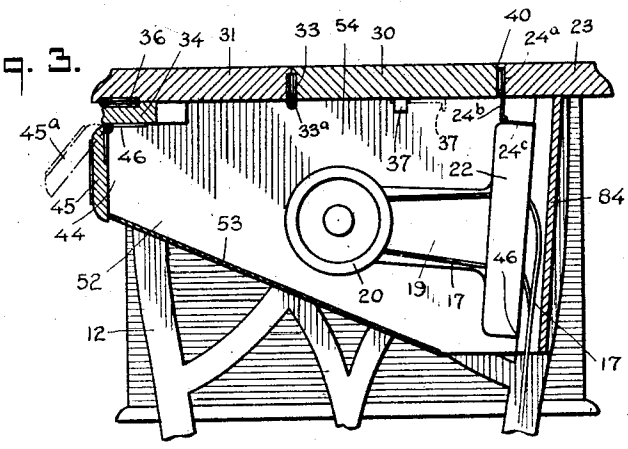


Fig. 7.

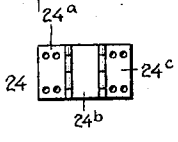


Fig. 4.

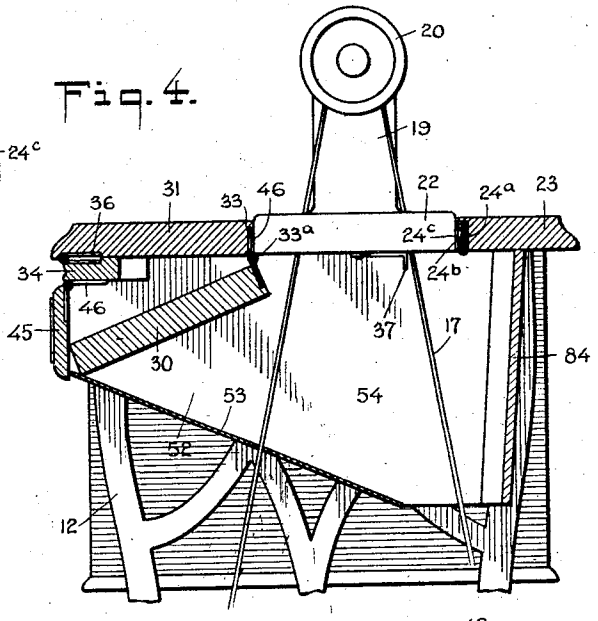


Fig. 5.

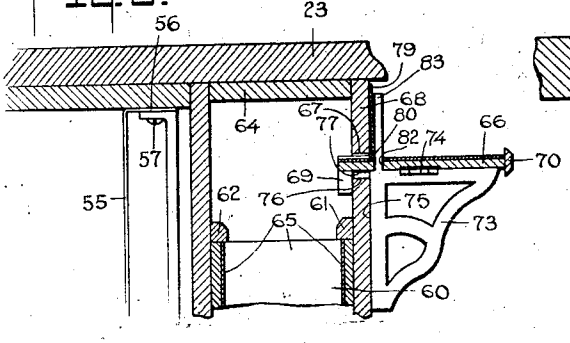
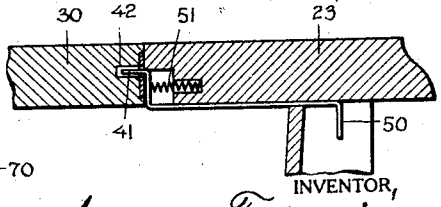


Fig. 6.



INVENTOR,
Antonio Topazzi,
BY
Henry J. Lucke,
ATTORNEY.

Patented Oct. 6, 1925. 1,556,378

UNITED STATES PATENT OFFICE.

ANTONIO TOPAZZI, OF STAPLETON, NEW YORK.

SEWING-MACHINE CABINET.

Application filed November 6, 1924. Serial No. 748,292.

To all whom it may concern:

Be it known that I, ANTONIO TOPAZZI, a subject of the King of Italy, residing at Stapleton, county of Richmond, Staten Island, State of New York, have invented certain new and useful Improvements in Sewing-Machine Cabinets, of which the following is a specification.

This invention relates to cabinets for sewing machines and the like.

A feature of the invention is the provision of an improved top for a cabinet for sewing machines and the like, constructed and arranged particularly as a support for ironing and like uses.

Pursuant to the most preferred form of my invention, the top of the sewing machine is provided with an opening, with closure means for such opening formed of two members relatively movable and preferably pivoted to one another and arranged when in closed position to have their top faces in substantially facial alignment with the remainder of the top, one of said closure members being pivotally mounted by hinges or the like to swing axially with respect to one lateral edge of the top of the cabinet, with stop and lock means for firmly holding and locking the two combined closure members when in closed position, whereby upon moving the closure members to open position, the head of the machine may be swung or otherwise raised to sewing position relative to the top of the cabinet, one of said hinged means being returned to horizontal position and serving to support the head of the machine when in raised position and suitable means provided adjacent the aforesaid lateral edge of the top of the cabinet for facilitating the raising of the closure members and for positioning of the same when in head-supporting position.

A further feature of the invention is the provision of a drawer for enclosing an electric or other iron when not in use combined with a slide support for the iron for resting the iron when ironing upon the combined top and closure members as an ironing support.

A preferred form of my iron-enclosing drawer and rest support for the iron comprises a drawer having a high frontal board and the drawer proper of reduced height, usually of a height less than the height of the handle of the iron when placed in the drawer proper and a rest in the form of a slide mounted in an opening at one end of the cabinet adjacent the iron-enclosing drawer which slide when pulled out is conveniently located as a rest for the iron and when pushed into its concealed position is disposed above the reduced sides of the drawer proper.

Further features and objects of the invention will be more fully understood from the following detail description and the accompanying drawings, in which

Fig. 1 is a perspective view of a sewing machine cabinet embodying my invention, this view shows the closure members in their closed position and concealing the sewing machine head;

Fig. 2 is a top plan view of Fig. 1, on a somewhat enlarged scale, and showing portions of the top of the sewing machine cabinet broken away to expose otherwise hidden parts;

Fig. 3 is a sectional elevation on line 3—3 of Fig. 2;

Fig. 4 is a central vertical sectional elevation of Fig. 1, on a somewhat enlarged scale, showing the machine head in its raised position and one closure member swung to its lowered position;

Fig. 5 is a detail sectional elevation on line 5—5 of Fig. 2;

Fig. 6 is a detail sectional elevation on line 6—6 of Fig. 2; and

Fig. 7 is a plan view of a detail.

Referring to the drawings, the sewing machine cabinet is indicated generally at 10. The sewing machine proper is illustrated of conventional form, and usually includes the opposite vertical frames or legs 11, 12, braced to one another by the cross frame 13; the pedal plate is indicated at 14, and is connected by the pitman 15 to a suitable crank arm (not shown) on the grooved wheel 16 in the grooved periphery of which passes the driving belt 17 extending also about the pulley 18, (see Fig. 2) on the shaft of the sewing machine head 19. The hand wheel is indicated at 20 and the casing of the needle actuating mechanism at 21.

Pursuant to my invention, the base 22 of the machine head is suitably pivoted to the top 23 of the sewing machine cabinet, as by means of the spaced hinges 24, 25.

The drawer 26 at one side of the cabinet, see Figs. 1 and 2, is constructed to accom-

modate the tools of the sewing machine and the like and may embody a special pocket 27 for needles and the like.

The top 23 of the cabinet is provided with an opening 23ª of substantially rectangular or similar outline, extending from the inner edge 28 of the opening to the lateral edge 29 of one side of the top 23. It will be noted that the hinges 24 25, of the base 22 of the sewing machine head 19, are located adjacent the inner edge 28 of the opening 23ª.

The closure members 30, 31 are pivotally connected to one another, see Figs. 2, 3 and 4, as by means of the spaced hinges 32, 33. The outer closure member 31 is suitably pivoted to the bar 34, as by means of the spaced hinges 35, 36. The bar 34 is disposed below the top 23. The pivot lugs 37, 38, preferably disposed oppositely and respectively at the lateral sides 39, 40 of the opening 23ª in the top 23, serve when moved to their outer positions to support the closure member 30 when in its closed position and when swung inwardly, are removed beyond the contour of the opening 23ª in the top 23. The spring bolt lock 41 coacts with a suitable keeper or other opening 42 at the inner edge of the inner closure member 30 for locking the closure member 30 and therewith the closure member 31 when in closed position.

The outer edge 43 of the outer closure member 31 is preferably beveled or otherwise finished in correspondence to the bevel or other finish of the lateral edge 29 of the top proper 23.

Below the outer edge 43 of the outer closure member 31, I arrange the opening 44, see Figs. 3 and 4, preferably provided with the closure flap 45, hinged by the spaced hinges 46 to the under face of the bar 34, to afford swinging upwardly of the closure flap 45 as is indicated at 45ª in Fig. 3, and to permit one hand of the user to be placed under the closure members 30, 31 to push the closure members 30, 31 upwardly when it is desired to raise the sewing machine head 19 to its operative position, as shown in Fig. 4. By such movement, the sewing machine head is swung upwardly with the other hand of the user to raise the outer edge 46 of the base 22 of the sewing machine head 19 above the plane of the top proper 23, whereupon the inner closure member 30 having been swung upwardly through the opening 23ª and thence downwardly under the outer closure member 31, the outer closure member 31 is then lowered to its horizontal position, namely by engagement with the bar 34 and the sewing machine head 19 and its base 22 then swung downwardly until the outer edge 46 of the base 22 encounters the eyes 33ª of the hinges 33, and correspondingly the eyes of the hinge 32, and the base 22 is thereby supported at its lateral edge 46.

To effect such coaction between the base 22 and the movable closure members 30, 31, I preferably form the hinges 24, 25, pivotally supporting the inward edge of the base 22, each of double hinge construction, namely comprising three plates serially hinged to one another; as is illustrated in Fig. 7 the hinge 24 comprises the end hinge plate 24ª, the intermediate hinge plate 24ᵇ and the opposite end hinge plate 24ᶜ.

The lock lock bolt 41 may be of any suitable construction, but I prefer the same to include a releasing member 50, see Fig. 6, extending on the under side of the top 23 toward and adjacent one edge of the top 23, to facilitate access. The spring of the bolt is indicated at 51.

I prefer to enclose the space 52 for concealing the sewing machine head 19 when in its lowered position, within the casing 53 of formed sheet metal, shaped slopingly downwardly from the point to the rear, see Fig. 1, and turned upwardly at its ends 54, 55, see Figs. 3 and 5, and having the eye-extensions 56 for receiving fastening bolts 57, see Fig. 2.

The iron-receiving drawer 58 may conveniently be located at the righthand end of the cabinet.

The head or front board 59 of the iron-receiving drawer 60 extends the full height of the opening of the cabinet, whereas the lateral sides 61, 62, see Fig. 1, or at least the outer lateral side 61 of the drawer proper 60, are of height materially less than the height of the front board 59 to thereby provide a free and clear space 63 within the cabinet opening above the top of the lateral sides 61, 62, of the drawer 60 and under the top board 64 of the opening in the cabinet. The sides 61, 62, the frontal board 59 and rear board of the drawer 60 may be of wood, preferably lined with sheet metal, 65, see Figs. 2 and 5.

The back board 84 of the enclosure for the concealed sewing machine head 19 is preferably of wood to conform to the wood of the cabinet.

The strip of board 34 attains rigidity of the portion of the top 23 opposite the opening 23ª, and serves also as a support for the outer closure member 31 when in closed position and also when the sewing machine head 19 is supported in its raised position. The outer closure member 31, it will be noted serves as a support for the cloth or other material sewed when the sewing machine is in use.

Whereas I have described my invention by reference to specific forms thereof, it will be understood that many changes and modifications may be made without departing from the spirit of the invention.

I claim:—

1. In a sewing machine cabinet, the combination of a top provided with an opening to permit the raising of the head of the sewing machine therethrough, closure means for said opening comprising a plurality of closure members arranged in substantially facial alignment when the closure means is in its closed position and pivotal means connecting said closure members to one another and serving to support the sewing machine head when the closure means is in its open position.

2. In a sewing machine cabinet, the combination of a top provided with an opening to permit the raising of the head of the sewing machine therethrough, closure means for said opening comprising a pair of closure members arranged in substantially facial alignment when the closure means is in its closed position and hinge means connecting said closure members to one another and serving to support the sewing machine head when the closure means is in its open position.

3. In a sewing machine cabinet, the combination of a top provided with an opening to permit the raising of the head of the sewing machine therethrough, closure means for said opening comprising a plurality of closure members arranged in substantially facial alignment when the closure means is in its closed position, means for pivoting said closure members to said top of the cabinets and pivotal means connecting said closure members to one another and serving to support the sewing machine head when the closure means is in its open position.

4. In a sewing machine cabinet, the combination of a top provided with an opening to permit the raising of the head of the sewing machine, closure means for said opening comprising a pair of closure members arranged in substantially facial alignment when the closure means is in its closed position, means for pivoting said closure members to said top of the cabinets and hinge means connecting said closure members to one another and serving to support the sewing machine head when the closure means is in its open position.

5. In a sewing machine cabinet, the combination of a top provided with an opening to permit the raising of the head of the sewing machine therethrough, closure means for said opening comprising a plurality of closure members, means for holding said plurality of closure members in substantially facial alignment with one another when said closure means is in its closed position, pivotal means connecting said plurality of closure members to one another, certain of said plurality of closure members being concealed within said opening when the sewing machine head has been raised through said opening and the other of said plurality of closure members serving to hold the sewing machine head in its raised position.

6. In a sewing machine cabinet, the combination of a top provided with an opening to permit the raising of the head of the sewing machine therethrough, closure means for said opening comprising a plurality of closure members, means for holding said plurality of closure members in substantially facial alignment with the top proper of the cabinet, pivotal means connecting said plurality of closure members to one another, certain of said plurality of closure members being concealed within said opening when the sewing machine head has been raised through said opening and the other of said plurality of closure members serving to hold the sewing machine head in its raised position.

7. In a sewing machine cabinet, the combination of a top provided with an opening to permit the raising of the head of the sewing machine therethrough, closure means for said opening comprising a plurality of closure members, means for holding said plurality of closure members in substantially facial alignment with one another when said closure means is in its closed position, pivotal means connecting said plurality of closure members to one another and to the top proper of the cabinet, certain of said plurality of closure members being concealed within said opening when the sewing machine head has been raised through said opening and the other of said plurality of closure members serving to hold the sewing machine head in its raised position.

8. In a sewing machine cabinet, the combination of a top provided with an opening to permit the raising of the head of the sewing machine therethrough, closure means for said opening comprising a plurality of closure members, means for holding said plurality of closure members in substantially facial alignment with one another when said closure means is in its closed position, pivotal means connecting said plurality of closure members to one another, certain of said plurality of closure members being concealed within said opening when the sewing machine head has been raised through said opening and the other of said plurality of closure members serving to hold the sewing machine head in its raised position, means for holding the other of said plurality of closure members in substantially facial alignment with the top proper of the cabinet when said certain closure members are in their concealed position.

9. In a sewing machine cabinet, the combination of a top provided with an opening to permit the raising of the head of the sewing machine therethrough, closure means for said opening comprising a plurality of

closure members, means for holding said plurality of closure members in substantially facial alignment with one another when said closure means is in its closed position, pivotal means connecting said plurality of closure members to one another, certain of said plurality of closure members being concealed within said opening when the sewing machine head has been raised through said opening and the other of said plurality of closure members being disposed in substantially facial alignment with the top proper to serve to hold the sewing machine head in its raised position.

In testimony whereof I have signed this specification this 5th day of November, 1924.

ANTONIO TOPAZZI.