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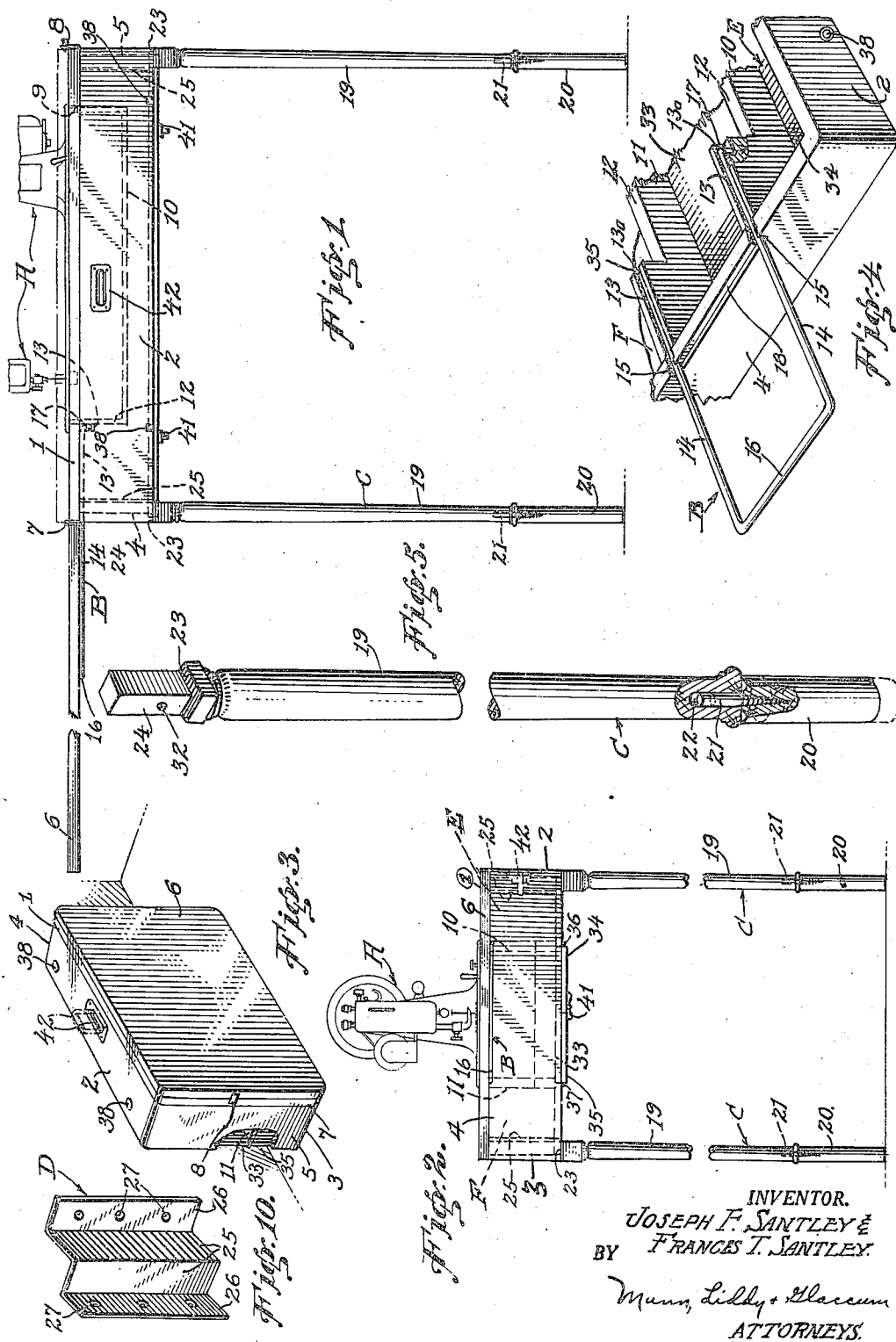
J. F. SANTLEY ET AL.

2,483,106

PACK-AWAY TABLE FOR PORTABLE SEWING MACHINES

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2 Sheets-Sheet 1



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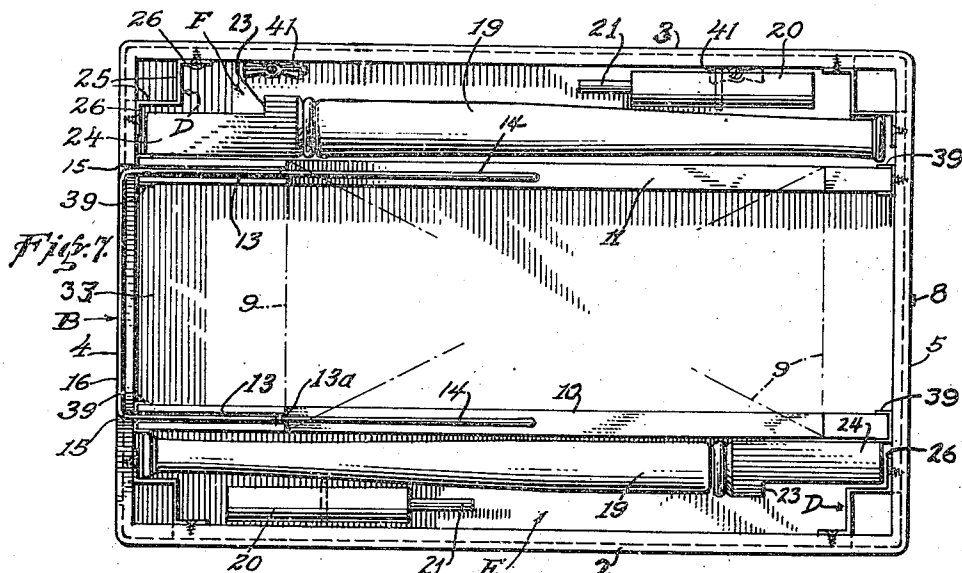
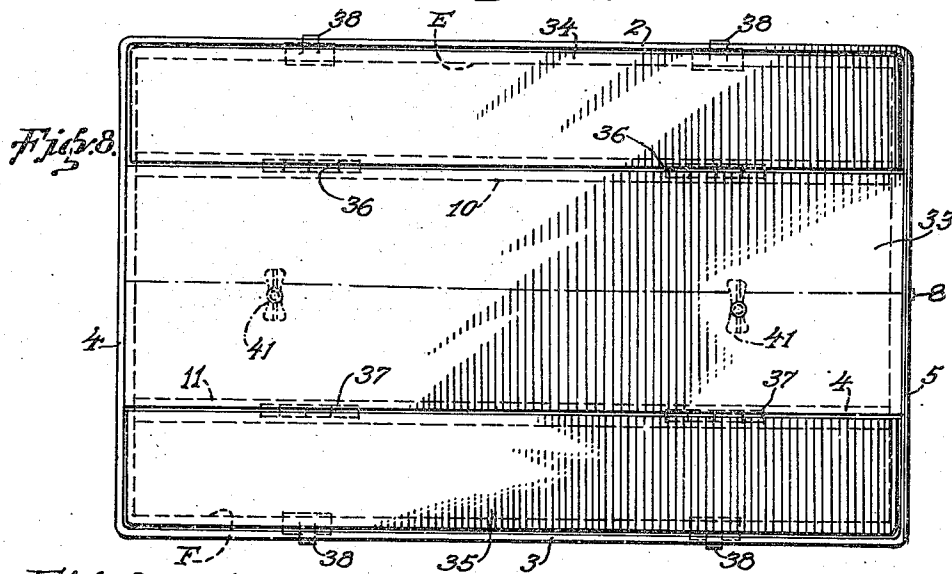
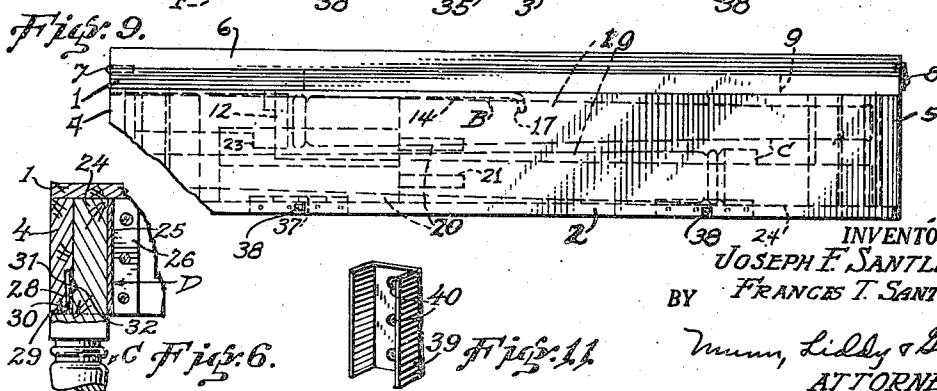
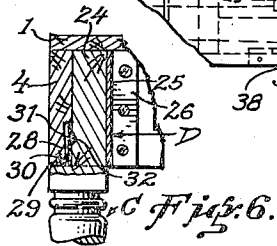
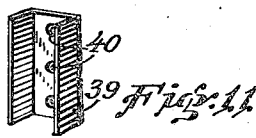
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PACK-AWAY TABLE FOR PORTABLE SEWING MACHINES

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2 Sheets-Sheet 2



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PACK-AWAY TABLE FOR PORTABLE
SEWING MACHINESJoseph F. Santley and Frances T. Santley,
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3 Claims. (Cl. 311-14)

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An object of our invention is to provide a portable sewing machine table that may have the legs placed within the interior of the table and the top, bottom and sides of the table closed so that the folded table resembles a piece of luggage that may be readily carried.

A further object of our invention is to provide a device of the type described in which novel bracing means is used for rigidly securing the table legs to the corners of the table when the table is opened up for use. The work leaf that closes the table top when the table is folded may be swung into open position and will lie in the same plane as the table top. We provide a novel support for the work leaf when it is in open position. The table is of proper work height and provides sufficient work area.

A still further object of our invention is to provide a device of the type described which resembles a cabinet-type sewing machine table when the legs are secured in operative position. The legs are made in two sections so that they may be packed into the interior of the table when not in use and this permits the length of the table to be made shorter while at the same time the table top will have the desired height for sewing purposes when in use. The table is designed to be opened or closed readily and space is provided within the interior when the table is folded for carrying articles such as cloth, scissors, thread and other necessary sewing supplies.

The table is simple in construction and is durable and efficient for the purpose intended. The table makes it possible for the owner to have a portable sewing machine table with all the advantages of the heavy permanent furniture type machine without sacrificing appearance or beauty.

Other objects and advantages will appear in the following specification, and the novel features of the device will be particularly pointed out in the appended claims.

Our invention is illustrated in the accompanying drawings forming a part of this application, in which:

Figure 1 is a front elevation of the table shown in operative position;

Figure 2 is an end elevation of the table;

Figure 3 is a perspective view of the table when in folded position ready for carrying;

Figure 4 is a perspective view of a portion of the table with the top removed and the leaf-supporting bracket extended;

Figure 5 is a perspective view of one of the table legs illustrating how the two leg sections are connected together;

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Figure 6 is a vertical section through the table leg and apron and illustrates the spring means for securing the leg in place;

Figure 7 is a top plan view of the table with the table top removed so that the packed leg sections can be viewed;

Figure 8 is a bottom plan view of the table with the bottom closure in place and side flaps in closed position;

Figure 9 is a side elevation of the table shown completely folded;

Figure 10 is a perspective view of the table leg bracket; and

Figure 11 is a perspective view of the partition supporting channel.

While we have shown only the preferred form of our invention, it should be understood that various changes or modifications may be made within the scope of the appended claims without departing from the spirit and scope of the invention.

In carrying out our invention, we provide a table that is composed of a top 1, side aprons 2 and 3, and end aprons 4 and 5. The corners formed by the junctures of the adjacent aprons are rounded slightly so that when the table is folded it will resemble a piece of hand luggage. A work leaf 6 is hinged to the table top 1 at 7 and it is of the same size as the table top so that it may be swung into closed position to overlie the top. The free end of the leaf is secured to the adjacent end of the table top by a catch 8 or other suitable fastening means. Figure 7 illustrates the top 1 of the table top as having an opening 9 for receiving a portable sewing machine indicated generally at A in Figures 1 and 2.

On each side of the opening 9, we provide partitions 10 and 11 and these partitions extend throughout the length of the table and have a depth equal to the depth of the aprons. Channel-shaped brackets 39 secure the partitions in place. Figure 1 indicates how the partitions 10 and 11 have a recess 12 for receiving the base of the portable sewing machine.

Referring to Figure 4, it will be noted that the partitions 10 and 11 have grooves 13 in their upper edges for receiving the parallel sides 14 of a U-shaped leaf-supporting bracket indicated generally at B. This bracket is made of wire having a gage heavy enough to support the work leaf when the latter is in open position. The grooves 13 communicate with recesses 15 provided in the end apron 4. The transverse or U-portion 16 of the leaf supporting bracket

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lies in the same plane as the sides 14. The ends of the sides 14 are turned downwardly at 17 and are received in groove extensions 13a of the grooves 13. The ends 17 act as stops for limiting the outward movement of the leaf supporting bracket. The end apron 4 is provided with a groove 18 that communicates with the recesses 15 and the groove 18 receives the transverse portion 16 when the leaf supporting bracket is moved into inoperative or closed position.

We will now describe how the legs C are removably secured to the table for supporting it when the table is used for sewing or the like. Figure 5 illustrates one of the legs and the leg has an upper section 19 and a removable lower section 20. Any desired means for securing the two sections together may be used. We have shown the lower section 20 provided with an integral shank 21 that is aligned with the longitudinal axis of the lower section. The shank 21 is received in a central bore 22 provided in the lower end of the upper leg section. The shank is frictionally held in place by the wall of the bore 22 so that it forms a part of the leg so long as the two sections are secured together.

The top of the section 19 is provided with an L-shaped shoulder 23 and a square shank 24 integral with the section 19 extends above the shoulder 23 and is offset with respect to the longitudinal axis of the leg.

In Figure 10 we show a metal leg-holding bracket D that has two sides 25 and two end flanges 26. Two or more openings 27 may be provided in the flanges for receiving screws that have conical-shaped heads. In Figure 7 we show the metal brackets secured in place at the four corners of the table. The shanks 24 of the table legs are received in the sockets formed by the metal brackets and the adjacent sides of the aprons. The L-shaped shoulders 23 will contact with the undersides of the aprons so as to hold the legs against upward movement with respect to the table proper.

In Figure 6, we show how the leg C may be secured to the apron against accidental removal. The shank 24 is received between the side 25 of the bracket D and the table apron 4. A spring clip 28 has its base portion 29 secured to the underside of the apron 4 by a screw 30. The upstanding portion of the clip has a projection 31 that is adapted to enter a recess 32 formed in the adjacent wall of the shank 24. The spring clip will prevent accidental removal of the leg, but will yield sufficiently to permit the leg to be manually removed from the bracket. Each table leg is secured in place by a separate spring clip 28.

In Figure 7, we show two table legs placed in each compartment E and F. The compartment E is provided between the partition 10 and the side apron 2, and the compartment F between partition 11 and side apron 3 (see Figures 2, 4 and 7). The lower leg sections 20 are shown disconnected from the upper sections 19. In Figure 9, we show how two legs are housed in each compartment.

In Figure 8 the bottom of the table is shown closed by a central bottom member 33 that extends between the end aprons 4 and 5 and between the partitions 10 and 11. The bottom edges of the aprons 2, 3, 4 and 5 are grooved for receiving the ends of the central member 33 and the edges of side flaps 34 and 35. The side flap 34 is hinged to the central member 33 at 36, while the side flap 35 is hinged to the central member

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at 37. The flap 34 closes the bottom of the compartment E when the table is collapsed and the flap 35 covers the bottom of the compartment F. Luggage-type locks indicated generally at 38 may be used for securing the flaps in closed position.

It should be noted in Figure 7 that the ends of the partitions 10 and 11 are received in the channel-shaped brackets 39 and these brackets are secured to the end aprons 4 and 5 by screws or other suitable fastening means. A perspective view of one of the brackets is shown in Figure 11 and this bracket has openings 40 in its web for receiving the screws.

From the foregoing description of the various parts of the device, the operation thereof may be readily understood.

The table when in operative position has its legs C supporting the table in the manner already described. The work leaf 6 may be swung into open position and it can be supported by the leaf-supporting bracket B. When it is desired to collapse the table, the leaf 6 is first swung over the upper surface of the top 1 and is secured in closed position by the catch 8. The legs C are now removed and the lower sections 20 are disconnected from the upper sections 19. The legs are housed in the compartments E and F in the manner shown in Figures 7 and 9, and the side flaps close the compartments.

When the table is to be used, the bottom side flaps 34 and 35 are swung over the under surface of the central bottom member 33 and are secured in open position by catches 41, or other suitable fastening means (see Figure 2). The apron side 2 is provided with a commercial flush-type handle 42 shown in Figure 1, and this handle may be extended for carrying the table in much the same manner as a suitcase, or other piece of hand luggage. The table is purposely designed to be simple and compact in construction so that it can be readily carried. At the same time when the table is open and the work leaf 6 is swung into open position, the table top and leaf will give ample room for sewing purposes. When the table is collapsed the central portion between the partitions 10 and 11 may be used for storing sewing equipment or any other desired article. The opening 9 in the table top 1 gives access to the compartment.

The corner brackets D give rigidity and stability to the legs when the table is set up. The legs are readily insertable into the brackets or removed therefrom. The table legs have extensions and this permits the table to be made in a convenient small hand-luggage carrying size since the extensions can be removed from the legs and the reduced leg lengths be placed in the table top interior. The smaller size table adapts it, when the leg extensions are removed, to be used as a cocktail or coffee table, a bedside table or in fact any place where a low occasional table would be used.

The U-shaped extensible metal brace B provides a novel means for supporting the work leaf in open position. The grooves and the table top give a sturdy support for the brace without any mechanical devices being necessary. The cut out portions in the longitudinal partitions and the opening 9 in the top 1 adapts the table to support the several sizes of portable sewing machines. By merely lowering the portable sewing machine into the table top opening when the table is set up, gives the full equivalent to the regular cabinet type sewing machine. The table top and open work leaf provide adequate work area on

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a level with the sewing machine foot. This is of prime importance in any household sewing machine. The mere removal of the sewing machine and a closing of the work leaf provides an attractive table that can have numerous uses.

We claim:

1. A pack-away table for portable sewing machine comprising a rectangular top having an opening therein for receiving the base of a portable sewing machine, two side and two end aprons secured to the sides and ends, respectively, of the top and extending at right angles thereto, a pair of partitions paralleling the side aprons and being spaced therefrom and from each other, a bottom closure extending between the partitions and the end aprons to form a central compartment with access thereto through the top opening, hinged side members for closing the side compartments formed by the partitions and the side aprons, legs for supporting the table, means disposed within the side compartments for removably supporting the legs in operative position when the side members are opened and expose the means, the side members when opened abutting the bottom closure, means for securing the side members in open position, the legs when removed from the leg supporting means being receivable in the side compartments.

2. A pack-away table for portable sewing machine comprising a rectangular top having an opening therein for receiving the base of a portable sewing machine, two side and two end aprons secured to the sides and ends, respectively, of the top, a pair of partitions paralleling the side aprons and being spaced therefrom and from each other, a bottom closure extending between the partitions and the end aprons to form a central compartment with access thereto through the top opening, hinged side members for closing the side compartments formed by the partitions and the side aprons, legs for supporting the table, means disposed within the side compartments for removably supporting the legs in operative position when the side members are opened and expose the means, the legs when removed from the leg supporting means being receivable in the side compartments.

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3. A pack-away table for portable sewing machine comprising a rectangular top having an opening therein for receiving the base of a portable sewing machine, two side and two end aprons secured to the sides and ends, respectively, of the top, a pair of reinforcing partitions paralleling the side aprons and being spaced therefrom and from each other, the reinforcing partitions being disposed underneath the sewing machine and having recesses therein to receive the bases of various sizes of sewing machines, a bottom closure extending between the partitions and the end aprons to form a central compartment with access thereto through the top opening, hinged side members for closing the side compartments formed by the partitions and side aprons, legs for supporting the table, and means disposed within the side compartments for removably supporting the legs in operative position when the side members are opened for exposing the leg-supporting means.

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