

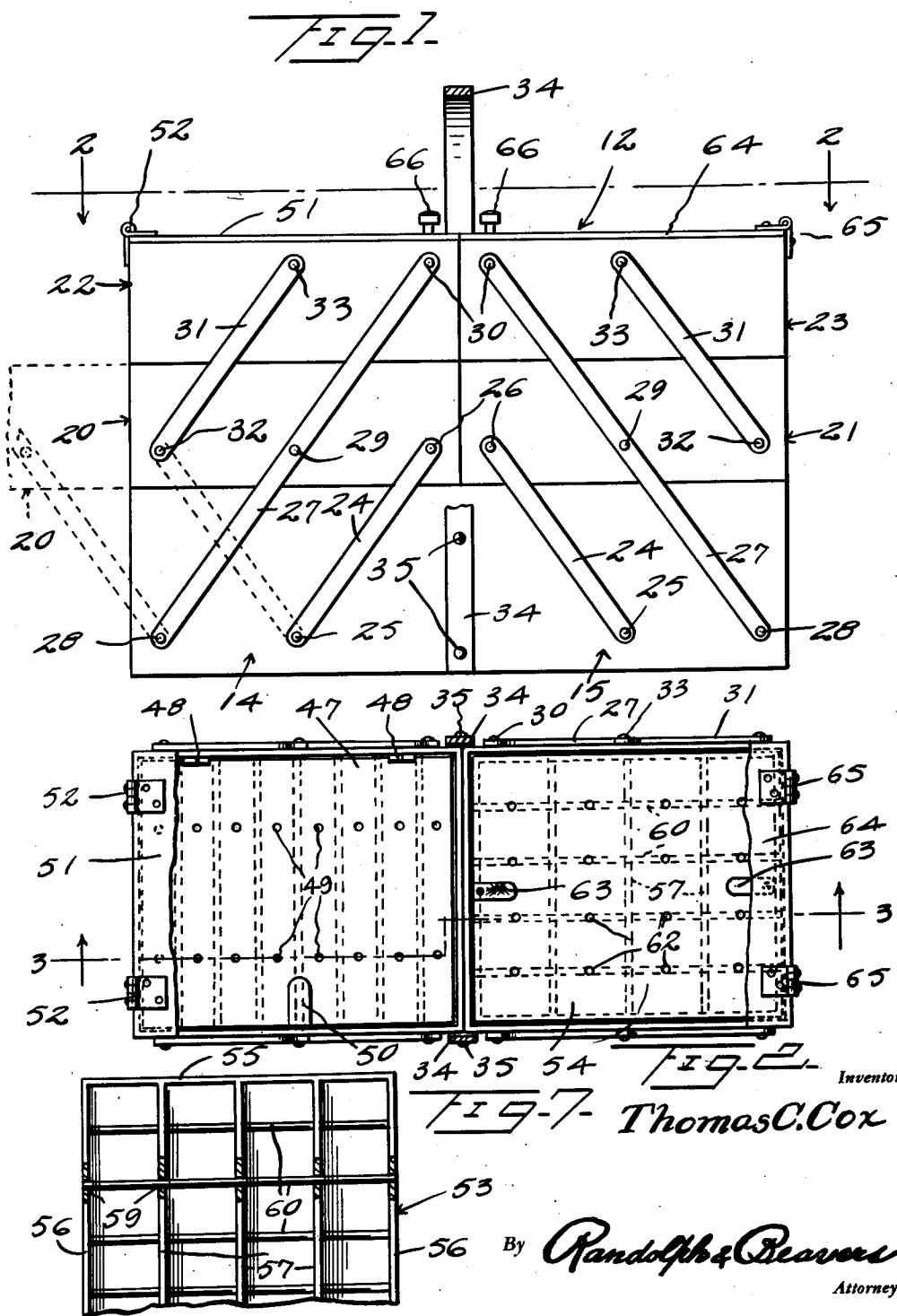
June 3, 1952

T. C. COX
SEWING BOX

2,598,976

Filed Jan. 16, 1948

3 Sheets-Sheet 1



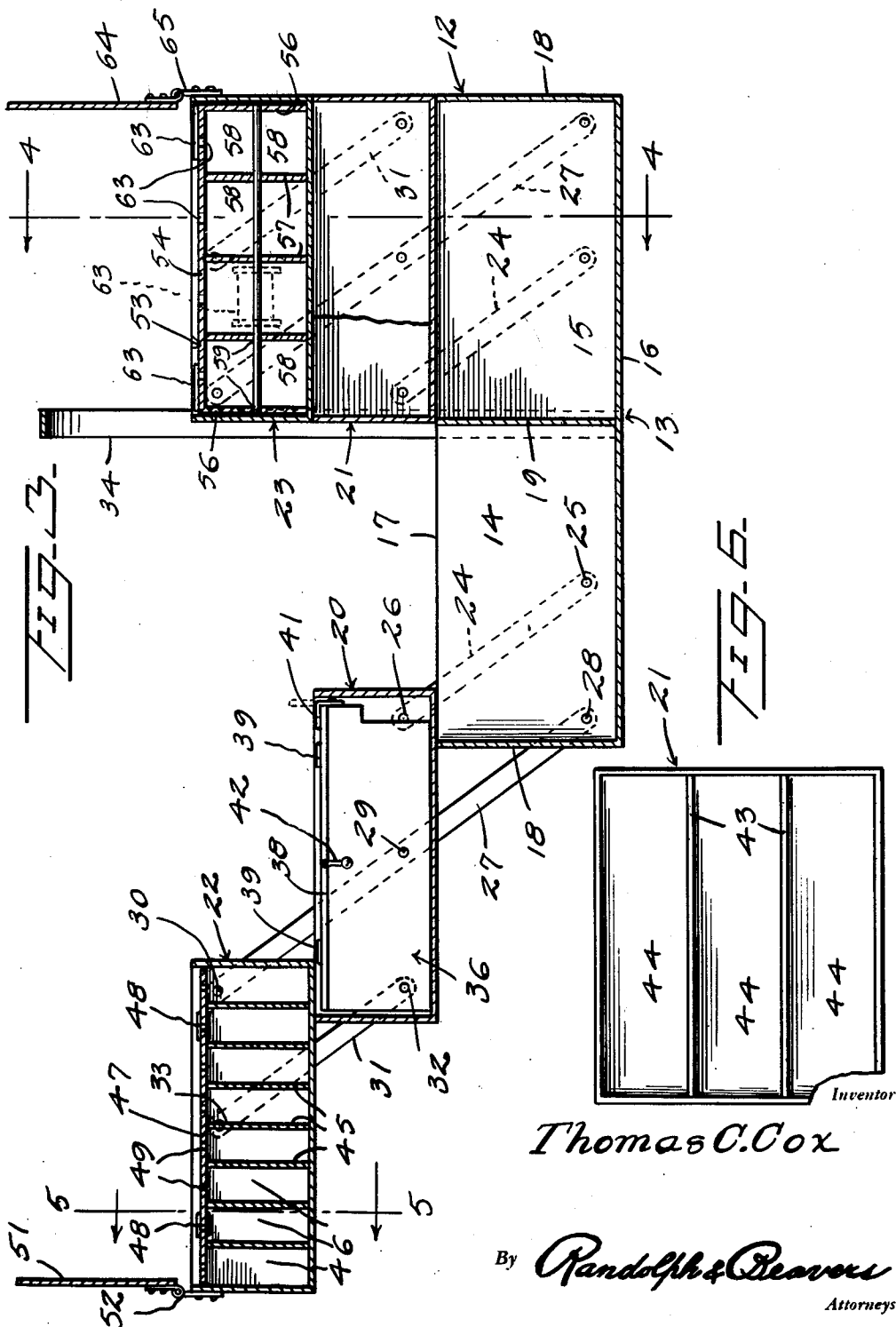
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3 Sheets-Sheet 2



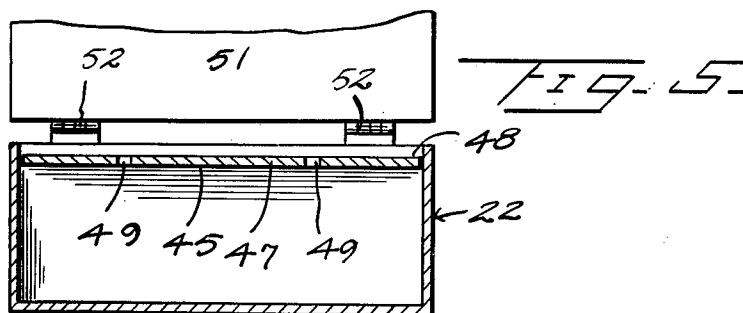
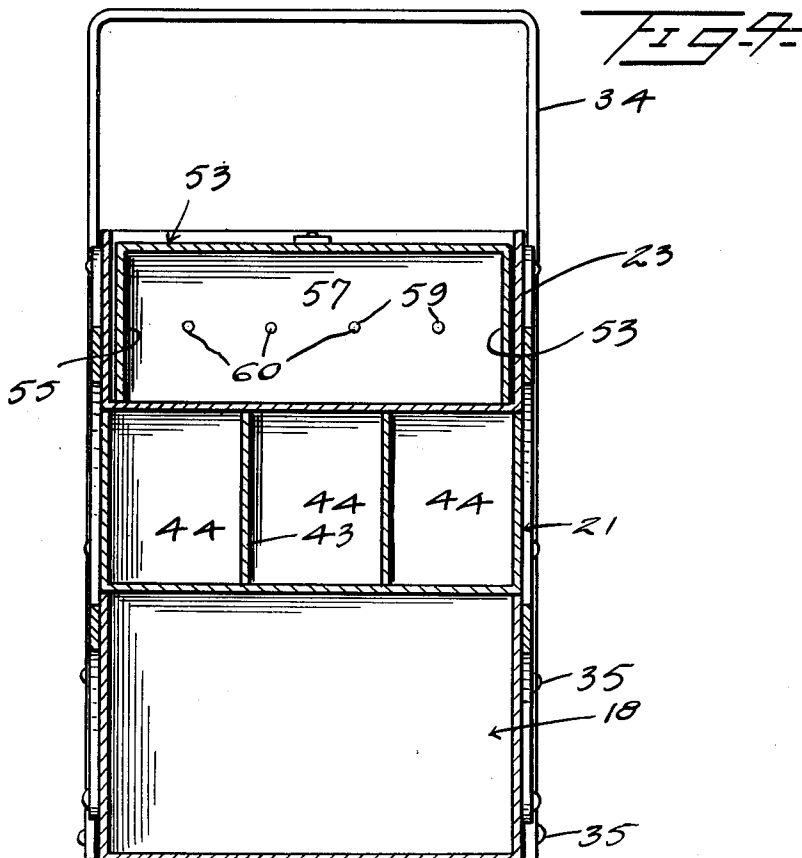
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SEWING BOX

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4 Claims. (Cl. 223—107)

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This invention relates to an improved construction of sewing box adapted to replace the conventional sewing basket or other container or box, such as those provided with drawers and which are used for holding thread, needles and other articles and implements used in sewing.

More particularly, it is a primary object of the present invention to provide a sewing box of a compact character composed of a plurality of sections connected in a manner to permit them to be readily extended to afford access to any of the sections of the box so that all the implements, tools and articles employed in sewing will be readily available to the user.

A further object of the invention is to provide a box for sewing in which the individual sections are provided with separate compartments or other means for effectively maintaining sewing implements and articles in a neat, orderly and readily available manner.

Still a further aim of the invention is to provide a box which may be readily opened for exposing substantially the entire contents thereof and which may be quickly and easily closed without disrupting or disturbing the contents of any section of the box.

Various other objects and advantages of the invention will hereinafter become more fully apparent from the following description of the drawings, illustrating a presently preferred embodiment thereof, and wherein:

Figure 1 is a side elevational view showing the box in a closed position;

Figure 2 is a horizontal sectional view taken substantially along a plane as indicated by the line 2—2 of Figure 1 and showing portions of the cover members broken away;

Figure 3 is a longitudinal sectional view of the box on an enlarged scale taken substantially along a plane as indicated by the line 3—3 of Figure 2 and showing one half of the box in an extended, open position;

Figure 4 is a transverse vertical sectional view taken substantially along a plane as indicated by the line 4—4 of Figure 3;

Figure 5 is a transverse vertical sectional view taken substantially along a plane as indicated by the line 5—5 of Figure 3;

Figure 6 is a top plan view of one of the intermediate sections of the box, and

Figure 7 is a top plan view, partly in section and partly broken away showing an insert of one of the top sections of the box and in an inverted position.

Referring more specifically to the drawings, a

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novel sewing box in its entirety which comprises the invention is designated generally 12 and includes a bottom portion, designated generally 13 composed of corresponding sections 14 and 15 having a common bottom 16, common side walls 17 and individual end walls 18. The sections 14 and 15 are separated by a transverse partition 19 located intermediate of said end walls 18 and parallel thereto.

The box 12 also includes two intermediate sections 20 and 21 which are superimposed on the sections 14 and 15, respectively, when the box is in a closed position, and two top sections 22 and 23 which are superimposed on the sections 20 and 21, respectively, also when in closed position and so that said top sections form top walls or covers for the intermediate sections while the latter similarly function with respect to the bottom sections, over which they are disposed.

The intermediate section 20 is connected to the bottom section 14 by means of a link 24 which is pivotally connected at its lower end at 25 to the outer side of one of the side walls 14 and pivotally connected at its upper end at 26 to the outer side of the corresponding side wall of said section 20. One end of a link 27 is pivotally connected at its lower end at 28 to the aforementioned side wall 14 in longitudinally spaced relationship to the pivot point 25 and adjacent the end wall 18 of said bottom section 14 and said link is pivotally connected intermediate of its ends at 29 to the intermediate portion of the aforementioned side wall of the section 20 and in longitudinally spaced relationship to the pivot point 26. The upper end of the link 27 is pivotally connected at 30 to the corresponding side wall of the upper section 22. A link 31 is pivotally connected at 32 adjacent one end thereof to the aforementioned side wall of the section 20 and adjacent the outer end thereof and has its opposite end pivotally connected at 33 to the intermediate portion of the aforementioned side wall of the section 22. The sections 15, 21 and 23 are connected in the same manner by a corresponding set of links 24, 27 and 31 and the opposite side walls of the box sections are likewise connected in the same manner by sets of links 24, 27 and 31. A bail-like handle 34 is provided with relatively long ends or legs which are secured adjacent their terminals by fastenings 35 to the side walls 17 at the juncture of the base sections 14 and 15 and said legs of the bail or handle 34 extend upwardly therefrom in parallel relationship and so that the intermediate or grip portion of the handle is disposed substantially above the

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level of the top sections 22 and 23 and by not being attached thereto or to the intermediate sections 20 and 21, said intermediate and top sections may readily be swung on the links 24, 27 and 31 to and from extended and closed positions, as illustrated in Figure 3.

The two bottom compartments are adapted to be used for containing large sewing articles and implements such as scissors, tape measures and the like. The intermediate compartment 20 is adapted to contain buttons and other small articles.

The other middle compartment 21, as best illustrated in Figure 6, is provided with two longitudinally disposed equally spaced partitions 43 forming three separate compartments 44 each of which is adapted to contain a plurality of balls of crochet thread or which compartments may, if desired, be partially utilized for needles and other sewing implements.

The upper compartment 22 is provided with a plurality of transversely extending partitions 45 forming a plurality of upwardly opening chambers or compartments 46 normally closed by a false lid or cover 47 which is common to all of said chambers or compartments 46 and which is hinged along one longitudinal edge thereof as seen at 48 in Figure 5 to one of the side walls of the section 22 and beneath the open top thereof. Said false lid or cover 48 is provided with a plurality of openings 49, as best seen in Figure 2, two of which open into each of the compartments or chambers 46. A tab 50 is secured to the other longitudinal edge portion of the false lid 47 and extends inwardly thereof and normally rests thereon and is adapted to be manually engaged for swinging the false lid 47 to an open position on the hinges 48. A lid or cover 51 is hingedly connected at its outer end by hinges 52 to the outer end of the section 22 and is adapted to overlie the false lid 47 when in a closed position and may be swung upwardly and outwardly as illustrated in Figure 3, to enable the false lid 47 to be opened. The compartments 46 are adapted to contain skeins of thread or yarn which are applied thereto with the lids 47 and 51 in open positions and after which the ends of said skeins or yarns, not shown, are passed through the openings 49. The false lid 47 is then closed so that the ends of the skeins, extending through said openings 49, will lie upon the upper surface of the lid 47 and will be covered by the lid 51, when the latter is closed. With the lid 51 opened the thread or yarn from any one of the skeins may be readily withdrawn through the opening 49 through which the end thereof extends thus enabling the skeins to be maintained in a neat and orderly manner for permitting the thread or yarn to be removed therefrom without removal of the skeins from the compartment 46.

The other top compartment 23 contains an insert, designated generally 53 having a top wall 54, depending side walls 55 and depending end walls 56. The insert 53 is also provided with equally spaced depending partitions 57 which are disposed transversely thereof and which form a plurality of compartments 58. The partitions 57 and end walls 56 are provided with aligned openings 59 to detachably receive a plurality of rods 60 which extend longitudinally of said insert 53 and which are laterally spaced from one another, as best illustrated in Figure 4. Said rods 60 are removable when the insert 53 is removed from the section 23 so that said rods can be

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passed through spools of thread contained within said compartments 58, one of which is illustrated at 61 in Figure 3. It will thus be readily apparent that each of the rods 60 is adapted to support a spool 61 in each of the compartments 58 so that the four rods 60 will support a total of sixteen spools in the four compartments. As seen in Figure 2, the top wall 54 of the insert 53 is provided with a plurality of openings 62, corresponding in number to the number of spools 61 adapted to be contained within said insert and through which an end of the thread or yarn 63 therefrom is adapted to be extended upwardly through the complementary opening 62 and so as to be available above the top wall 54 to enable the user to withdraw any thread or yarn desired from the spool on which it is wound and through the opening 62 through which it extends. The top wall 54, adjacent each end thereof, is provided with a tab 64 by means of which the insert 53 may be manually lifted out of engagement with the box section 23. As clearly illustrated in Figure 3 the end walls of the section 23 will effectively function to retain the rods 60 properly positioned in the openings 59 and to prevent said rods from sliding longitudinally in the insert 53 while said insert is in its applied position. The section 23 is provided with a cover 64, corresponding to the cover 51 and connected to the outer end wall thereof by hinges 65 and which normally overlies the insert 53.

From the preceding description it will be readily apparent that the intermediate and top sections may be disposed in superimposed relationship as illustrated in Figure 1 or may be moved to extended positions, as illustrated in Figure 3 by means of the supporting linkage 24, 27 and 31 and when extended the bottom, intermediate and the top sections thereof will all be readily accessible to the user. To facilitate the extending of the sections and the opening of the lids 51 and 64, said lids, adjacent their inner ends, are provided with knobs 66.

In view of the preceding detailed description of the construction and operation of the sewing box 12 a further description thereof is considered unnecessary. Obviously, if desired, the box 12 could be used for other purposes than as a container for sewing articles and implements and various other modifications and changes are likewise contemplated and may obviously be resorted to, without departing from the spirit or scope of the invention as hereinafter defined by the appended claims.

I claim as my invention:

1. The combination with a sewing box having an open top, of an insert for the box including a top wall, depending side and end walls and a plurality of depending partitions forming a unit removably receivable in said box, said top wall having a plurality of apertures communicating with the compartments formed by the side and end walls and partitions, said end walls and partitions being provided with a plurality of aligned openings, and a plurality of rods extending through said aligned openings and each adapted to support a plurality of spools of thread, one within each of said compartments, said apertures being adapted to form passageways for the thread from said spools whereby the thread can be drawn off of the spools while the unit is applied to the box.

2. The combination with a sewing box having an open top, of an insert for the box including a top wall, depending side and end walls and a

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plurality of depending partitions forming a unit removably receivable in said box, said top wall having a plurality of apertures communicating with the compartments formed by the side and end walls and partitions, said end walls and partitions being provided with a plurality of aligned openings, and a plurality of rods extending through said aligned openings and each adapted to support a plurality of spools of thread, one within each of said compartments, said apertures being adapted to form passageways for the thread from said spools whereby the thread can be drawn off of the spools while the unit is applied to the box, certain of the box walls forming means for retaining the rods in applied positions when the unit is disposed in the box.

3. The combination with a sewing box having an open top, of an insert for the box including a top wall, depending side and end walls and a plurality of depending partitions forming a unit removably receivable in said box, said top wall having a plurality of apertures communicating with the compartments formed by the side and end walls and partitions, said end walls and partitions being provided with a plurality of aligned openings, and a plurality of rods extending through said aligned openings and each adapted to support a plurality of spools of thread, one within each of said compartments, said apertures being adapted to form passageways for the thread from said spools whereby the thread can be drawn off of the spools while the unit is applied to the box, and a hinged cover normally closing the open top of said box above said unit.

4. The combination with a sewing box having an open top, of an insert for the box including

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a top wall, depending side and end walls and a plurality of depending partitions forming a unit removably receivable in said box, said top wall having a plurality of apertures communicating with the compartments formed by the side and end walls and partitions, said end walls and partitions being provided with a plurality of aligned openings, and a plurality of rods extending through said aligned openings and each adapted to support a plurality of spools of thread, one within each of said compartments, said apertures being adapted to form passageways for the thread from said spools whereby the thread can be drawn off of the spools while the unit is applied to the box, and means for facilitating the removal of said unit from said box.

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