Dec. 31, 1940. W. S. BRUNO 2,226,693

SEWING CABINET

Filed March 1, 1938

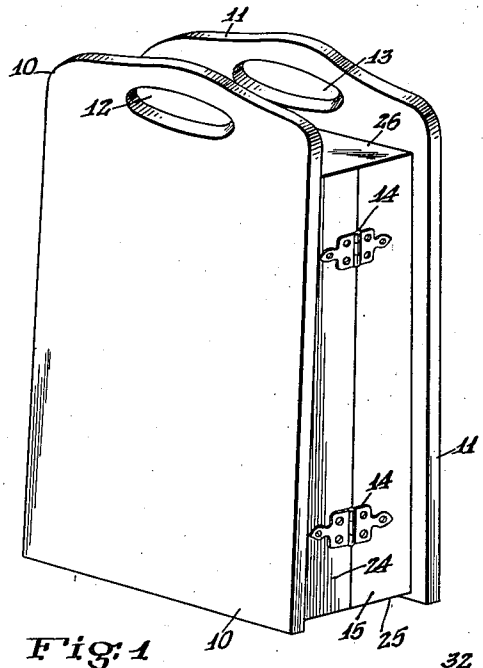


Fig. 1

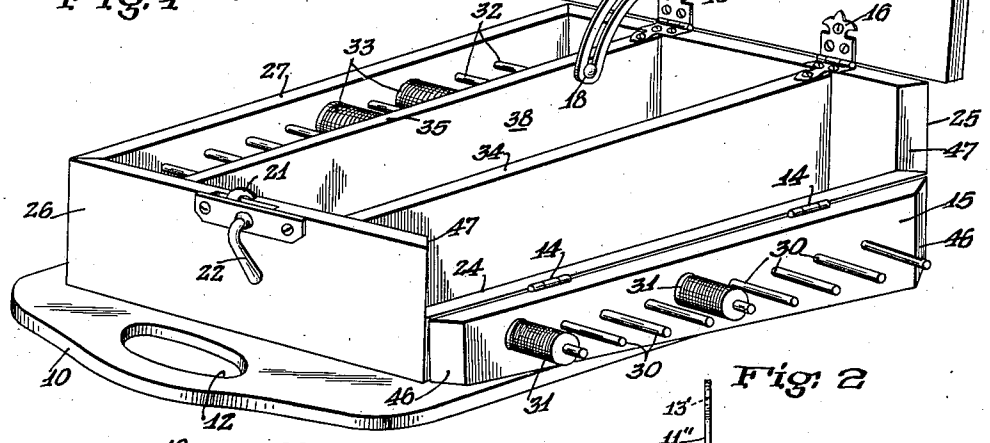


Fig. 2

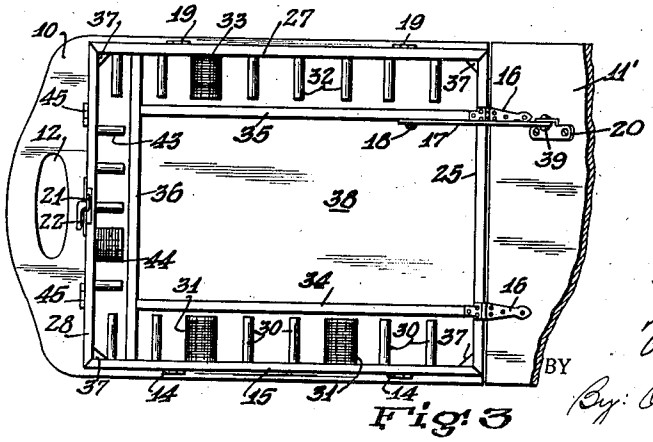


Fig. 3

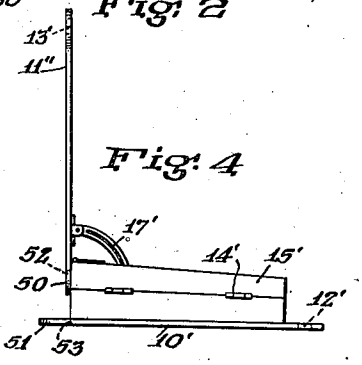


Fig. 4

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SEWING CABINET

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4 Claims. (Cl. 223—107)

My present invention relates to new and useful improvements in sewing cabinets.

In accordance with my present invention, I contemplate a sewing box or cabinet for storing miscellaneous items used in needle craft including a large number of spools of different types and colors of threads arranged in a convenient and readily visible manner. The novel sewing box of my present invention is readily portable and contains a tapered rigid construction which greatly increases the storage space of the unit. An important feature of my present invention resides in hinged spindle members for containing the spools of thread in a visible and readily accessible position. The hinged members are self-locking in position when the unit is in closed position. The advantages of my present invention reside both in the utility and convenience of arrangement of the respective parts as well as in the attractive appearance of the component features thereof, as will be evident in the more detailed description of my invention hereinafter.

Accordingly, it is an object of my invention to provide a novel, portable sewing cabinet.

Another object of my invention is to provide a sewing box suitable for holding a relatively large number of spools of thread in such manner that they will not become entangled, and be readily replaceable and usable.

Still another object of my invention is to provide such a sewing cabinet which is also suitable for holding other articles commonly used, in a compartment separate from the compartments for holding the spools of thread.

Still a further object of my invention is to provide a sewing cabinet in which the spool racks may be shifted to a position for complete accessibility when in use and returned to their respective normal carrying positions when so desired.

Another object is to provide a sewing box which is constructed with one side having mounted on it the thread and accessory compartments, and the other side forming the lid thereof, having on the inside provision for mounting a pin cushion.

Other objects of my invention will become more apparent in the following description taken in connection with the drawing, in which:

Figure 1 is a perspective view of a preferred embodiment of my novel invention.

Figure 2 is a perspective view of the same cabinet when opened in normal position for use, showing one spool rack hinged outward for accessibility.

Figure 3 is a plan view of a modified embodiment of my invention in opened position. Figure 4 is a further modification.

In Figure 1 I have shown a side 10 which, in this particular arrangement, forms the bottom of the cabinet, having at one end an aperture 12, adapted for carrying the cabinet by hand, and another side 11 having a like carrying aperture 13 in the corresponding end, said side 11 forming the cover or lid of said cabinet. In Figure 1 is also shown the end 25 which is relatively wide with respect to the opposite carrying end 26 and another side 24 being a fixed portion, with a movable portion 15. The movable portion is secured to fixed portion 24 by means of hinges 14.

For more clearly illustrating the principles of my invention, I have shown, in Figure 2, the cabinet in a position for use, with lid 11 thrown to the normal open position. The lid is movably secured to the end 25 by the hinges 16, and is adapted to be held in a convenient upright position by the sliding hinge member 17, which is fastened to the lid 11 by the bracket 20 with screws 29. The sliding hinge member 17 is held in pivotable relation to bracket 20 by pin 39. Member 17 is slidably fastened to the partition 35 by pin 18, which engages with a slot in member 17 provided therefor. When lid 11 is in a closed position, sliding member 17 folds down into the interior of the space between partitions 34 and 35, fitting close to the side of partition 35, so as to take up negligible room. Lid 11 is held in closed position by the latch 21 which engages with the hasp 23 on said lid 11, when handle 22, provided for the purpose, is turned.

As may be clearly seen in the illustration of Figure 2, side 10 forming the bottom or working tray of the cabinet, has securely fastened to its inside surface and perpendicular thereto, partitions 35 and 34, which are parallel to the sides 24 and 27. The partitions 34 and 35 have their narrowest width at the end 26 of the cabinet and have an increasingly greater width towards end 25. Their greatest width is the same as that of the end 25. By means of such tapered construction, I have provided a novel method for storing small objects. Articles may be kept in space 38, being accessible without any necessity for other trays for holding them. Larger objects may be kept toward the end 25 of the space 38, where the space is relatively deeper.

In order to more clearly illustrate a particular feature of my invention, I have shown hinged member 15 of side 24 in an open position. Member 15 is secured thereto by hinges 14 and has bevelled edges 46 for making a tight joint when

it is in the closed position shown in Figure 1. Arranged in a row parallel to and running the length of the cabinet from the end **25** to the other end **26** are wooden or other material pins **30**, adapted for holding spools of thread **31**. It is thus possible, when the spool rack, as the hinged part **15** will hereinafter be referred to, is in the open position as shown in Figure 2, to remove the individual spools from the pins when desired for unwinding the thread, or for replacing, without interference from the other spools on the adjacent pins. Moreover, provision for hinging the spool rack as shown provides at the same time for a clear and unobstructed view of all the spools, so that the color and size of thread desired may be selected under conditions conducive to good color comparison and without the usual trial and error method of finding the desired color or size of thread.

In order to provide an even larger capacity for spools of thread, I have provided another row of spool pins **32**, likewise extending perpendicular to a hinged part of side **27** similar to the hinged portion **15** of side **24**.

When lid **11** of the cabinet is in an open position, as shown in Figure 2, it may be found convenient by the needleworker to hang thereon a pin-cushion, which I have indicated at **40**, said pin-cushion being secured to the inner side of lid **11** by the hooks **41** and **42**. While I have shown a pin-cushion in the illustration of Figure 2, it will be evident to those skilled in the art, that any other device may be employed in place of the pin-cushion.

In Figure 3, I have illustrated another form which my invention may take. The principal feature of this arrangement is the additionally hinged end **28**, which is movably secured to the side **10** of the cabinet, by hinges **45**. Spool pins **43** are provided in a row on the inside surface of the hinged end **28**. The spool space of member **28** is separated from the other area of the cabinet by a partition **36**, perpendicular to the partitions **34** and **35**.

In order to increase the rigidity of the cabinet, I prefer to employ triangular strengthening blocks **37**. Blocks **37** are rigidly secured to the side **10** of the cabinet, and to the stationary portions of the sides **24**, **27**, **25** and **28** respectively. As in the cabinet illustrated in Figure 2, member **11'** of Figure 3, hinged to side **24** by hinges **16**, forms the cover or lid for the sewing cabinet when it is not in use or is carried, and is otherwise similar thereto. A storage space **38'** is provided between sides **34—35—36**.

The principles of my present invention lend themselves to the arrangement of a sewing box or cabinet which has particular display advantages. The vari-colored spools of thread arranged along the spindles or pins of the hinged side members present an attractive appearance when assembled. The regular arrangement of the spools and their obvious visibility to the user present an important feature of my present invention. Another important feature resides in the ready accessibility of the spools for use either when the spools are in the position illustrated in Figure 3 or when the side members are hinged and bent over as shown at **15** in Figure 2 whereby the individual spools may be removed for manual manipulation thereof. The intervening space **38** within the cabinet, formed by the side members **34**, **35** and **36** provides ample space for the articles to be sewn or the various implements to be used in needlework. The space beneath the spindles or pins **30**, **32** and **43** may be used for storing small items such as packages of needles, thimbles and the like.

Besides the important utility of an integral sewing cabinet with substantially all the items thereof in individual positions and with full observation, my novel invention provides a sturdily portable cabinet which is readily assembled and transported. The tapered arrangement of the cabinet permits a much greater storage capacity for equipment as compared to the prior art arrangements and yet is a rigid structure which may be readily carried.

It is to be understood that the features of my invention may be embodied in various ways. Thus, I may employ the hinged side members containing the pins for the spools of thread in any arrangement or manner in a sewing cabinet. It is also feasible, for example, to embody the disclosed sewing cabinet without a tapered section and having the hingeable members according to the principles I have hereinabove disclosed. The cabinet may be constructed as a flat unit without the tapering for a cheaper embodiment of my invention as will be understood by those skilled in the art.

Thus in Figure 4 I have shown a construction wherein only one side **15'** of the box is tapered, the bottom side adjacent base **10'** being straight, i. e., not tapered. The member **15'** is hinged on the hinges **14'** and contains the thread spool spindles similar to the hereinabove described modifications. An important feature of the modification in Figure 4 resides in the extension of the lid and base ends **50** and **51** respectively, particularly that of the lid at **50**. The extension **50** of lid **11'** constitutes a force absorbing feature so that when the lid is opened to the position shown, the end **50** presses against the back or rear end of the cabinet. Thus, any strain upon the hinges including member **17'** is absorbed, reducing any possibility of breakage at the hinges in use. Extensions **50** and **51** may preferably be in the form of cut-outs or legs as indicated by the dotted lines **52** and **53** and also present a pleasing appearance.

Accordingly, although I have described preferred forms for carrying out my invention, it is to be understood that modifications may be made therein as to various details and arrangements thereof without departing from the broader spirit and scope of my invention and I therefore do not intend to be limited except as set forth in the following claims.

I claim:

1. A rigid portable cabinet comprising a tapered body portion having a lid hinged thereto, said body portion being continuously tapered solely in one direction, the bottom portion of said cabinet and said lid having integral portions thereof protruding beyond the narrower end of the tapered portion of the cabinet, the protruding portions being arranged for simultaneous gripping with one hand, and a hingeable member forming part of a tapered side of said body portion arranged to be opened away from said body portion and containing supports for spools which are shiftable to the open position therewith.

2. A rigid portable cabinet comprising a tapered body portion having a lid hinged thereto and operable over the tapered portion, both the bottom portion of said cabinet and said lid having integral portions thereof protruding beyond

the narrowest section of the tapered body portion, the protruding portions being arranged for simultaneous gripping with one hand, a hingeable member forming part of a tapered side of said body portion arranged to be opened away from said body portion, and a plurality of pins secured to said hinged member for spacedly supporting individual accessory articles, whereby said articles are shifted to the open usable position when said member is opened away, and a partition arranged inside said cabinet adjacent to the position of the free ends of said pins when the member is in closed position to prevent dislodgement of said articles when the member is closed.

3. A sewing box including a body portion, two hinged members individually forming a part of two opposite sides of said body portion, said members containing a plurality of pins for individually mounting spools of thread thereon, said members being arranged to be rotated to hold the pins internally and externally of said box, and partitions secured in said body portion and arranged parallel to said hinged members forming a storage space within said body portion, said partitions being adjacent to the position of the free ends of said pins when the members are in closed position to prevent dislodgement of said spools when the members are closed.

4. A sewing box including a tapered body portion, a plurality of hinged members forming portions of two opposed sides of said body portion and containing a plurality of pins for individually mounting spools of thread thereon, partitions secured in said body portion and arranged parallel to said hinged members, adjacent to the position of the free ends of said pins when the members are in closed position to prevent dislodgement of said spools when the members are closed, said partitions forming a storage space within said body portion, a lid hingedly secured to said body portion to cover said storage space and arranged to extend beyond the narrower end of the tapered portion of the cabinet, the base of said body portion extending from the same side as said hinged lid, said extended portions being integral with the base and lid respectively and being arranged for simultaneous gripping with one hand for permitting manual carrying of the sewing box when closed.

WILLIAM S. BRUNO.