

June 20, 1950

S. HACK

2,512,101

COLLAPSIBLE BASKET

Filed Oct. 5, 1948

2 Sheets-Sheet 1

Fig. 1.

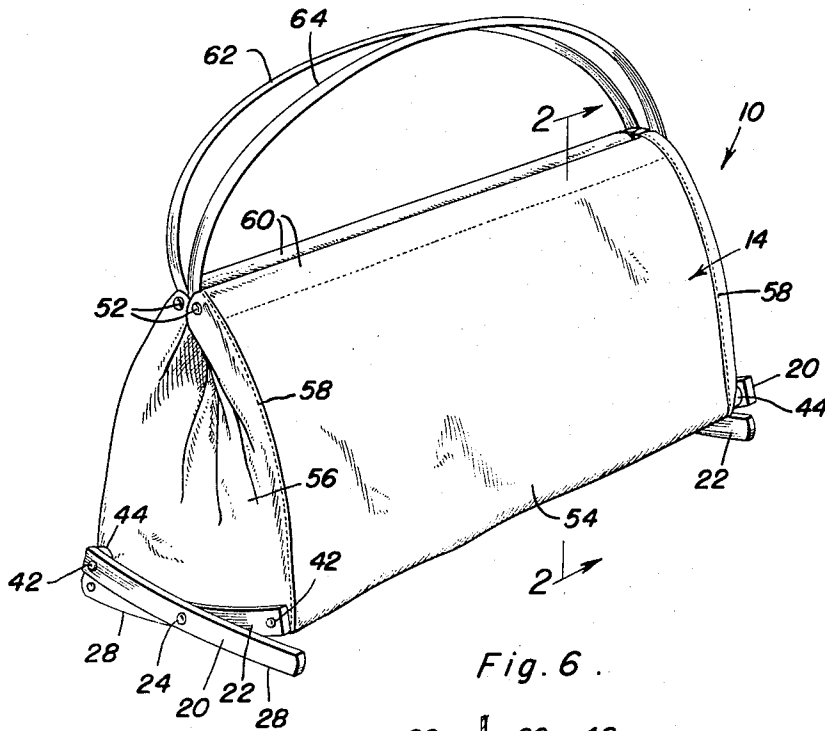


Fig. 6.

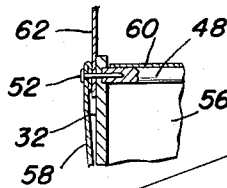


Fig. 7.

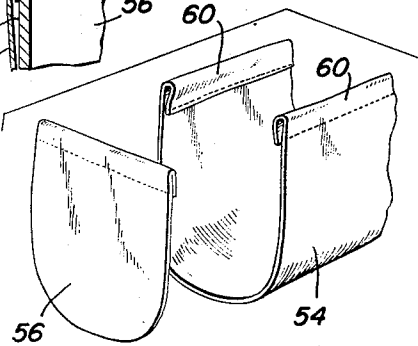
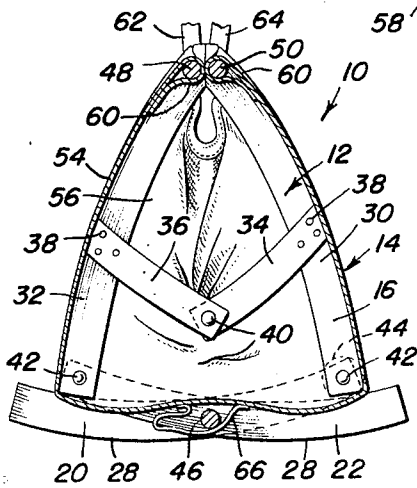


Fig. 2.



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Fig. 4.

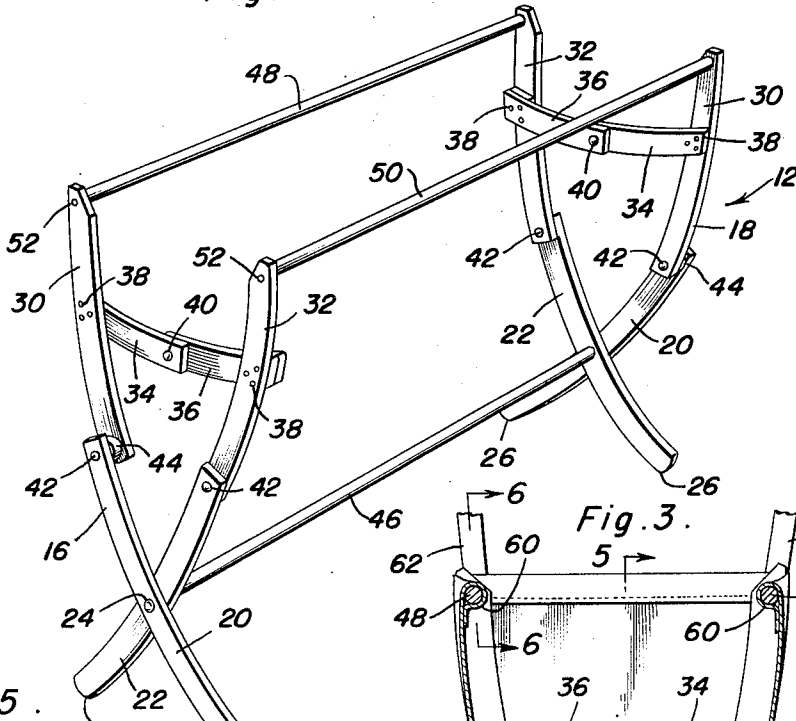


Fig. 3.

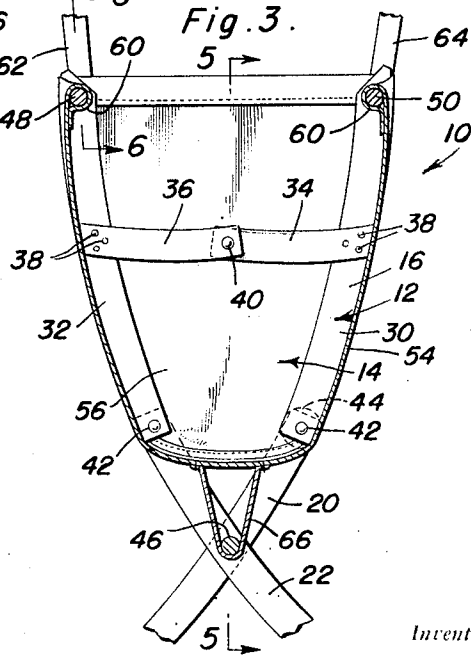
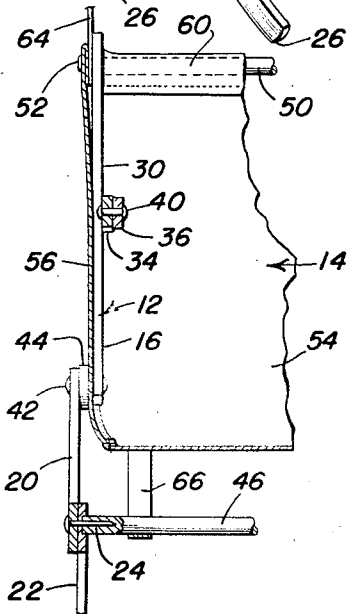


Fig. 5.



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UNITED STATES PATENT OFFICE

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COLLAPSIBLE BASKET

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6 Claims. (Cl. 150-49)

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This invention relates to new and useful improvements and structural refinements in sewing baskets, and the principal object of the invention is to provide a sewing basket of a foldable or collapsible nature, matters being so arranged that the bag or receptacle of the basket is open when the basket is erected and closed when it is collapsed.

This object is achieved by the provision of a collapsible frame to which the bag or receptacle is attached, the frame including sets of legs on which the basket rests, both in its collapsed and in its erected position.

An important feature of the invention resides in the construction and arrangement of the collapsible frame and bag of the basket in such manner that only the legs of the frame are visible. As a result, the basket assumes a pleasing appearance and, in its folded or collapsed position, particularly lends itself to convenient portability.

An additional feature of the invention resides in the arrangement of the collapsible frame in such manner that the legs thereof are automatically folded as the bag is closed, and vice versa.

Some of the advantages of the invention lie in its simplicity of construction, in its pleasing appearance as aforesaid, and in its adaptability to economical manufacture.

With the above more important objects and features in view and such other objects and features as may become apparent as this specification proceeds, the invention consists essentially of the construction and arrangement of parts as shown in the accompanying drawings in which:

Figure 1 is a perspective view of the invention in its collapsed position;

Figure 2 is a cross sectional view taken substantially in the plane of the line 2-2 in Figure 1;

Figure 3 is a cross sectional view, similar to that shown in Figure 2, but illustrating the basket in its erected position;

Figure 4 is a perspective view of the collapsible frame used in the invention, the same being shown in its erected position;

Figure 5 is a cross sectional view, taken substantially in the plane of the line 5-5 in Figure 3;

Figure 6 is a cross sectional view, taken substantially in the plane of the line 6-6 of Figure 3; and

Figure 7 is a group perspective view, partially broken away, of the bag used in the invention.

Like characters of reference are employed to designate like parts in the specification and throughout the several views.

Referring now to the accompanying drawings in detail, the invention consists of a sewing basket designated generally by the reference character 10, the same embodying in its construction two principal sub-assemblies, namely, a framework 12 and a bag 14.

The construction of the framework 12 will first be described, the same embodying a pair of spaced parallel end members 16, 18, as is best shown in Figure 4. These end members are similar in construction, so that a description of one will suffice for both.

Each of the end members 16, 18 consists of a pair of arcuate legs 20, 22 which are crossed and pivotally connected together by a suitable pin 24, these being so arranged that when they are in their erected position as shown in Figures 3 and 4, they rest upon their lower ends 26, while when they are collapsed as shown in Figures 1 and 2, they rest upon their convex lateral edges 28.

Each of a pair of arcuate, upwardly extending side pieces 30, 32 is pivoted at its lower end to the upper end of one of the legs 20, 22, the side pieces 30, 32 being provided with inwardly extending struts 34, 36 respectively, which are rigidly secured to the side pieces by a plurality of rivets or the like 38, and are pivotally connected together as at 40.

The pivotal connection of the side pieces 30, 32 to the respective legs 20, 22 is indicated at 42, and it is to be noted that appropriate spacers or washers 44 are employed where necessary and that the side pieces and legs in each pair are staggered, so to speak, so as to assure their proper transverse alignment.

What will be hereinafter referred to as the lower longitudinal bar or rod 46 extends between the pivoted connections of the legs 20, 22 in the two end members 16, 18, being secured in position by the aforementioned pivot pins 24 which extend axially into the end portions of the bar 46, as is best shown in Figure 5. Similarly, each of a pair of upper longitudinal bars or rods 48, 50 connects together the upper end portions of the side pieces 30, 32 at one side of the frame 12, being secured in position by suitable nails, or the like, 52, as is best shown in Figures 4 and 6.

It will be apparent from the foregoing that the construction of the frame 12 is such that when the bars 48, 50 are drawn together as shown in Figures 1 and 2, the frame is collapsed and adapted to rest on the lateral edges 28 of the legs 22. However, when the bars 48, 50 are separated as shown in Figures 3 and 4, the entire

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frame is erected and adapted to rest on the lower ends 26 of the legs.

The construction of the bag or receptacle 14 will now be described, this consisting of suitable flexible material such as cloth, fabric, or the like, and consisting of a sheet 54 of a substantially U-shaped cross sectional configuration provided at its ends with suitable panels 56 which are secured thereto by stitching or the like, as indicated at 58 in Figure 1.

The upper edges of the bag portion 54 are provided with hems 60 to accommodate the aforementioned bars 48, 50, whereby the entire bag 14 is suspended, so to speak, from these two bars, substantially as shown. It is to be noted that the side pieces 30, 32 as well as the struts 34, 36 are disposed within the bag 14, only the legs 20, 22 being visible, so that the entire basket assumes a pleasing external configuration. It is to be also noted that the end panels 56 of the bag 14 are attached at the upper corners thereof to the side pieces 30, 32 by the aforementioned nails, or the like 52, these nails also serving to attach the ends of a pair of handles 62, 64 to the frame 12, substantially as shown. These handles not only facilitate convenient carrying of the basket when folded as shown in Figure 1, but by simply pulling the handles 62, 64 away from each other, the bars 48, 50 will be separated and the frame 12 erected as has been already described while at the same time, the bag 14 will be opened as shown in Figure 3. On the other hand, by simply pressing the bars 48, 50 together, the bag 14 will be closed and the frame 12 collapsed, as shown in Figure 2.

Suitable loops 66 are provided on the bottom adjacent the ends of the bag 14, these loops passing under and around the lower bar 46, so that when the frame 12 is erected, the bar 46 by virtue of the loops 66 will automatically draw the bag 14 downwardly, to its fully open or expanded position.

It is believed that the advantages and use of the invention will be clearly understood from the foregoing disclosure and accordingly, further description thereof at this point is deemed unnecessary.

While in the foregoing there has been shown and described the preferred embodiment of this invention it is to be understood that minor changes in the details of construction, combination and arrangement of parts may be resorted to without departing from the spirit and scope of the invention as claimed.

Having described the invention, what is claimed as new is:

1. In a sewing basket, a collapsible frame com-

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prising spaced end members each including a pair of crossed and pivotally connected legs, a pair of upwardly extending side pieces pivoted to said legs, and a pair of struts pivotally connected together and rigidly secured to said side pieces, and longitudinal bars connecting together the legs and side pieces of the end members.

2. A sewing basket comprising a collapsible frame consisting of a pair of spaced parallel end members each including a pair of crossed and pivotally connected legs, a pair of upwardly extending side pieces each pivoted to one of said legs, and a pair of struts pivotally connected together and each rigidly secured to an intermediate portion of one of said side pieces, longitudinal bars connecting together the legs and side pieces of the two end members, and a foldable bag suspended from the longitudinal bars connecting said side pieces.

3. The device as defined in claim 2 wherein said side pieces and said struts are disposed in said bag.

4. A sewing basket comprising a collapsible frame consisting of a pair of spaced parallel end members each including a pair of crossed and pivotally connected legs, said legs being arcuate and being swingable from an upstanding position wherein they rest on their lower ends to a collapsed position wherein they rest on portions of their lateral edges, a pair of upwardly extending side pieces each pivoted at its lower end to the upper end of one of said legs, and a pair of struts pivotally connected together at one end and each rigidly secured at its remaining end to an intermediate portion of one of said side pieces, a lower longitudinal bar extending between the pivoted connections of the legs in the two end members, a pair of upper longitudinal bars each securing together upper end portions of side pieces at one side of said frame, and a foldable bag suspended from said upper longitudinal bars.

5. The device as defined in claim 4 wherein said upper longitudinal bars are movable toward and away from each other, and said legs are respectively collapsed and uprighted by said movements of the upper longitudinal bars.

6. The device as defined in claim 4 wherein said side pieces, said struts and said upper longitudinal bars are disposed in said bag, together with keeper loops provided at the bottom of said bag, said keeper loops engaging said lower longitudinal bar.

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No references cited.

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