

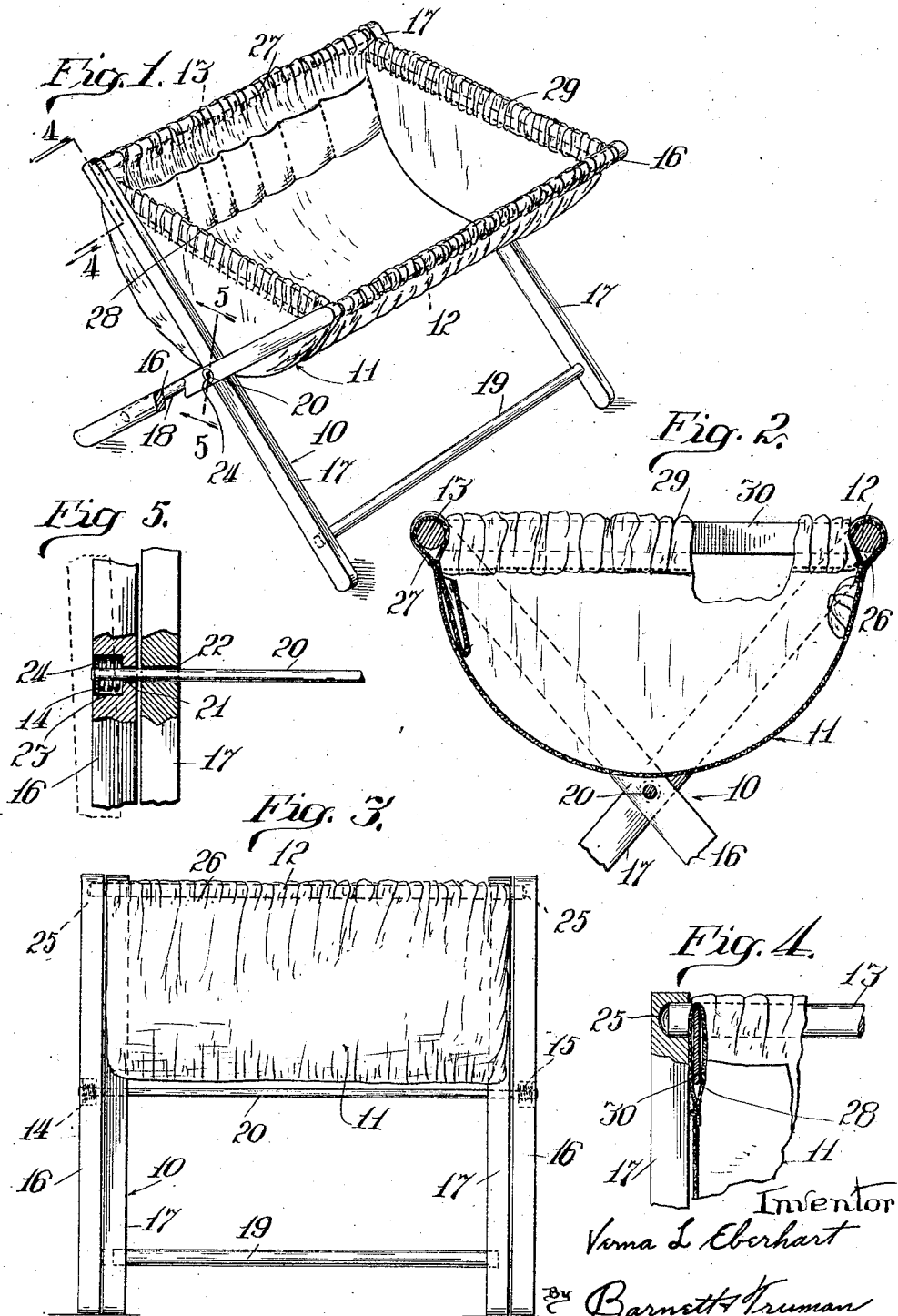
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SEWING STAND

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SEWING STAND.

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My invention relates to a sewing stand and has for its primary object the provision of a new and improved sewing stand which will be relatively light in weight, strong and durable in construction, inexpensive to manufacture, and which may be readily folded into a compact space, so that it may be conveniently carried from one place to another.

A more specific object of the invention is to provide a folding stand of the above character comprising a folding frame and a sewing bag suspended therefrom so as to be opened and closed in response to the opening and closing movement of the frame and to provide in a stand of this character, improved means for rigidifying the frame, which means is yieldable to permit removal of the elements of the frame to which the sewing bag is attached.

A further and more specific object is to provide, in a stand of the above character, a sewing bag having tension straps, which straps are so proportioned as to limit the opening movement of the stand without tensioning the margins of the bag.

The invention has for further objects, the novel and improved arrangements, constructions, and combinations of parts and devices hereinafter described and claimed for carrying out the above mentioned objects and such other objects as will appear from the detailed description of the invention.

The preferred embodiment of my invention is illustrated in the accompanying drawing, wherein:

Fig. 1 is a view in perspective of my improved sewing stand.

Fig. 2 is a cross sectional view through the upper portion of the stand with part of the hem of the sewing bag broken away to show the construction more clearly.

Fig. 3 is a side view in elevation of the sewing stand.

Fig. 4 is a fragmentary sectional view taken on line 4—4 of Fig. 1 to illustrate the construction of the end seam and to show the manner in which certain side brace elements are engaged with the cross leg members of the frame, and

Fig. 5 is a fragmentary view in section taken on line 5—5 of Fig. 1, and illustrating in dotted lines the manner in which the cross legs may be moved laterally to permit ready detachment of the sewing bag supporting members.

The embodiment of my invention shown

in the accompanying drawing may be described generally as consisting of a folding frame 10, a bag 11 removably suspended from said frame, and means, including removable side braces 12 and 13, and spring elements 14 and 15, to permit the sewing bag to be readily removed from the frame when desired.

The frame portion of my invention is preferably made up of legs 16 and 17 at each end, crossed as shown in Fig. 1 of the drawing and pivoted together so as to be folded up or spread apart as desired. The legs at one end of the frame are connected with corresponding legs at the other end of the frame by means of removable braces 12 and 13, and by rigid lower braces 18 and 19.

The legs 16 and 17 are pivoted together at their point of intersection by means of a rigidifying bar 20, the ends of which extend through openings 21, 22 in the legs 16 and 17 respectively. The openings 21 in the legs 16 are preferably counterbore, as shown at 23 in Fig. 5 to provide a spring pocket at each end of the frame. Coiled springs 14 and 15 surround the ends of the rigidifying bar 20 and are held in said spring pockets by washers 24 attached to opposite ends of the rod 20.

The springs 14 and 15 are normally slightly tensioned in their operative position so as to exert spring pressure against the legs of the stand, so as to hold the removable side braces 12 and 13 firmly within the sockets 25 at the upper ends of the legs. The springs, however, may be compressed to permit the braces to be removed from the sockets when desired. With this construction, the braces 12 and 13 may have a loose fit in the sockets 25, so as to permit their removal without difficulty, and at the same time provide a rigid construction.

The sewing bag is preferably made of washable material, of any desired grade, and is formed so that the opening of the bag will be of a rectangular configuration. The side margins of the bag are preferably provided with open-ended hems 26, 27, adapted to receive the removable braces 12 and 13 of the frame, so as to be suspended between said braces.

The end margins of the bag are provided with hems 28 and 29, each of which encloses a tension strap 30. The end hems and the tension straps are attached at their ends to the side hems 26 and 27 so as to limit the

opening movement of the frame. The tension straps 30 are preferably, though not necessarily, slightly shorter than the end hem so that the end hem will present a slight fullness or shirred effect when the sewing stand is in its opened position. The side hems are also, by preference, made slightly longer than the space between the legs 16—16, so that both side margins of the bag will present a crimped or shirred effect when the said hems are fitted over the side braces 12 and 13.

The end of the cloth along the hem 27 is preferably folded up and stitched as indicated in Figs. 1 and 2, to provide a row of pockets for holding the sewing material.

In applying or removing the sewing bag, the legs at one end are forced outwardly as indicated in dotted lines in Fig. 5. With the legs in this position the removable braces 12 and 13 may be readily removed from the sockets 25 formed in the upper end of the legs. The side braces when in their operative position are held firmly by reason of the tension exerted by the springs 13 and 14 upon the legs 16—16. The stand, it will be noted, can readily be folded without interfering with the material supported in the bag 11, since the folding of the legs of the stand close the open end of the bag.

While I have described my invention in connection with one specific embodiment, it will be obvious that various structural changes might be made without departure from the spirit of my invention. It will be understood therefore that I contemplate all such changes in structure as come within the scope of the appended claims.

I claim:

1. A sewing stand comprising a folding frame provided with removable rigidifying brace members, means exerting spring pressure against said frame to hold said brace members in their normal operative position but yieldable to permit said braces to be removed, and a bag removably supported on said brace members.

2. A sewing stand comprising a frame provided with removable side braces, spring means for holding said braces in their normal operative position but yieldable to permit said braces to be removed, and a bag provided with means for embracing said braces, whereby said bag is removably suspended between said braces.

3. A sewing stand comprising a frame provided with removable side braces, spring means for holding said braces in their normal operative position but yieldable to permit said braces to be removed, and a bag provided with hems open at their ends to receive said braces, whereby said bag is removably supported between said braces.

4. A sewing stand comprising a frame made up of cross legs at opposite ends of

the stand, means providing pivots at the points of intersection of the legs so as to permit the legs to be folded together or spread apart as desired, removable side braces extending from the legs at one end of the frame to corresponding legs at the other end, spring means associated with said pivot means adapted to exert pressure against said legs to hold said side braces in their normal operative position, but yieldable to permit said braces to be removed, and a bag provided with hems open at their ends to receive said side braces, whereby the bag is removably suspended between said braces.

5. A sewing stand comprising a frame made up of crossed legs at opposite ends of the stand, a rigidifying member extending through the legs to provide pivots for the legs, whereby the legs may be folded together or spread apart, as desired, removable side braces extending from the legs at one end of the frame to corresponding legs at the other end, spring means associated with said rigidifying member adapted to exert pressure against said legs to hold said side braces in their normal operative position, but yieldable to permit said braces to be removed, a bag adapted to be suspended between said braces, the end margins of said bags being provided with straps adapted to limit the spreading movement of the legs.

6. A sewing stand comprising a frame made up of cross legs at opposite ends of the stand, a rigidifying member extending through the legs to provide pivots for the legs, whereby said legs may be folded together or spread apart as desired, removable side braces extending from the legs at one end of the frame to corresponding legs at the other end, spring means associated with said rigidifying member adapted to exert pressure against said legs, to hold said side braces in their normal operative position, but yieldable to permit said braces to be removed, a bag adapted to be suspended between said braces, the end margins of said bag being hemmed, and straps extending through said hems adapted to limit the spreading of said legs; the length of said straps being normally less than the width of the bag, so that the end margins of the bag will present a shirred effect when the said straps are taut.

7. In a sewing stand, crossed legs at opposite ends of a stand, a centrally disposed bar extending through the legs at their intersection, and providing a pivot whereby the legs may be folded together or spread apart as desired, removable brace members, spring pockets at the intersection of said legs, springs at the ends of said centrally disposed bar adapted to seat in said spring pockets so as to exert pressure against said legs to hold said removable braces in their operative positions, and a bag provided with

means for engaging said removable braces so as to be suspended between them.

8. In a sewing stand, cross legs at opposite ends of the stand, a centrally disposed bar
5 extending through the legs at their intersection, providing a pivot whereby the legs may be folded together or spread apart as desired, removable brace members, spring
10 pockets at the intersection of said legs, springs at the ends of said centrally disposed

bar adapted to seat in said spring pocket so as to exert pressure against said legs to hold said removable braces in their operative positions, and a bag provided with marginal
15 hems adapted to receive said removable braces so as to be suspended between them, and provided with tension straps along the end margins of the bag adapted to limit the spreading movement of said legs.

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