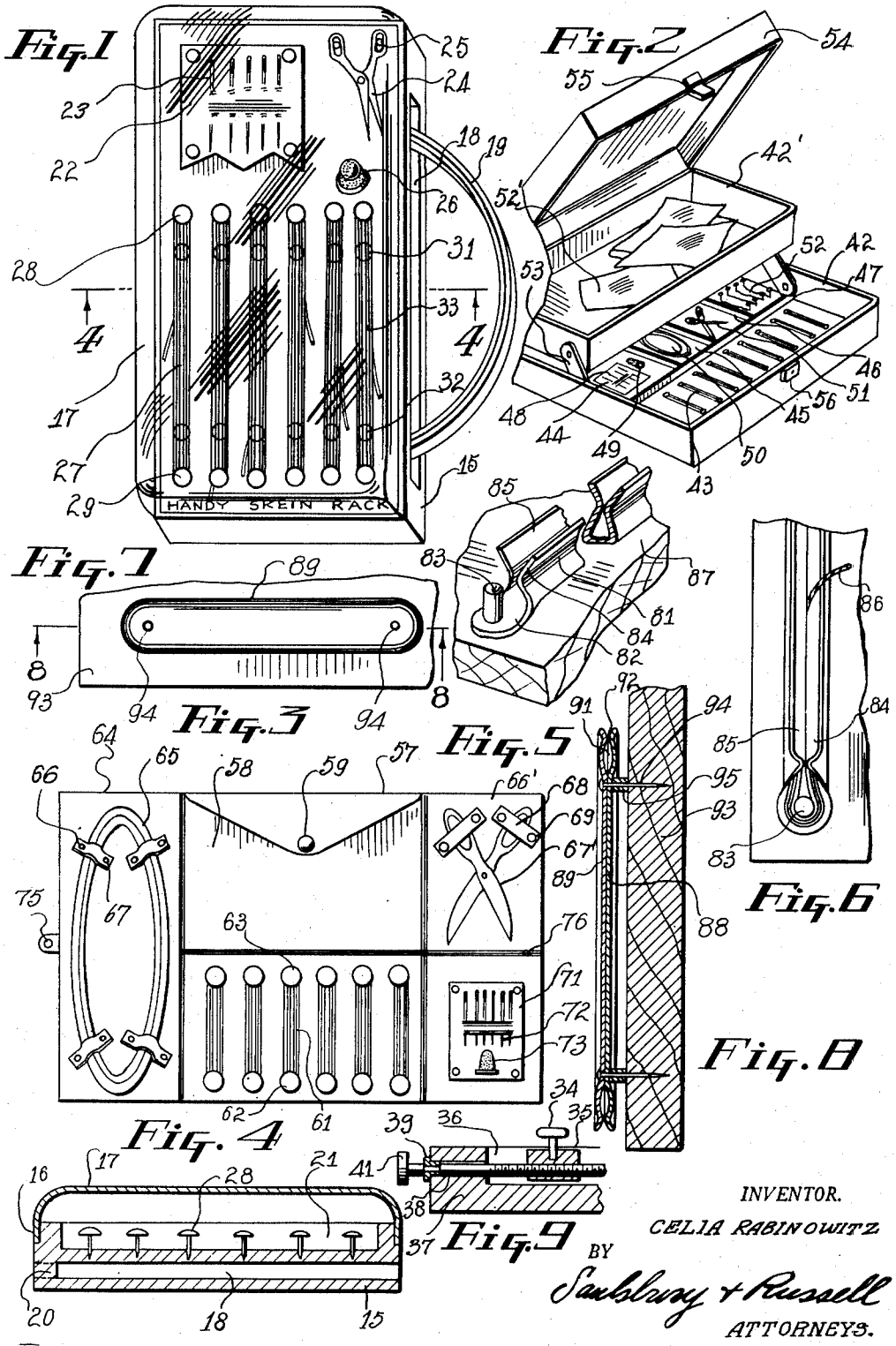
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EMBROIDERY KIT

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EMBROIDERY KIT

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This invention relates to embroidery racks and kits.

The objects of this invention are first, to provide embroidery racks and kits which have skein holders, to keep embroidery skeins in an orderly fashion, easy to use, and not tangled; second, to provide in one handy container all accessory items used in embroidery work.

It is another object of the present invention to provide skein holders for embroidery kits and the like wherein the end of the thread will be automatically retained in the position in which it has been pulled from the skein and wherein the threads may be enclosed and protected against dust.

Other objects of the present invention are to provide embroidery kits and skein holders which are of simple construction, inexpensive to manufacture, compact and of pleasing appearance, convenient to use and efficient in operation.

For other objects and for a better understanding of the invention, reference may be had to the following detailed description taken in connection with the accompanying drawing, in which

Fig. 1 is a perspective view of a handy skein rack which has an opening in the side edge to contain the hoop and which has pins with large heads for containing the skein material.

Fig. 2 is a fragmentary perspective view of a household embroidery kit with its cover elevated and the tray lifted to make accessible the various items systematically arranged on the bottom of the box.

Fig. 3 is a plan view of a travel embroidery kit wherein the different embroidery items are systematically arranged on foldable material.

Fig. 4 is a transverse sectional view of the kit shown in Fig. 1, the view being taken on line 4—4 thereof.

Fig. 5 is a fragmentary perspective view of a modified form of skein rack.

Fig. 6 is a fragmentary top plan view of the skein rack shown in Fig. 5.

Fig. 7 is a fragmentary top plane view of a still further form of skein rack.

Fig. 8 is a fragmentary longitudinal sectional view of the skein rack shown in Fig. 7, the view being taken on line 8—8 thereof.

Fig. 9 is a fragmentary and sectional view of a still further form of skein rack wherein one of the retaining posts is adjustable to different size skeins.

Referring now particularly to Figs. 1 and 4, 15 represents a base or rack which has a recess 16 about its upper edge to receive the sides of a transparent cover 17. Through this cover, the top of the rack and the contents thereof can be viewed. In one side edge is a slot or opening as indicated at 18 into which a hoop 19 may be

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extended and retained until use is to be made of the same. The opening may extend through to the opposite edge so that the finger can be extended into the opening to release the hoops and extend them from the one side edge. This opening at the opposite side edge is indicated at 20, Fig. 4.

Preferably the top of the rack 15 is hollowed or dropped down as indicated at 21, Fig. 4, and on this top there may be mounted the several items required to make up the kit. At one end there is secured a needle pad 22 having needles 23, small scissors 24. The handles of the scissors are extended over pins 25. A thimble 26 may be extended over a projection.

Skeins of embroidery thread are arranged parallel to one another as indicated at 27 and are respectively held on pins 28 and 29 extended into the base. The pins can be located any distance apart and if placed closer together, as indicated respectively at 31 and 32, shorter skeins 33 may be accommodated.

In Fig. 9 there has been shown a modified form of the invention wherein a pin 34 is provided on a slide 35 adjustable in a slot 36 of a base 37. A long screw 38 is threaded into slide 35 and is held against longitudinal displacement on the base by a sleeve 39 tightly fitted in the base 37. A knob 41 is provided on the screw 38 to turn the same. The slide can be adjusted to make easy the attachment of the skein to the pin 34 and thereafter tighten to retain the skein in a tight and stretched manner.

Referring now to Fig. 2, there is shown an embroidery kit adapted for household use wherein all material used in embroidery work may be kept. This kit comprises a bottom tray 42 in which skeins 43 are arranged. This bottom tray may also contain bins 44, 45, 46 and 47. The bin 44 contains a needle pad 48 and a thimble 49. The bins 45, 46 and 47 may respectively contain hoops 50, scissors 51 and small skeins of embroidery material 52. Connected to the sides of the tray 42 by links 53 is a tray 42' which may be elevated in order to gain access to the bins beneath it. This upper tray holds embroidered material 52'. A cover 54 is hinged to the rear edge of the bottom 42 and can be lowered into the bottom 42 and locked by fastener elements 55 and 56 disposed respectively on the cover and on the bottom. The skeins 43 can be held by any of the holder devices thus far described and yet to be described.

Referring now particularly to Fig. 3, there is shown an embroidery kit especially designed for travel. This kit is formed of foldable or flexible material and has a main central portion 57 on which there is an envelope or pocket 58 with a snap button 59 for containing embroidered ma-

terial and on which a set of skeins 61 are connected as between buttons 62 and 63. At one side of the central portion 57 is a flap 64 adapted to receive the hoops 65. Straps 66 having snaps 67 are extended over the hoops and connected to cooperating snap fastener elements on the flap face.

At the opposite edge of the central portion 57 is a flap 66' on which are mounted scissors 67' by flexible straps 68 having snap fastener element 69 thereon, and a needle pad 71 with needles 72 and a thimble 73. The flaps 64 and 66' can be folded inwardly over the central portion 57 and held together by snap fastener elements 75 and 76 when fitted together.

Referring now particularly to Figs. 5 and 6, there is shown a modified form of skein holder wherein the free end of the skein material will be automatically retained as a thread is cut therefrom. This holder is indicated generally at 81 and comprises a bottom or base portion 82 on which the skein material may rest and upwardly extending pins 83 on the opposite ends of the base around which the skein material is extended. Extending upwardly from the base portion 82 are flanges 84 and 85 biasingly opposing one another to provide a closure for the threads and through which skein thread is extended to remove a length of the same from the pins 83. As a thread 86 is extended and released, the flanges 84 and 85 will close upon the same and grip it whereby to prevent any further removal of the thread from the holder except upon the application of force and by a pull upon the same. These holders 81 can be mounted on a base 87 by gluing or in any other suitable manner. The holder 81 is preferably made of plastic material or metal. The flanges 84 and 85 can be separated sufficiently to permit the extension of an entire skein onto the pins 83 and base 82.

Referring now particularly to Figs. 7 and 8, there is shown a still further form of the invention wherein skeins of embroidery material are held between plates 88 and 89 of flexible plastic material which are formed about their peripheries to provide a pocket 91 in which the skein material may be contained and a slit 92 out of which a thread of the material may be taken. The peripheries will flex sufficiently to permit the removal of the thread and will close upon the thread to retain the same against further displacement until a further pulling action is effected on it. These plates 88 and 89 are secured to a base 93 by long nails 94 and are held in an elevated position by spaces 95. The skein material is wound about the plates 88 and 89 to fill the peripheral pocket 91. These holders, shown in Figs. 5 and 8, may replace the pins 28 and 29 or buttons 62 and 63. If desired, these skein holders may be formed to provide containers for merchandising the various embroidery skeins and the holders simply connected to the base in the manner such that they may be easily released and replaced by other skein holders. A pin or nail 94 may be easily removed to permit the skein holder to be replaced by another skein holder.

It will be apparent that the various kits may be formed of different materials such as wood or plastic or of metal. The needle pads will be preferably made of fabric or cloth material. The embroidery thread will be kept in a systematic and orderly fashion on the various skein holding devices and there will be little opportunity for the same to become tangled and

wasted. Time will be saved since the thread will not have to be separated from other threads when selecting the same for a particular stretch on the embroidery work piece.

It will also be apparent that these kits are particularly desirable for traveling.

The various kits with skein holders can be sold separately from the other items that go with them. The items can be replaced by other items when they have been used up.

While various changes may be made in the detail construction, it shall be understood that such changes shall be within the spirit and scope of the present invention as defined by the appended claims.

I claim:

1. An embroidery kit adapted to contain thread material comprising a base, skein holder devices disposed on the base and adapted to retain skeins of embroidery material in an orderly fashion, and each of said skein holding devices comprising a base portion, flanges extending upwardly from the base portion and biasingly opposing one another to enclose a space over the base portion, pins at the opposite ends of the base portion about which the skein material is extended, said flanges being adapted to retain the free end of the embroidery material.

2. A skein holder device for thread material which comprises a base portion, flanges extending upwardly from the base portion and at the opposite sides thereof and opposing one another to enclose a space over the base portion, pins extending respectively upwardly from the opposite ends of the base portion about which the thread material is extended, said upwardly extending flanges lying between the pins, said pins being free of the flanges to permit the easy winding of the thread material about them, the thread material extending from one pin to the other and within the flanges.

3. A skein holder device for thread material which comprises a base portion, flanges extending upwardly from the base portion and at the opposite sides thereof and opposing one another to enclose a space over the base portion, pins extending respectively upwardly from the opposite ends of the base portion about which the thread material is extended, said upwardly extending flanges lying between the pins, said pins being free of the flanges to permit the easy winding of the thread material about them, the thread material extending from one pin to the other and within the flanges, and said flanges being bent to provide portions biasingly engaging one another whereby the thread may be retained at any point along the flanges to provide easy access thereto.

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