Jan. 3, 1933. J. KULZER 1,893,419

SEWING STAND

Filed Sept. 24, 1931

Fig. 3.

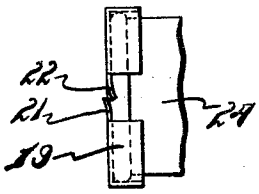


Fig. 1.

Fig. 2.

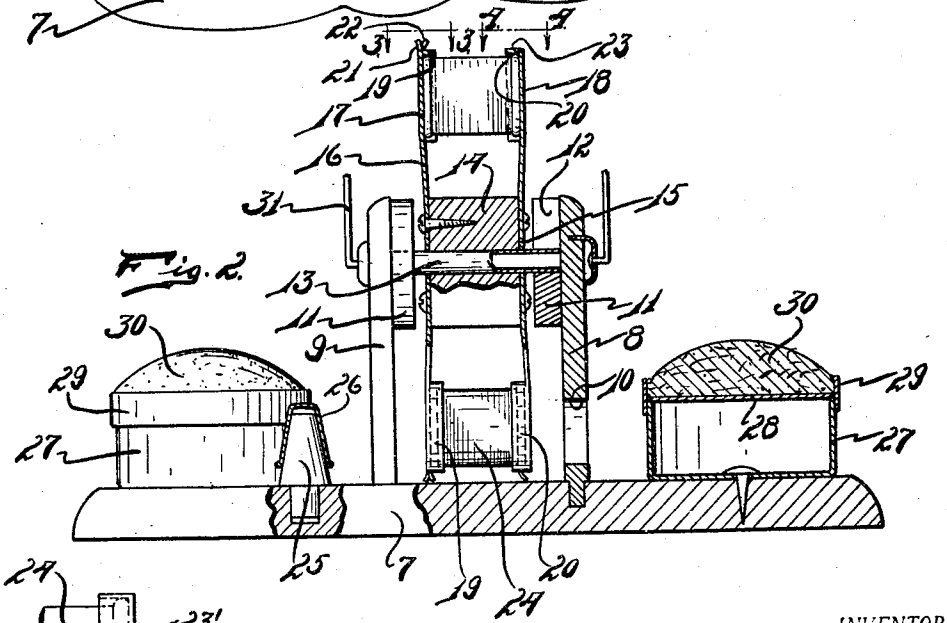
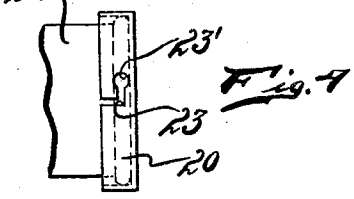


Fig. 4



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Patented Jan. 3, 1933

1,893,419

UNITED STATES PATENT OFFICE

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SEWING STAND

Application filed September 24, 1931. Serial No. 564,844.

My invention relates to a new and useful improvement in a sewing stand and has for its object the provision of a stand which will be simple in structure, economical of manufacture, durable, efficient in use and pleasing and attractive in appearance.

Another object of the invention is the provision of a stand which will serve as a spool holder and permit the ready use of the various spools and always retain the same in position for easy and quick removal of the desired amount of thread from the various spools.

Another object of the invention is the provision of means for retaining the spools in rotative position and constructed and arranged to accommodate spools of a specified size and shape, so that the device when made to receive spools of a specific size and shape will not lend itself to use with other forms or sizes of spools.

Other objects will appear hereinafter.

The invention consists in the combination and arrangement of parts hereinafter described and claimed.

The invention will be best understood from a reference to the accompanying drawing which forms a part of this specification and in which,

Fig. 1 is a perspective view of the invention,

Fig. 2 is a longitudinal sectional view, with parts broken away and shown in section and parts shown in side elevation,

Fig. 3 is a fragmentary side elevational view of one side of the spool retainer, and,

Fig. 4 is a fragmentary side elevational view of another side of the spool retainer.

The invention comprises a base 7 projecting upwardly from which are the spaced standards 8 and 9 in each of which is formed an opening 10. Mounted on the inner surface of each of these standards, adjacent the upper ends thereof, are bearing blocks 11, in each of which is formed a slot 12 projecting from slightly below the center thereof, outwardly therefrom to the periphery thereof. A shaft 13 engages at its ends in this slot 12 so that the shaft is retained at the center of the blocks 11 and there supported free to rotate. Fixedly mounted on the shaft 13 is a hub 14 to the end faces of which are secured disks 15 and 16 formed from suitable resilient metal. Radiating outwardly from each of these disks are the spaced radiating arms 18 and 17 respectively, which serve as spool retainers. A flange 20 is projected inwardly from the inner face of the arms 18 adjacent the upper ends thereof and a bayonet slot 23 is formed in this flange, terminating at its end 23′ in an opening in which the thread may engage and by which the thread may be guided when the same is being unwound from a spool.

Projecting inwardly from the inner face of the retaining arms 17, adjacent the upper ends thereof are the flanges 19, punched from each of which are tongues 21 and 22 having sharpened edges to serve as thread cutters. These flanges 19 and 20 serve as bearings for the ends of the spools 24 which it is desired to retain in position. When the ends of the spools are embraced by these flanges the spools are prevented from being unduly removed from between the retainers and at the same time they are free for rotation. The arms are resilient and may be sprung apart to permit the removal or placement of a spool in the flanges 19 and 20 and when released from the separating force these retainers will spring into close engagement with the end faces of the spools. The spools will be free to rotate but because of the frictional contact of the retaining arms with the end faces of the spools the spools are not loose and objectionable loose rotation of the spools is thus prevented.

Thimble post 25 for the reception of thimbles 26 project upwardly from the base 7.

Mounted on the base 7 are cups 27 for the reception of various loose articles, such as buttons and the like. A cover 28 is provided for each of these cups, the cover 28 being provided with an upwardly projecting cylindrical flange 29 which serves as a retainer for the pin cushion 30.

A carrying bail 31 is attached at its ends to the standards 8 and 9.

With a device constructed in this manner a seamstress may have within easy reach and

easy of access various spools of thread and other articles which are commonly used. The removal of the thread from the spools is an easy and quick operation and the spool is visible at all times. By having the flanges embrace the ends of the spools the device is limited to the size and shape of spools which may be used therewith. In this way the manufacturer of thread may also fabricate and sell the retainers with the assurance that they will not be used with spools other than the special size which he manufacturers and sells. Especially is this beneficial to a manufacturer who is exclusively selling a certain size and style of spools of thread.

While I have illustrated and described the preferred form of construction I do not wish to limit myself to the precise details of structure set forth but desire to avail myself of such variations and modifications as come within the scope of the appended claims.

Having thus described my invention what I claim as new and desire to secure by Letters Patent is:

1. A device of the class described comprising a base; a pair of spaced standards projecting upwardly from said base; a bearing block on the face of each of standards adjacent the upper ends thereof, each of said blocks having a slot extending from its upper edge inwardly to a point below its center; a hub; a shaft projected through said hub and extended outwardly from opposite ends thereof and engageable in the slots in said blocks for rotatably mounting said hub on said standards; and a plurality of spool retaining members carried by said hub.

2. A device of the class described comprising a base; a pair of spaced standards projecting upwardly from said base; a bearing block on the face of each of said standards adjacent the upper ends thereof, each of said blocks having a slot extending from its upper edge inwardly to a point below its center; a hub; a shaft projected through said hub and extended outwardly from opposite ends thereof and engageable in the slots in said blocks for rotatably mounting said hub on said standards; a plurality of pairs of spaced resilient arms projecting outwardly from said hub; and spool retaining means carried on the inner face of each of said arms adjacent the outer ends thereof.

3. A device of the class described comprising a base; a pair of spaced standards projecting upwardly from said base, a bearing block mounted on the inner face of each of said standards adjacent the upper ends thereof and provided with a vertically extending slot projecting from its upper edge to a point below the center thereof; a shaft engaged in said slots and journaled on said blocks; a hub fixedly mounted on said shaft; a plurality of resilient metallic arms secured to the outer faces of said hub and radiating outwardly therefrom in spaced relation, the arms at opposite sides of said hub being in alignment; and spool retaining means on the inner face of each of said arms adjacent the upper ends thereof.

In testimony whereof I have signed the foregoing specification.

JAKOB KULZER.