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M. E. TROLLEN

2,232,286

SEWING KIT

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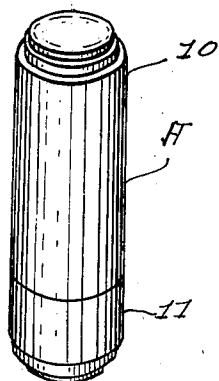


Fig. 1

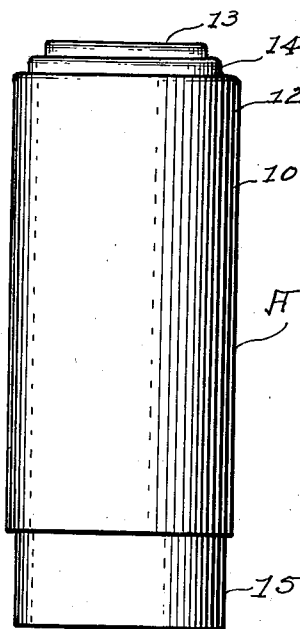


Fig. 3

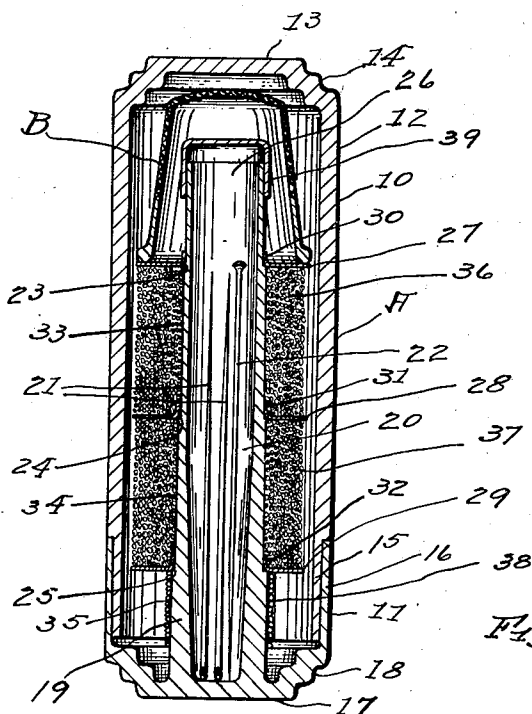


Fig. 2

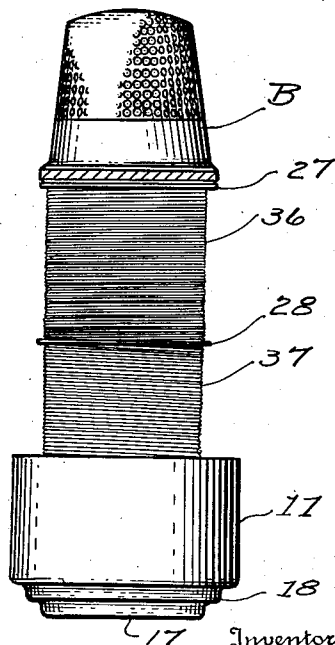


Fig. 4

Inventor
Martin E. Trollden

Howard Fischer

Attorney

By

UNITED STATES PATENT OFFICE

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SEWING KIT

Martin E. Trollen, St. Paul, Minn., assignor to
Brown & Bigelow, St. Paul, Minn., a corporation of Minnesota

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1 Claim. (Cl. 223—107)

This invention relates to a sewing kit having a body portion formed of plastic or molded material of a non-metallic nature. The construction of the case of this sewing kit includes two principal members which form the core portion and end closure cap, and which are formed in an integral part being molded of plastic material by an extrusion process under considerable pressure so that this portion is formed under hydraulic pressure in a molding die to the size and dimension desired. The other portion of the sewing kit includes the tubular casing having a cap-like end which conforms in design and character to the cap end formed with the core member.

It is a feature to provide a sewing kit formed of non-metallic material wherein an internal core supporting means is provided about which thread may be wound in spool-like form, having different spaced spool portions and within the core of which a compartment is formed for needles, pins, and the like and providing an inner cap for the hollow core to close the pin compartment.

My sewing kit includes a thimble supporting means at the inner end of the core member so that a sewing thimble may be contained and carried within the kit.

A further feature resides in forming a sewing kit out of plastic material which is molded in two parts, one part providing the main outer casing and cover or cap end, the other part providing an inner core portion for supporting thread and the like around the same, and having a hollow axial recess for pins and needles and an integral cap end formed thereon into which the casing or other plastic member engages to provide a non-metallic molded sewing kit of a neat character. The sewing kit may be made up in various colors and combinations of colors to provide an attractive molded sewing kit which not only has the utility feature of supporting needles, pins, thread and a thimble, but also includes a decorative enclosure for the sewing elements and the thimble. The case of the sewing kit also provides a form which may be used to darn over when desired. Its non-metallic nature does not dull the needles. A sewing kit of this character is particularly adapted as an advertising utility, because the advertisement may be printed or engraved upon the outer surface of the casing. Thus the sewing kit may be used as an advertising medium which may be given away to the recipients desirable of receiving articles of this character.

My invention includes the method of making

a sewing kit consisting in molding of plastic material under hydraulic pressure a core and cap end with a hollow axial chamber therein, and with stepped and spaced apart shoulders formed at intervals about the core member, the shoulders increasing in diameter from the inner end of the core member toward the base cap end, then placing a series of washer-like members over the core member and in engagement with the respective shoulders providing a cap for the open end of the hollow core member, then providing a molded upper cap end and casing portion for covering the core member and uniting with the base cap end to form a molded sewing kit receptacle.

In the drawing forming a part of this specification:

Figure 1 is a front perspective view of my sewing kit.

Figure 2 is an enlarged longitudinal cross-section through my sewing kit.

Figure 3 illustrates the cap like casing portion removed to expose the inner parts of the sewing kit.

Figure 4 illustrates the inner parts of the sewing kit as they would appear when the cap casing shown in Figure 3 is removed.

Figures 3 and 4 are enlarged in the same proportion as Figure 2.

The sewing kit A is formed of two main parts, namely, the upper cap end and casing 10 and the base cap end and core portion 11. These parts 10 and 11 are preferably molded out of plastic material or may be formed of Bakelite or other non-metallic molded material to provide a light weight decorative sewing kit A wherein the upper cap end and casing portion 10 may be made of a different color or colors than the base cap end 11.

These two members 10 and 11 are the principal portions of the sewing kit A. By this simple construction, I provide a light weight sewing kit of a very attractive nature and which lends itself very favorably to being used as an advertising utility having a large outer face for advertising material.

The upper cap end and casing portion 10 is formed with a tubular portion 12 which is molded under hydraulic pressure in a die (not shown) and which is formed with a closed flat end portion 13 which may be connected to the tubular portion 12 by the integral rabbeted annular portion 14 or any other decorative portion. The flat end portion 13 may be used as a form over which material may be stretched when darning the

same. The end 13 of the portion 10 may be of any suitable decorative form desired.

The lower open end of the portion 10 is provided with an inset collar-like portion 15 which is adapted to slidably fit into the tubular end 16 of the base cap portion 11. This provides a friction fit between the two portions 10 and 11 and gives a smooth joint so as not to mar the outer contour of the sewing kit A. The base cap end 11 is provided with a flat bottom and wall 17 which is similar to the end 13 and which is joined to the tubular portion 16 by the annularly extending rabbeted integral portion 18.

The cap 11 is formed under hydraulic pressure in a die being molded of plastic or other moldable material, and is formed with a tubular core member 19 which is formed of a length approximately the major length of the tubular portion 12 of the cap end and casing portion 10. The tubular core portion 19 is provided with the axial hollow chamber 20 which may be used for needles 21 and pins 22 or other sewing implements. Further, the core member 19 is formed with a series of spaced apart annular shoulders 23, 24, and 25, the shoulder 23 being spaced near the open end 26 of the core member 19 and having a smaller diameter than the shoulder 24; whereas the shoulder 25 is of a larger diameter than the shoulder 24 and the shoulder 23. A series of washer members 27, 28, and 29 having axial openings and tubular collar portions 31 and 32 which are of a size to fit the different size shoulder portions 23, 24, and 25 are fit over the core member 19 and frictionally held to the same in place as illustrated in Figure 2 to provide spool portions 33, 34, and 35 for different kinds and colors of thread 36, 37, and 38. The collars 31 and 32 frictionally engage the outer surface of the core 19 to hold the washer members 27, 28, and 29 firmly in place. A cap 39 is provided for the open end 26 of the core member 19 to close the same and prevent the needles and pins from falling out of the chamber.

The upper washer member 27 forms a rest on which the sewing thimble B is normally positioned in the sewing kit A. When the thimble rests upon this washer 27 as illustrated in Figure 2, and the cap end and casing portion 10 is in the position illustrated to close the sewing kit A,

the core member, the spools of thread, and the thimble are all concealed neatly within the kit A. When the sewing kit A is in use and it is desired to use the thimble B, the cap end and casing portion 10 is removed as illustrated in Figure 3, leaving the base cap end and core member with the spools of thread exposed as illustrated in Figure 4. Thereupon the thimble is accessible and by removing the cap 39, the needles or pins 21 or 22 may be taken out of the thimble 20 and after the desired thread 36 or 37 has been placed in the needle the sewing kit can be put together again as it appears in Figure 1. The sewing kit A is light weight and may be made very decorative out of plastic or molded non-metallic material providing tubular or cylindrical surfaces for a form for darning or flat ends in portions for a form for darning. All of these surfaces being non-metallic, they will not dull the needle, and thus the sewing kit A is very desirable and has a desirable utility.

The form of my sewing kit A may be varied as may be desired, and while the illustrations shown shows it in a cylindrical form, it is apparent that various shapes and designs may be made wherein the principal features are maintained to provide a receptacle for needles, pins, etc., a spool means for the thread and a compartment and rest for the thimble together with the end caps and tubular casing. Therefore, many variations within the scope of the following claim form a part of this invention and should be considered as such.

I claim:

A sewing kit comprising a base, a marginal flange extending upwardly therefrom, a tubular member extending upwardly from said base at substantially the center thereof concentric with said flange, a series of frictional washers encircling said tubular member to divide the same into spools, a cap frictionally engaging the upper extremity of said tubular member, a thimble enclosing the upper extremity of said tubular member and resting upon one of said washers, and a tubular closure cap of a size to enclose said tubular member and thimble frictionally engaging said upwardly extending flange on said base.

MARTIN E. TROLLEN.