April 8, 1947. J. IRWIN, JR 2,418,771

THREAD, YARN, FILAMENT, AND THE LIKE

Filed Dec. 15, 1943

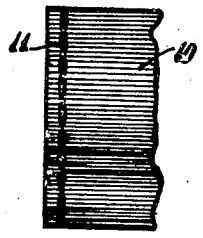


Fig. 1.

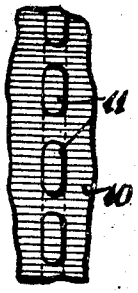


Fig. 2.

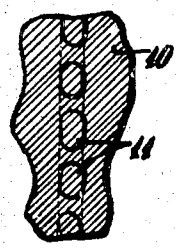


Fig. 3.

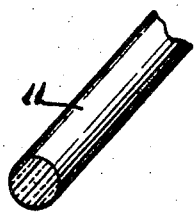


Fig. 4.

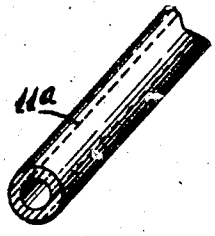


Fig. 5.



Fig. 6.

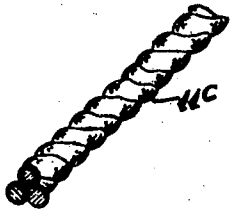


Fig. 7.



Fig. 8.

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THREAD, YARN, FILAMENT, AND THE LIKE

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1 Claim. (Cl. 2—275)

1

This invention relates to new and useful improvements in threads, yarns, filaments, and the like.

More particularly, the invention proposes the construction of one type of thread which may be used for many purposes on which present threads would be objectionable.

It is customary to use threads of different colors to match differently colored materials. For example, a white shirt would be sewn with white threads. No one would think of using black thread on it. The same holds true for the various colors.

This invention contemplates the construction of one thread which may be used on various colored articles.

It is proposed that the improved thread be transparent or semi-transparent, or translucent or semi-translucent. With this construction, the thread will take on the color of the material upon which it is used. If it is used on white material it will appear white, and if used on black material, it will appear black, etc.

Still further, the invention proposes adapting the basic concept of transparency to various kinds of threads. The improved threads could be solid, hollow, made from twisted strands, and the like.

It is also proposed that the improved threads be circular in cross section, or of other shapes. For example, a desirable shape would be ribbon-like, as then the tendency of the thread to magnify the goods beneath it would be eliminated.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claim in which the various novel features of the invention are more particularly set forth.

In the accompanying drawings forming a material part of this disclosure:

Fig. 1 is a fragmentary elevational view of a piece of blue cloth stitched with a thread constructed in accordance with this invention.

Fig. 2 is an enlarged detailed view of a portion of Fig. 1.

Fig. 3 is a detailed view similar to Fig. 2 but illustrating a different color scheme.

Fig. 4 is a fragmentary sectional perspective

2

view of a piece of thread constructed in accordance with this invention.

Fig. 5 is a fragmentary sectional perspective view of another piece of thread embodying this invention.

Fig. 6 is another fragmentary perspective view of still another thread.

Fig. 7 is a fragmentary sectional perspective view of another thread.

Fig. 8 is a fragmentary sectional perspective view of still another thread.

In Figs. 1 and 2, a piece of blue cloth 10 is illustrated sewn with a thread 11 constructed in accordance with this invention. It should be noted that the thread 11 is clear and transparent. For this reason it is possible to look right through it and see the blue color of the cloth 10.

In Fig. 3 a piece of cloth 10' of brown color is shown stitched with the transparent thread 11. It should be noted that we can look through the thread 11 and see the brown color of the cloth 10'. For this reason the transparent thread takes on the color of the material upon which it is used. One thread may therefore be used to sew materials of all colors.

In Fig. 4 a detail of the thread 11 is shown. It should be noted that this thread is circular in transverse cross section and is clear and shiny.

In Fig. 5 a modified form of thread 11^a is disclosed which is of tubular construction, and which is translucent and of a mat, dull finish.

In Fig. 6 a thread 11^b is illustrated which is semi-clear and semi-transparent. It is in the nature of a tubular thread which has been pressed flat. The feature of this ribbon-like thread resides in the fact that it will not magnify the material beneath it.

In Fig. 7 a thread 11^c is illustrated made from a plurality of strands twisted together. Each of these strands is of transparent material.

In Fig. 8 a thread 11^d is shown of ribbon-like construction. This thread is also transparent.

It is proposed that the various transparent and translucent threads be made of flexible plastic material.

While I have illustrated and described the preferred embodiments of my invention, it is to be understood that I do not limit myself to the precise constructions herein disclosed and the right is reserved to all changes and modifications com-

ing within the scope of the invention as defined in the appended claim.

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

An article of cloth or natural textile fabric of any color, sewed or stitched with thread comprising a strand or filament passed through interstices or openings therethrough composed of substantially transparent material of plastic adapted to blend with the color of the cloth or fabric and to simulate color thereof, whereby there will be no contrast between the cloth or fabric and the thread or strand or filament of such plastic material and to blend with and appear of the same color or shade as the cloth or fabric.

JOHN IRWIN, JR.

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