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A. D. BEAVIN

2,370,440

SEAM RIPPER

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Fig. 1.

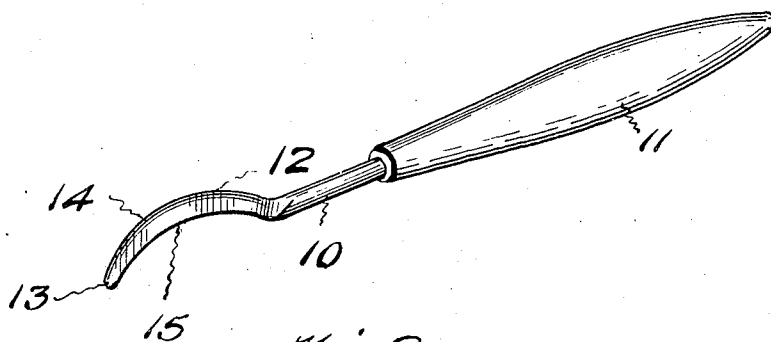


Fig. 2.

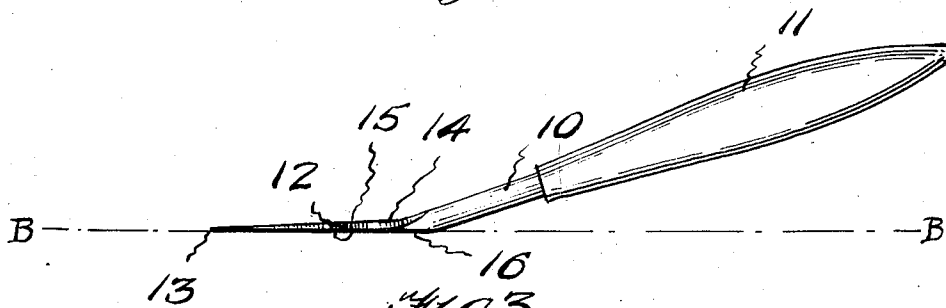


Fig. 3.

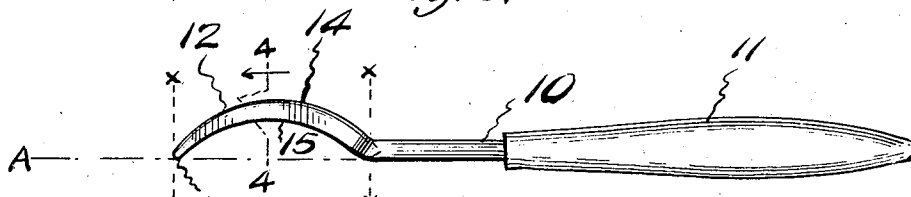


Fig. 4.

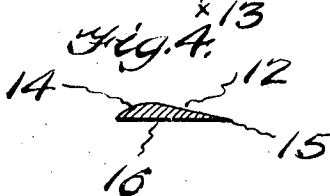
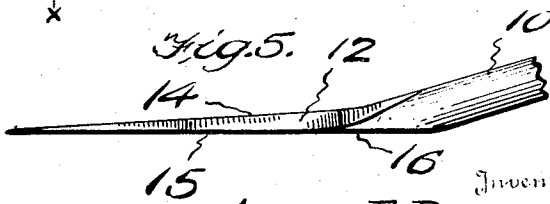


Fig. 5.



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SEAM RIPPER

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2 Claims. (Cl. 30—289)

This invention relates to a seam ripper and has for one of its objects the production of a simple and efficient tool having a specially constructed blade which is designed to facilitate the insertion thereof into cutting engagement with the stitching thread for severing the thread and without danger of injuring the material from which the stitching is being ripped.

Another object of this invention is the production of a seam ripper having an elongated curved hook-like blade which is sharpened toward its end and along the concave edge of the curved blade and is flat on its bottom face, the shank of the blade being inclined upwardly thereby providing a blade which may be easily inserted into a seam or under a hem or fold and drawn against the stitching so as to cut the stitching without harm to the stitched material.

Other objects and advantages of the present invention will appear throughout the following specification and claims.

In the drawing:

Figure 1 is a perspective view of the seam ripper;

Figure 2 is a front view thereof;

Figure 3 is a top plan view;

Figure 4 is a transverse sectional view taken on line 4—4 of Figure 3;

Figure 5 is an enlarged front edge view looking at the sharpened concave edge of the cutting blade of the seam ripper.

By referring to the drawing, it will be seen that 10 designates the shank of the seam ripper or tool which shank is fitted into a suitably designed handle or grip 11. The shank 10 terminates in a hook-like blade 12, the outer rounded apex 13 of which is in longitudinal alignment with the outer side edge of the shank 10, as will be observed by noting the indicating dotted line A in Figure 3. The blade 12 is beveled or sharpened upon its upper face from a point near the rear convex edge 14 toward the concave cutting edge 15, as shown in detail in Figure 4. The blade 12 also tapers upon its upper face from the shank 10 toward the apex 13, as shown in the enlarged detail view Figure 5. The shank 10 is included upwardly relative to the longitudinal axis of the blade 12 so as to permit the hand of an operator gripping the handle or grip 11 to clear the work which may lie upon a support indicated by the dotted line B—B in Figure 2. The blade 12 is provided with a flat under face 16 and the shank 10 extends upwardly at an incline to this flat under face 16, as is shown in Figures 2 and 5.

Because of the fact that the apex 13 is in line with the front side edge of the shank 10, the operator will be enabled to easily gauge the location of the apex 13 under a seam, fold or hem and the wedge shape, or longitudinal as well as transverse taper of the blade 12, and also its hook shape will facilitate the insertion of the blade into cutting engagement with the stitching thread. The flat under face 16 will slide freely upon the face of the material from which the seam, fold or hem is being ripped, and because this bottom face 16 is flat the cutting edge 15 will not tend to cut the material but will slide over the face of the material and will cut the thread with a shearing action. The shank 10 by being inclined upwardly relative to the blade 12 will permit the hand of an operator to clear the work or material and facilitate the ripping of a seam without rumpling or marring the material.

The blade 12 is preferably tempered between the points indicated by the two parallel dotted lines x—x in Figure 3. It should be understood that the present tool is simple in construction and may be manufactured at a minimum cost and because of its structure the tool may be easily and quickly inserted into contact with a stitching thread for cutting the thread. It should also be noted that the flat face 16 provides a flat runner face for sliding the tool upon the face of material from which the seam, fold or hem is being removed.

It should be further understood that certain detail changes in the construction of the tool may be employed without departing from the spirit of the invention so long as such changes fall within the scope of the appended claims.

Having described the invention, what I claim as new is:

1. As an article of manufacture, a seam ripper comprising a cutting blade, a shank inclined at an angle upwardly relative to the longitudinal axis of said cutting blade, said cutting blade being curved laterally of the shank and wholly offset relative to said shank, said blade tapering from the shank toward the outer end of said blade, and also tapering from one side edge toward the opposite side edge to provide a cutting edge upon one side and at the end of said blade, and said blade having a flat under face.

2. A device of the class described comprising a hook-shaped cutting blade having a convex rear edge and a concave front edge, said blade being tapered transversely from the rear toward the front edge, a shank extending upwardly at an in-

cline relative to the longitudinal axis of said blade, the blade having a flat bottom and tapering upon its upper face from the shank toward the end of the blade to define a tapering apex at the outer extremity of the blade, the blade being curved laterally of the shank and said apex being in line with one side of the shank thereby locating the blade wholly in a lateral

off-set position relative to said shank, the flat bottom facilitating the sliding of the blade into a cutting position relative to the stitching thread holding a seam, fold, hem, and the like, and the tapered hook-shaped blade facilitating the insertion and cutting of the thread.

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