C. W. NEWTON.

SEAM RIPPER.

APPLICATION FILED JUNE 8, 1908.

**923,567.** Patented June 1, 1909.

FIG. 2

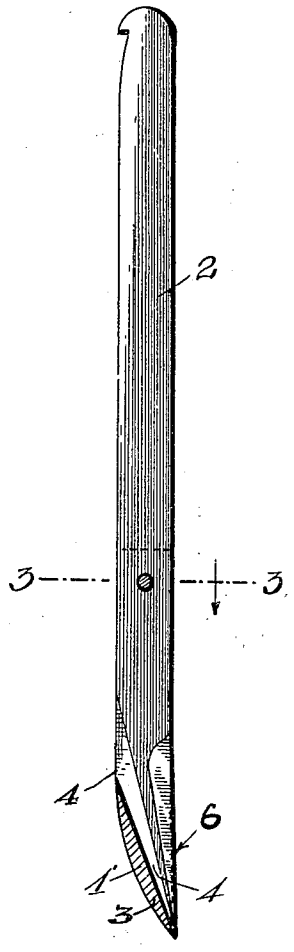



FIG. 1

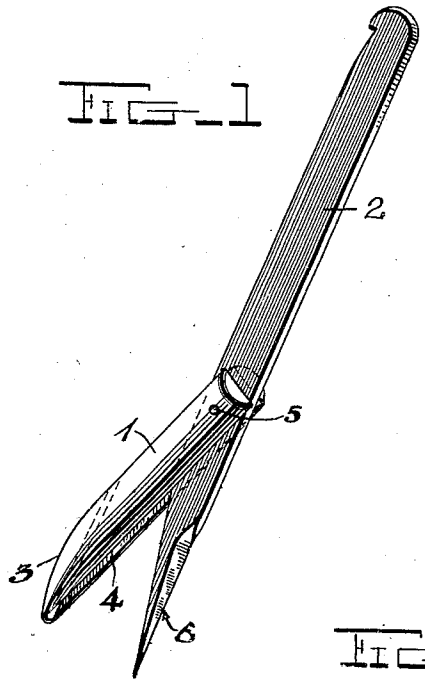
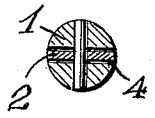



FIG. 3




Witnesses

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# UNITED STATES PATENT OFFICE.

CHARLES WILLARD NEWTON, OF KANSAS CITY, KANSAS.

## SEAM-RIPPER.

No. 923,567. Specification of Letters Patent. Patented June 1, 1909.

Application filed June 8, 1908. Serial No. 437,415.

*To all whom it may concern:*

Be it known that I, CHARLES WILLARD NEWTON, a citizen of the United States of America, residing at Kansas City, in the county of Wyandotte and State of Kansas, have invented certain new and useful Improvements in Seam-Rippers; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention has relation to new and useful improvements in seam rippers, and has for its object to provide a simple and inexpensive device of this character through the use of which all liability of cutting the cloth during the operation of ripping seams is obviated.

With the foregoing and other objects in view, that will readily appear as the nature of the invention is better understood, the invention consists of certain novel features of construction, combination and arrangement of parts illustrated in the drawings, and particularly pointed out in the appended claims.

In the accompanying drawings: Figure 1 is a perspective view of a seam ripper, constructed in accordance with the invention, the cutting blade partly open. Fig. 2 is a central longitudinal sectional view; and Fig. 3 is a cross sectional view, cut in the line 3—3 of Fig. 2.

In the embodiment illustrated, and in accordance with the invention, the seam ripper comprises two members, namely, a guard and cutting blade or knife 1 and 2, respectively. The guard is made substantially in the form of a shuttle being of approximately cylindrical form in cross section at its inner end and beveled upon its under surface and at opposite sides at its outer end to provide a rounded tapering outer end portion 3. The guard is also provided with a central longitudinal slot 4 which extends entirely through the width of the guard from the inner end thereof to the inner end of said rounded tapering portion and through a portion of the tapering portion of the guard, leaving an inclined wall 4′ which extends from the inner end of the rounded tapering portion of the guard to the extreme outer end and upper surface thereof. The cutting blade is preferably formed of a flat piece of steel or other suitable metal and is pivoted intermediate its ends, as at 5, in the slot and at the inner end of the guard. Said blade is beveled upon its outer edge at its pivoted end to form a straight cutting edge 6 and at said end and at its lower edge from a point somewhat beyond the inner end of the wall 4′ to the extreme outer end and edge of the blade. Said cutting blade is also notched out near its free end, as at 7, to provide a hook or catch for use in pulling out the thread.

In practice, the knife is placed in proper position for ripping and pushed forwardly by means of the thumb and forefinger under the thread to be cut and owing to the construction of the guard, liability of cutting the cloth is entirely obviated.

Having thus described and ascertained the nature of my invention, what I claim as new and desire to secure by Letters Patent is:

1. In a seam ripper, an approximately cylindrical guard having a rounded tapering end portion and a central longitudinal slot which extends through the entire width of the guard and from the opposite end thereof to the inner end of the rounded tapering portion and also through a portion of the latter, leaving a wall at the tapering portion of the guard, and a cutting blade pivoted in the slot and at the inner end of the guard and provided with an outer cutting edge, the wall at the tapering end of the guard forming a stop to limit inward swinging movement of the cutting blade.

2. A seam ripper comprising an approximately cylindrical guard beveled upon its under surface and at opposite sides at one end to provide a rounded tapering outer end portion, said guard being slotted longitudinally through its entire width from its inner end to a point at or near the inner end of said tapering portion and through a portion of the latter, leaving an inclined wall between the inner end of said tapering portion and the extreme outer end and outer surface of the guard, and a cutting blade pivoted in the slot and at the inner end of the guard, the pivoted end of the blade having an outer cutting edge and beveled at its inner edge from a point beyond the inner end of the rounded portion of the guard to its extreme outer end and upper edge.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

CHARLES WILLARD NEWTON.

Witnesses:

E. S. HERIDER,

A. B. ANDERSON.