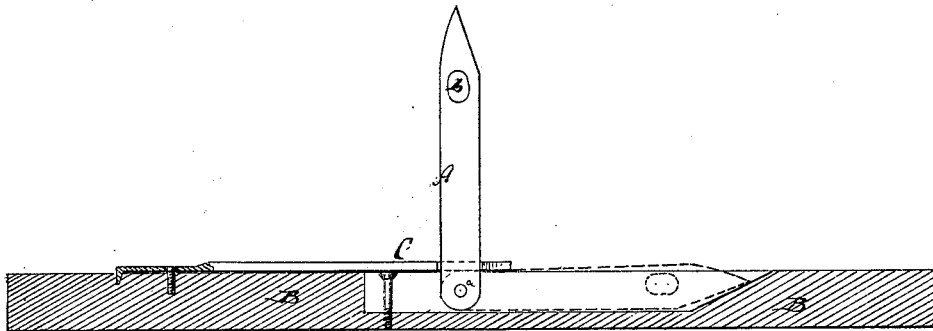


*J. A. Russell,*  
*Rag Looper.*

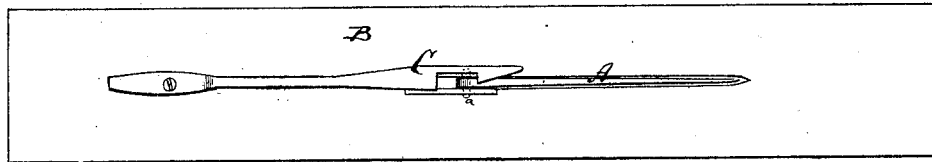
*No. 111,977.*

*Patented Feb. 21, 1871.*

*Fig. 1.*



*Fig. 2.*



**Witnesses:**  
*John Beecher,*  
*Paul J. Koenig*

**Inventor:**  
*J. A. Russell*  
**PER** *Mumford*  
**Attorneys.**

# United States Patent Office.

DANIEL A. RUSSELL, OF WINDHAM, OHIO.

Letters Patent No. 111,977, dated February 21, 1871.

## IMPROVEMENT IN IMPLEMENTS FOR SLITTING AND LOOPING RAGS FOR CARPETS.

The Schedule referred to in these Letters Patent and making part of the same.

### *To all whom it may concern:*

Be it known that I, DANIEL A. RUSSELL, of Windham, in the county of Portage and State of Ohio, have invented a new and improved Carpet-rag Looper and Seam-Ripper; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 represents a longitudinal section of my invention.

Figure 2 is a plan or top view of the same.

Similar letters of reference indicate corresponding parts.

This invention relates to a new apparatus for connecting the ends of woolen or other rags preparatory to the weaving of the same into rag-carpet.

The invention consists in the use of a perforated knife-blade, which is pivoted to a block and held in an upright position thereon by a spring catch.

A in the drawing represents a knife-blade of suitable length, pointed at one end and ground to a sharp edge on one side.

The non-pointed end of the knife is, by means of a pin, *a*, pivoted to a block or board B.

The said board is grooved or slotted to allow the

knife to be folded into it, as shown by dotted lines in fig. 1, so that the cutting edge is hidden in case the knife is not used.

C is a spring catch, secured to the face of the block B to hold the knife in an upright position when in use.

The knife-blade has an aperture, *b*, some distance below its point, as shown.

Two strips of rags to be united are overlapped, and their overlapping parts placed upon the point of the knife, and then drawn down to let the knife pierce the same. The end of the lower strip is then drawn through the opening *b*, and then the strips are drawn off the knife, so that they will both pass over the aforementioned end. In this manner the ends of the strips are properly united or "looped" preparatory to the weaving of said strips into a carpet.

The same knife can also be used to rip seams and for other suitable purposes.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

The pivoted knife A, provided with an aperture, *b*, for uniting carpet-rags, as set forth.

DANIEL A. RUSSELL.

Witnesses:

T. O. ANGEL,  
ALANSON JAGGER.