

L. P. CONVERSE.

Improvement in Combined Carpet-Rag Cutters and Loopers.

No. 128,857.

Patented July 9, 1872.

Fig 1.

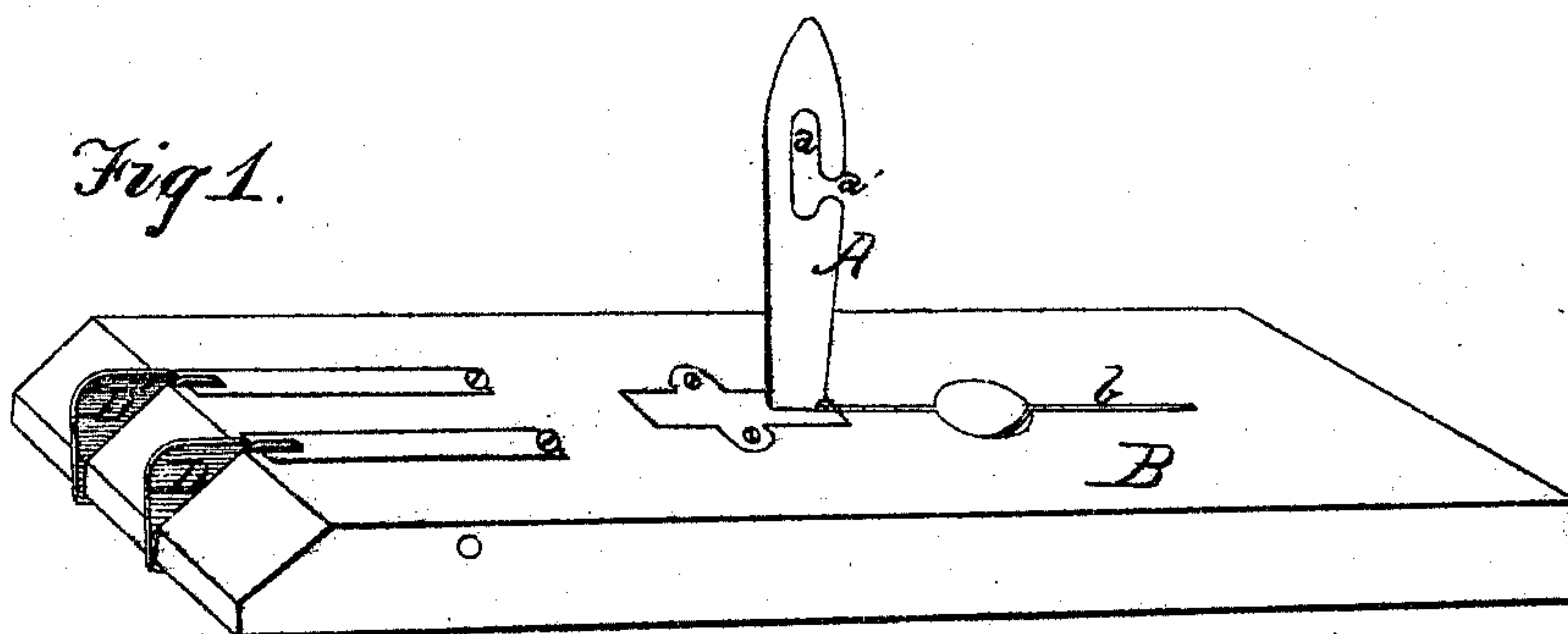
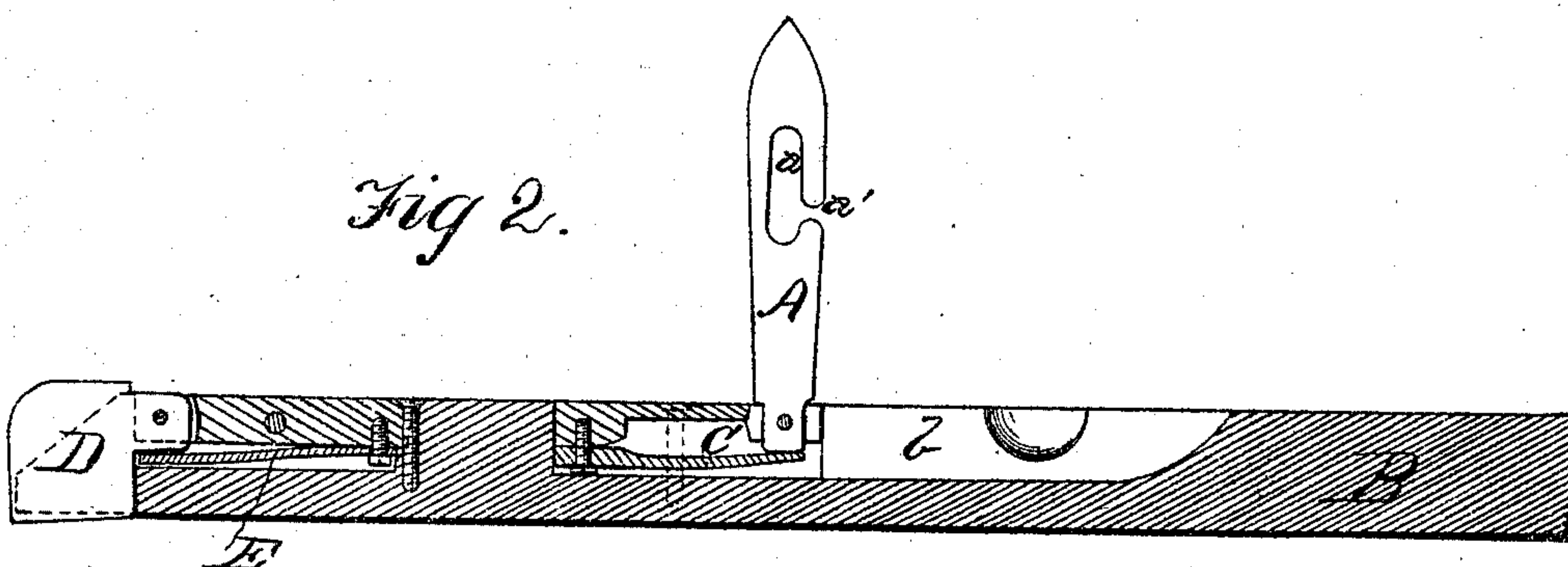


Fig 2.



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UNITED STATES PATENT OFFICE.

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IMPROVEMENT IN COMBINED CARPET-RAG CUTTERS AND LOOPERS.

Specification forming part of Letters Patent No. 128,857, dated July 9, 1872.

Specification describing a certain Improvement in Carpet-Rag Looper, invented by LYMAN P. CONVERSE, residing at Greenville, in the county of Darke and State of Ohio.

This invention relates to that class of devices which are used for looping or uniting strips of rags as a preliminary to weaving them into carpets, &c., and which are composed of a sharp-pointed knife-blade, attached to a suitable base and provided with an eye for the introduction, above the lapped ends of two strips pierced by the knife, of the other end of the lower strip, for the purpose of forming the loop on drawing the lapped ends off the knife. My improvement consists in combining with such a looper a pair of knives, which are suitably attached to its base and used for cutting pieces of rags into strips of required width, preparatory to tying the rags together.

Figure 1 is a perspective view of my improved device. Fig. 2 is a longitudinal section thereof.

The same letters of reference are used in both figures in the designation of identical parts.

The looper A is a knife-blade with a sharp point, and ground to a cutting-edge on one side. From near the lower end of the eye *a* a lateral slot, *a'*, extends to the edge of the blade, as shown, through which slot the end

of the strip of rag is introduced into the eye by drawing it in sidewise. The looper is pivoted to the base B, bearing against a spring, C, in manner like a blade of a pocket-knife. A groove, *b*, is cut in the board B, into which the looper may be folded when not in use. D and D' refer to a couple of short knives, pivoted in slots near the end of the base B, through which, when they are in the position shown in the drawing, they project far enough with their cutting-edges to pass through the thickest rags. The shanks of these knives bear against springs E, by which they are actuated in their down stroke in cutting rags.

In operating the knives, the device is placed upon the rag to be cut, and the latter drawn from under it as fast as cut.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combined carpet-rag cutter and looper, composed of the base B, knives D D', and looper A, substantially as specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

LYMAN P. CONVERSE.

Witnesses:

D. P. HOLLOWAY,
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