

(No Model.)

J. GÉRARD.
CARPET RAG LOOPER.

No. 524,435.

Patented Aug. 14, 1894.

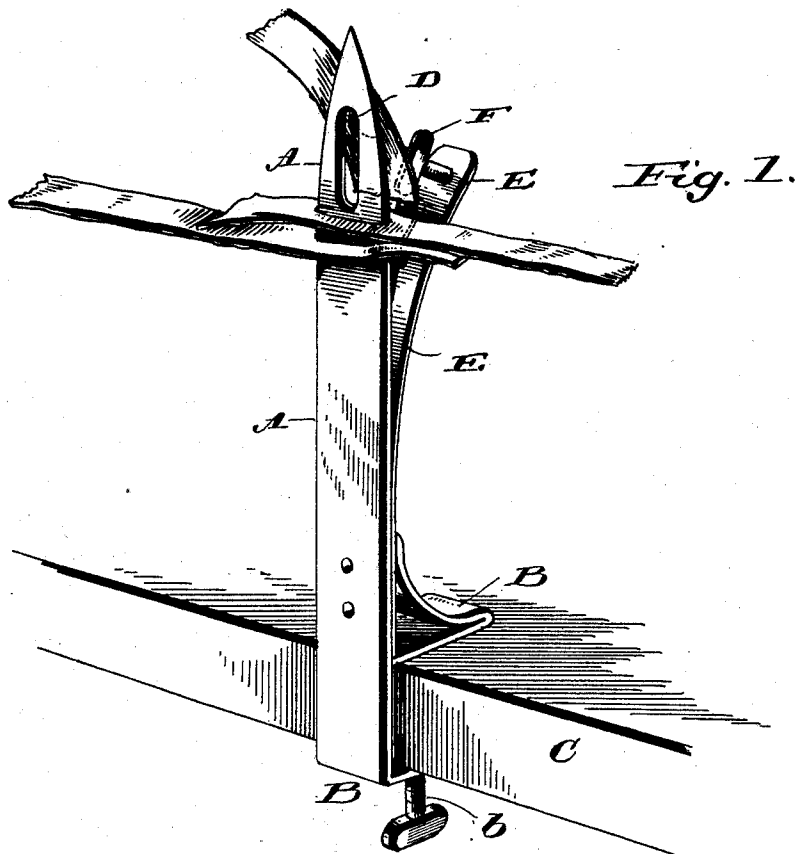


Fig. 2.

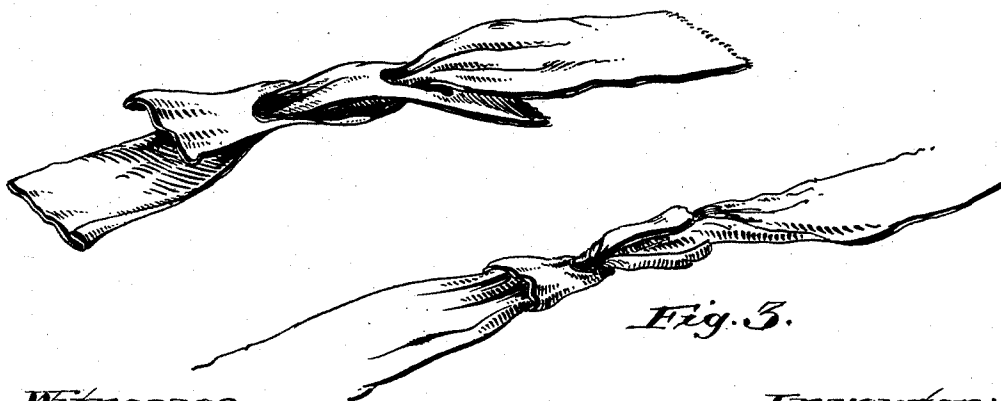


Fig. 3.

Witnesses:
L. C. Mills.
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Inventor:
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UNITED STATES PATENT OFFICE.

JOSEPH GÉRARD, OF BRADFORD, ASSIGNOR OF ONE-HALF TO HENRY VAUPEL, OF ASHTON, ILLINOIS.

CARPET-RAG LOOPER.

SPECIFICATION forming part of Letters Patent No. 524,435, dated August 14, 1894.

Application filed May 3, 1894. Serial No. 509,980. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH GÉRARD, a citizen of the United States, residing at Bradford, in the county of Lee and State of Illinois, have
5 invented certain new and useful Improvements in Carpet-Rag Loopers; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable
10 others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to certain new and
15 useful improvements in carpet loopers or knotters whereby the well known weaver's knot may be made by the use of my improved invention, in fastening the ends of carpet rag strips of cloth preparatory to weaving the
20 same.

In my invention I provide an upright slotted needle having a clamping portion for attachment to a table leaf, and by means of a spring actuated portion carrying a lug which, under
25 stress of the spring, is adapted to pass through the slot by which means the end of the strip of cloth is pushed through in the process of forming the loop.

To these ends and to such others as the invention may pertain, the same consists in the novel construction and adaptation of the device as will be hereinafter more fully described and then specifically defined in the appended claim.

35 I clearly illustrate my invention in the accompanying drawings, which with the letters of reference marked thereon, form a part of this specification, and in which drawings—

Figure 1, is a perspective view of my looper
40 as attached to a table leaf with the two ends of the strips to be looped, overlapped and pressed down over the point of the needle. Fig. 2 is a similar view of the ends of the strips looped through the holes near the ends,
45 before the knot is drawn tight. Fig. 3, is the weaver's knot tightly drawn.

Reference now being had to the details of the drawings by letter, A, represents the vertical needle, having the integral clamping device at its base, B, with thumb screw *b* for
50 attachment to the leaf of a table C.

D is a vertical slot near the upper tapering end of the needle A, and E is a spring riveted to the lower portion of the needle, and carrying at or near its upper free end the lug
55 F, which is adapted to register with the said slot D, when the spring is pressed down against the face of the needle.

The operation of the device is as follows. The clamp being fastened to the table leaf, 60 the two ends of the strips, overlapping each other a suitable distance as illustrated, are placed upon the point of the needle, and pressed down below the slot, the end of the strip beneath the upper one, is then placed
65 over the slot in such a manner that the lug carried on the end of the spring will push it through the slot or perforation when pressure is applied to the spring. The end of the strip forced through the perforation is then caught
70 by the fingers of the operator and pulled through and then the ends are pushed off the end of the needle, the under end pulled through, thus forming the well known weaver's knot shown in Fig. 2, before drawn tight
75 as seen in Fig. 3.

Having thus described my invention, what I claim to be new, and desire to secure by Letters Patent, is—

As an improved article of manufacture, a 80 carpet rag looper comprising in combination the blade A, provided with a slot D and clamping device, a spring bar E secured to the shank of the blade and carrying near its free upper end a lug adapted to register with the slot D
85 for the purpose specified.

In testimony whereof I affix my signature in presence of two witnesses.

JOSEPH GÉRARD.

Witnesses:

OSCAR SHADE,
CHAS. C. KRUG.