

No. 697,902.

Patented Apr. 15, 1902.

F. L. TRIPP.
LINOLEUM CUTTER.

(Application filed Jan. 21, 1902.)

(No Model.)

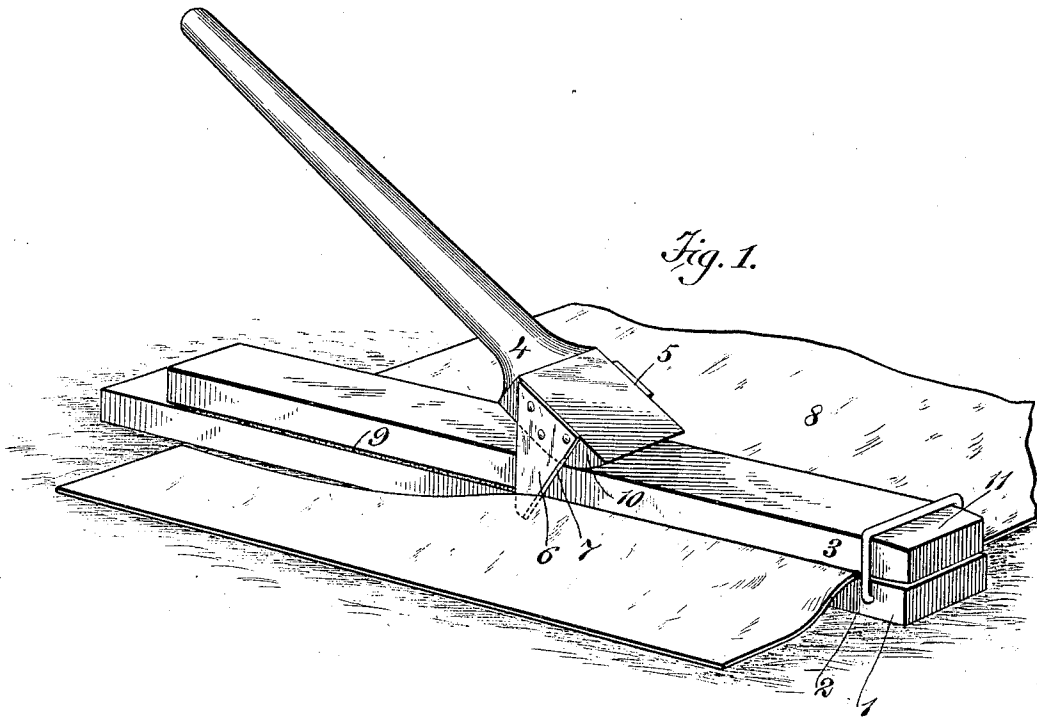
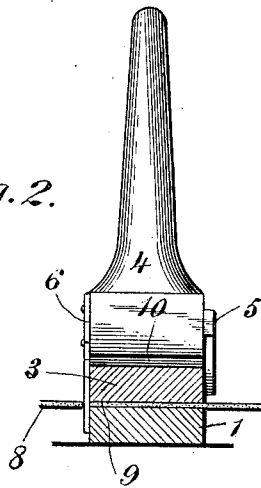


Fig. 2.



WITNESSES:

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FREEMAN LEEMAN TRIPP, OF ELLENSBURG, WASHINGTON.

LINOLEUM-CUTTER.

SPECIFICATION forming part of Letters Patent No. 697,902, dated April 15, 1902.

Application filed January 21, 1902. Serial No. 90,642. (No model.)

To all whom it may concern:

Be it known that I, FREEMAN LEEMAN TRIPP, a citizen of the United States, and a resident of Ellensburg, in the county of Kittitas and State of Washington, have invented a new and Improved Linoleum-Cutter, of which the following is a full, clear, and exact description.

My invention relates to a cutter for linoleum and similar fabrics.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of my device in use, and Fig. 2 is a vertical cross-section of the device.

A longitudinal flat bar 1 is provided with a metallic clasp 2, the same being normally free to swing relatively to said bar. Another flat bar 3 is provided and is somewhat similar to the bar 1, but is preferably a little shorter than the same. The cutter 4 is provided with a guide-plate 5 and a knife 6, the edge 7 of the knife being preferably beveled, so as to slope toward the bars. The linoleum to be cut is shown at 8, and the freshly-cut edge of the same is shown at 9. The cutter is provided with a rounded rocker-like portion 10, which is free to rock upon the upper portion of the bar 3. The bar 3 is provided with a bevel 11 for the purpose of enabling the clasp 2 to be readily passed upward over the end of the bar.

My invention is used as follows: The bar 1 is placed upon the floor, the linoleum is laid loosely upon this bar, and the bar 3 is placed upon the linoleum, so as to register with the bar 1. The clasp 2 is now moved into the position indicated in Fig. 1, and the other ends of the bars are brought to register with each other. The operative now places his foot upon the free end of the upper bar (shown at the left in Fig. 1) and loosely places the cutter upon the top bar, as indicated in said figure. He now grasps the cutter 4 and slides said cutter longitudinally along the upper bar.

The guide-plate 5 and the V-shaped knife 6 mutually coact with each other and follow the edges of both bars. The result is the device makes a true and accurate cut. The knife 6 is removable, so as to be readily sharpened or replaced by a new one when worn out.

Persons skilled in the art to which this invention relates will readily perceive its many advantages. The cutting of linoleum is easy enough as a primary proposition; but to make a straight and accurate cut, leaving a sharp smooth edge, is a difficult matter. Linoleum is a substance which does not tear easily and which does not look well except when neatly cut. It will be observed, too, that I have constructed a neat simple device which can be sold for a nominal sum and which can be operated by any person of average intelligence.

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

1. A linoleum-cutter, comprising a pair of longitudinal bars of the same width, means for tentatively securing said longitudinal bars in registry with each other upon opposite sides of the substance to be cut, and a hand-operated member of substantially the same width as one of said bars, for traveling along the surface of the same, said member being provided with a depending knife and a depending guide-plate straddling said bar and engaging the edges thereof.

2. A linoleum-cutter, comprising a pair of longitudinal bars of the same width, means for tentatively securing said bars in registry with each other upon opposite sides of the substance to be cut, and a convex member for engaging one of said bars, said convex member being provided with a knife and guide-plate for engaging opposite edges of said last-mentioned bar, and also provided with a handle, the arrangement being such that said convex member is free to rock upon the said bar which it engages.

3. A linoleum-cutter, comprising a pair of flat bars of uniform width for engaging opposite sides of the linoleum to be cut, one of said bars being provided with a clasp and the other being beveled to engage said clasp, and a cutter consisting of a manually-operated rocker-like member of the same width as one

of said bars, and provided with a guide-plate and a knife secured respectively upon its opposite sides, the arrangement being such that said member is free to travel along one of
5 said longitudinal members, said guide-plate and said knife serving to keep the same accurately in register with the edges of said bars.

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

FREEMAN LEEMAN TRIPP.

Witnesses:

J. E. FROST,

RALPH KAUFFMAN.