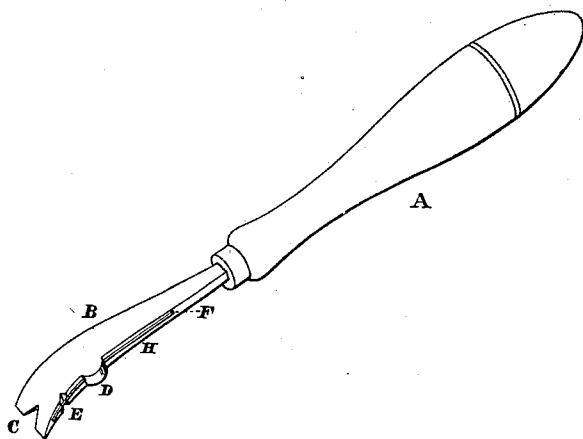


(No Model.)

M. S. LANTZ.
CARPET TACK TOOL.

No. 352,416.

Patented Nov. 9, 1886.



WITNESSES:

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A. S. Stockwell

INVENTOR

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MENNO S. LANTZ, OF CHESTNUT HILL, PENNSYLVANIA.

CARPET-TACK TOOL.

SPECIFICATION forming part of Letters Patent No. 352,416, dated November 9, 1886

Application filed December 5, 1885. Serial No. 184,805. (No model.)

To all whom it may concern:

Be it known that I, MENNO S. LANTZ, a citizen of the United States, residing at Chestnut Hill, in the county of Philadelphia and State of Pennsylvania, have invented a new and useful Improvement in Carpet-Tack Tools; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification.

This invention relates to a new and useful implement used in driving and withdrawing a carpet-tack of any construction; and it consists in forming a tack-lifter (having the ordinary prongs or claws for lifting a tack) with a notch upon one side, wherein a tack is held and released by a metallic spring, as I will proceed to describe.

The drawing represents a perspective view of the article.

A is the handle.

B is the body of the instrument, which terminates in a claw with the ordinary curved and forked end, as at C, but with a semicircular projection, D, and an angular notch, E, upon one side.

H is a metallic spring, which is fastened into a hole in the shank at F, passed through a hole in the projection D, and extended beyond the notch E, thus leaving a triangular orifice at E. The shape of the orifice and the flexibility of the spring permit the tack when slightly started into the floor to be easily released.

The tack may be put into the orifice either before or after the carpet is pushed into and held in place by the prongs or claws. The tack is then started, and the holder is withdrawn.

I am aware that a patent has been heretofore granted Gamaliel C. Myers, July 1, 1884, for an implement intended for a tack holder and lifter; but the device itself, the operation, and the utility of the instrument are essentially different from the one I desire to get patented. In Myers' patent the tack-holder and the tack-lifter are on different ends of the instrument. Moreover, it can only be used with one kind of tack, and that a peculiar one, made specially for that invention. The tack

must, besides, be held in the instrument by the finger and driven into the floor before the carpet is put down. The carpet is then pressed over the head of the tack and the tack turned to its place. In the patents granted to George Mosman, May 14, 1867, and to J. E. Sturdy, December 8, 1868, the devices, objects, and results obtained are also essentially different from those sought in the patent which is the subject of this petition. Neither of those patents is capable of being used as a tack-lifter. Mosman's is composed of four jaws, two plate-jaws making the carpet-stretcher and two spring-jaws holding and releasing the tack. Sturdy's patent is composed of two plate-jaws hinged together. The jaws are held and drawn together by a rubber band, which encircles them. In both of these patents the main device is the carpet-stretcher, the spring-jaws in the one and the rubber band in the other, which render them useful as tack-holders, being auxiliary to the carpet-stretchers. The spring-jaws operate so distinct from the office of the carpet-stretcher as to require in effect the necessary mechanism for two instruments, save the handles—to wit, one set of jaws for the carpet-stretcher and another set for the tack-holder. The rubber band in the other patent performs no office to the carpet-stretcher and no direct office to the tack-holder, but merely pulls the separated jaws together. On the other hand, as a tack-holder my instrument does away with all jaws and the simple spring, unlike the rubber band, performs a primary office from the beginning to the end of all the operations as a tack-holder. The spring could not work alone, as in Mosman's patent; neither is the spring a separate mechanism from the holder, as in Sturdy's patent.

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

As a new article of manufacture, the carpet-tack tool composed of a tack-lifter having the ordinary claws or prongs for withdrawing tacks, with an angular notch and semicircular projection upon one side, in combination with the metallic spring for holding tacks, substantially as and for the purposes described.

MENNO S. LANTZ.

Witnesses:

H. GAMBLE,

W. H. VAN ARSDALE.