

(No Model.)

P. A. PETERSON.  
SEWING TOOL.

No. 419,216.

Patented Jan. 14, 1890.

Fig-1-

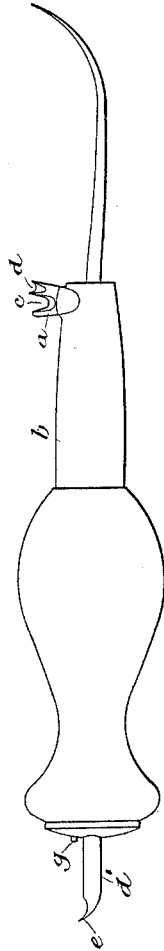


Fig-2-

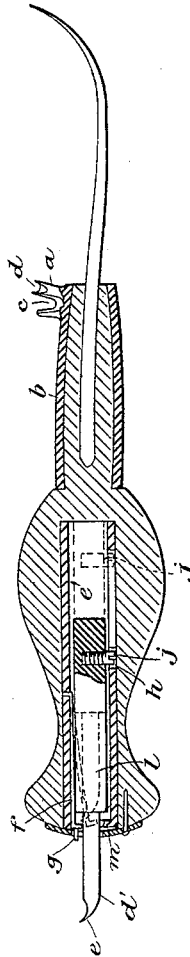


Fig-3-

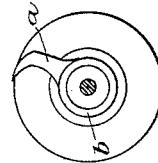


Fig-4-

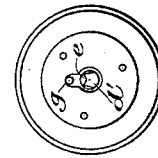
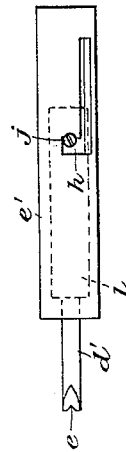


Fig-5-



WITNESSES:

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# UNITED STATES PATENT OFFICE.

PER ADOLF PETERSON, OF NEW YORK, N. Y.

## SEWING-TOOL.

SPECIFICATION forming part of Letters Patent No. 419,216, dated January 14, 1890.

Application filed April 15, 1889. Serial No. 307,375. (No model.)

To all whom it may concern:

Be it known that I, PER ADOLF PETERSON, a citizen of the United States, residing at New York city, in the county and State of New York, have invented certain new and useful Improvements in Shoe-Makers' Sewing-Awls; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention consists of a sewing-awl provided with lasting-tack-drawing attachments, whereby the operator can use the awl for drawing the tacks as the sewing progresses, and thus avoid the necessity of exchanging the awl for the pinchers and the pinchers for the awl again each time the tacks have to be drawn, and the contrivance is also such as to provide a more handy and convenient instrument for drawing the tacks than the pinchers, and so that the awl-handle is held and used in the same manner for drawing the tacks as for the use of the awl, and the tool does not have to be changed in the hand, all as hereinafter fully described, reference being made to the accompanying drawings, in which—

Figure 1 is a side view of my improved awl. Fig. 2 is a longitudinal section of an awl provided with my improved attachments. Fig. 3 is a detail in side elevation. Fig. 4 is an end view. Fig. 5 is a transverse section.

The essential feature of the invention consists of the laterally-projecting tack-drawing claw *a*, attached to or formed on the ferrule *b*, said claw being adapted to grip a lasting-tack anywhere along it below the head and by a little pressure of the claw by the hand against the tack, and also by rolling the claw on the shoe, said claw being suitably curved for the purpose, to hold and draw the tack more conveniently than it can be drawn with the pinchers commonly used for the purpose, besides saving the loss of time in changing from one to the other, or even changing the position of the tool in the hand, as in other compound tools. The claw is preferably located at the outer end of the ferrule; but it may of course be located anywhere along the same or be attached to the shank of the awl, and it is preferably constructed with two claw-notches of different

sizes, one *c* being for the large tacks, which are only driven a short distance into the last, and the other *d* being smaller and more particularly adapted for engaging under the heads of small tacks, sometimes used and driven in up to the head. Sometimes it happens that these small tacks are driven too far in to be so engaged by the small part of the claw, and for such cases I provide small prying-awl *d'*, with a sharp snout *e* in the upper end of the handle, adapted to be thrust deeper into the leather than the claw can well be forced to get under the heads of such deeply-sunk nails and pry them out sufficiently to enable the claw to be used subsequently.

To avoid interference of this device with the handle of the awl when in use for sewing, it is fitted to slide in a socket *e'* of the handle, in which there is also a spring-catch *f*, which engages the point when shoved back in the socket and holds the said device within the socket. The spring has a small thumb-stud *g*, by which the catch can be readily pressed back to release the prying-awl, which then readily drops out for use, and is secured in such position by a bayonet-catch *h* in the tube *e'* and a stud *j* on the awl, which stud is shifted into said catch by turning the awl. A shoulder *l* on the awl and an inwardly-projecting flange *m* of the socket-tube *e* prevent the awl from escaping from the socket.

The contrivances for controlling this awl may of course be varied at will, and it is not intended to limit the invention to the particular contrivances described and shown for the purpose herein.

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

The combined tool consisting of the sewing-awl and the laterally-projecting tack-drawing claw, said claw located about where the awl-shank enters the handle and adapted for being used with the handle in the same position in the hand as when using the awl, substantially as described.

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

PER ADOLF PETERSON.

Witnesses:

W. J. MORGAN,  
W. B. EARLL.