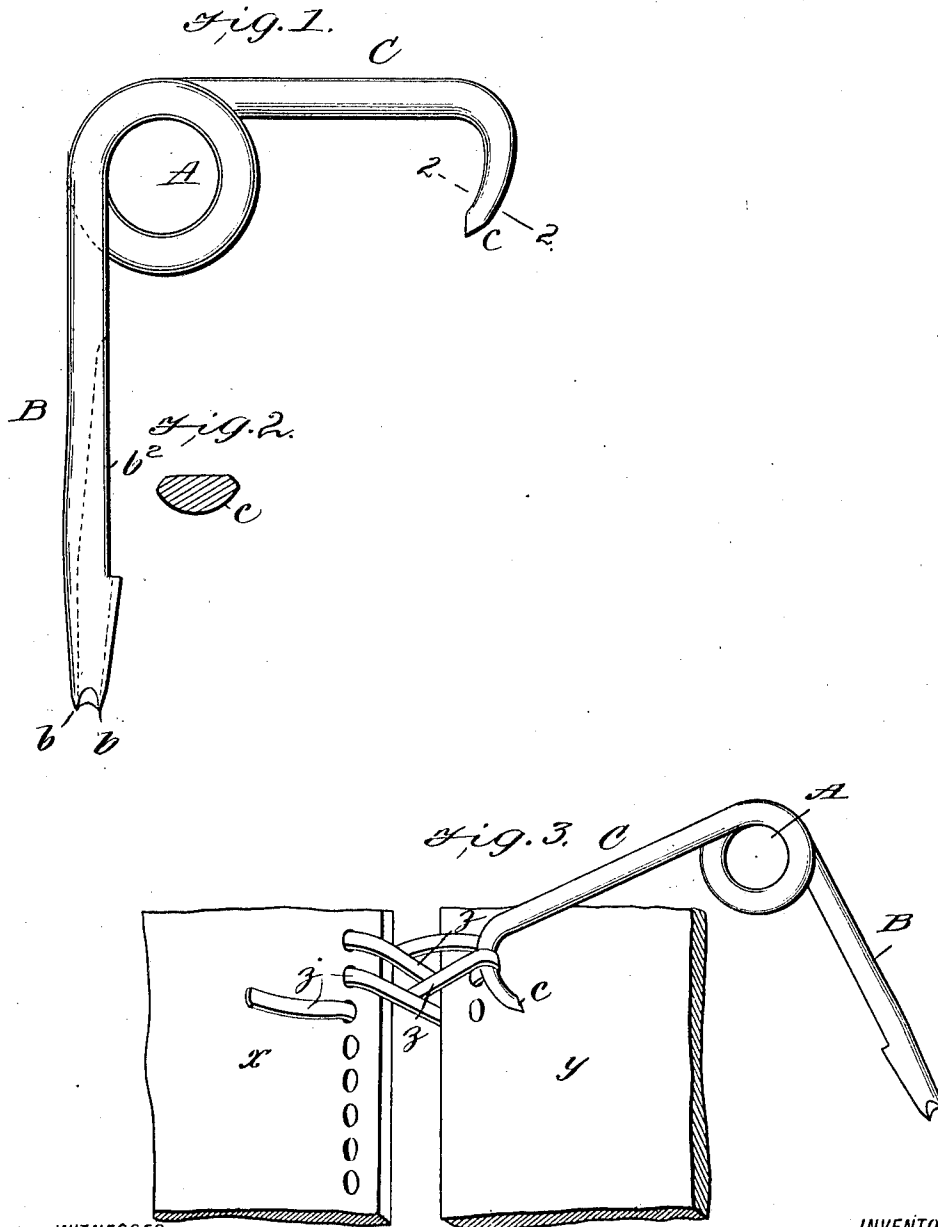


C. H. METZ.
BELT LACING TOOL.
APPLICATION FILED DEC. 2, 1908.

1,020,214.

Patented Mar. 12, 1912.



WITNESSES:
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UNITED STATES PATENT OFFICE

CHARLES HENRY METZ, OF SPOKANE, WASHINGTON.

BELT-LACING TOOL.

1,020,214.

Specification of Letters Patent.

Patented Mar. 12, 1912.

Application filed December 2, 1908. Serial No. 465,697.

To all whom it may concern:

Be it known that I, CHARLES H. METZ, a citizen of the United States, and a resident of Spokane, in the county of Spokane and State of Washington, have invented an Improved Belt-Lacing Tool, of which the following is a specification.

My invention is designed and adapted for use in punching belting and lacing or unlacing the same.

The details of construction and manner of using the device are as hereinafter described, and illustrated in the accompanying drawing, in which—

Figure 1 is a side view of the tool. Fig. 2 is a cross section on line 2—2 of Fig. 1. Fig. 3 is a perspective view illustrating the practical use of the tool.

In constructing the tool, a small straight iron bar or rod is bent and curved upon itself, at or near the middle, thus forming an eye or loop A, and the straight portions B and C are extended therefrom at right angles to each other, as shown in Fig. 1. The end of the part B is constructed hollow and with cutting edges, to adapt it for use as a punch, and the part C is curved inward to form a hook. The eye or loop A is made of such size as to conveniently receive a finger of the operator, whereby he is enabled to hold the tool with a firm grip, either of the parts B or C in such case serving as a

handle or grip according as the punch or hook is being used.

The lace hook is formed with a wide or somewhat flattened bill *c*; that is to say, it is flattened on the inner side to adapt it for contact with the lace without injury to the same. The bill also converges to a point to facilitate its insertion under a lace.

Fig. 3 illustrates the method of using the tool for lacing or unlacing a belt whose ends *x, y* are adjacent to each other. That is to say, the operator seizes the handle section B and passes a finger through the loop A, as before described, and then, by inserting the hook proper under a lace *z*, the latter may be drawn out or its slack taken up, as the case may be.

What I claim is:—

The improved belt-lacing tool comprising a metal bar coiled upon itself, at the middle, to form a loop for the purpose specified, the two parts extending from the loop at a right angle to each other, and one of them terminating in a hook that curves inward toward the other part, which other part serves, together with the loop, as a handle in using the tool, as shown and described.

CHARLES HENRY METZ.

Witnesses:

E. B. VOMASKE,
J. C. MINSHULL.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."