

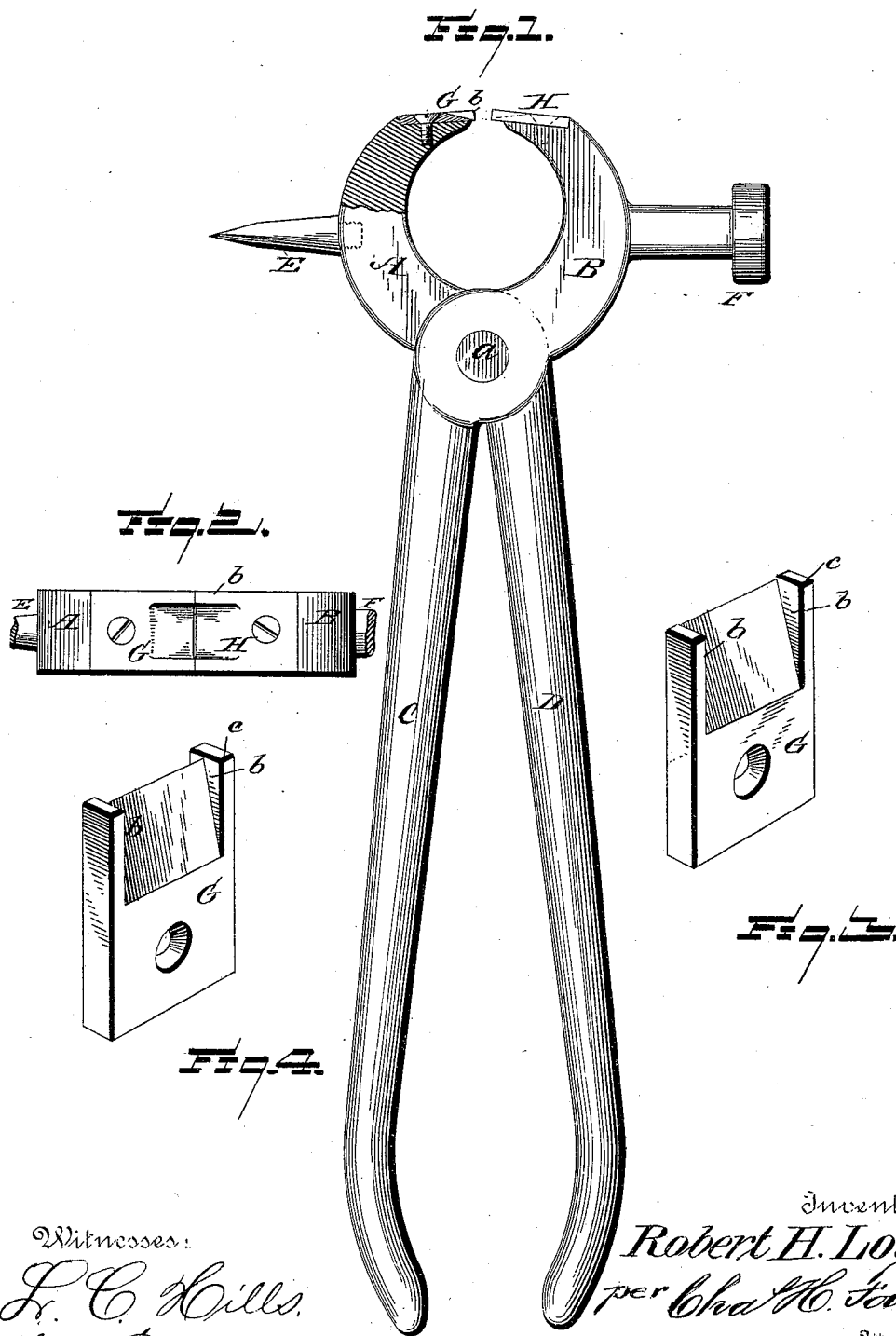
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R. H. LOVE.
CUTTING NIPPERS.

Application filed July 28, 1899.

(No Model.)



Witnesses:
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UNITED STATES PATENT OFFICE.

ROBERT HAMILTON LOVE, OF ALLEN, TEXAS.

CUTTING-NIPPERS.

SPECIFICATION forming part of Letters Patent No. 646,294, dated March 27, 1900.

Application filed July 29, 1899. Serial No. 725,493. (No model.)

To all whom it may concern:

Be it known that I, ROBERT HAMILTON LOVE, a citizen of the United States, residing at Allen, in the county of Collin and State of Texas, have invented certain new and useful Improvements in Cutting-Nippers; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters of reference marked thereon.

The present invention has relation to cutting-nippers; and it consists in certain details of construction, substantially as shown in the drawings and hereinafter described and claimed.

Figure 1 of the drawings is a side elevation with one of the jaws partly in section, showing a pair of cutting-nippers constructed in accordance with my invention; Fig. 2, an end view of the two jaws, showing the cutters; Fig. 3, a perspective view, on an enlarged scale, of one of the cutters; Fig. 4, a similar view showing a modification of the cutter.

In the accompanying drawings, A B represent the two jaws of the cutting-nippers, pivoted at a in any suitable manner, the two jaws having the usual lever-handles C D, respectively. The jaw A upon its outer edge may be provided with a solid or hollow punch E and on the opposite jaw B, directly on line with the punch, with a hammer-head F of any suitable construction. The cutters G H may be either formed integral with the jaws or formed separately and afterward secured thereto by screws, or any other suitable and well-known means may be employed for this purpose.

This tool, although capable of many uses, is particularly adapted for inserting and clenching rivets either in leather or other like material, the punch E first being forced through the material and the rivet inserted in the hole made thereby and driven through it by the hammer-head F. The bur or washer is slipped over the point of the rivet and the cutters upon the jaws of the nippers used to cut off the projecting end thereof, after which the

hammer-head is again used to clench the end of said rivet, thereby greatly facilitating the setting of rivets and burs or washers by a hand-tool. When used for setting the old-style rivet without point, the punch E may be constructed hollow or tubular in the usual manner of belt-punches, the manner of constructing the hammer-head and the punch being capable of various modifications without departing from the principle of my invention.

The cutters are provided with stationary gages b, which project very slightly beyond the cutting edge of the blade to prevent the two cutting edges coming in contact with each other when cutting and hammering, thereby serving the double purpose of gages and fenders, the gages preventing the rivet from being cut too close up to the bur or washer, and thereby leaving a sufficient material of the rivet to be clenched after it has been cut. The projecting end of the rivet after being cut will be a length equal to the distance between the cutting edge of the blade and the outer edge of the gage, as indicated at c. The gage b may extend upon one side of the cutting-blade, as shown in Fig. 3 of the drawings, or on both sides, as shown in Fig. 4, such modification not affecting the essential feature of the cutter.

Having now fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A cutting-nippers provided with cutters having stationary gages extending out beyond the sides of the cutting-blade and very slightly above the cutting edge to form both gages and fenders, substantially as and for the purpose specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

ROBERT HAMILTON LOVE.

Witnesses:

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