

D. McMILLAN.
HARNESS LOOP.

No. 182,125.

Patented Sept. 12, 1876.

Fig. 1.

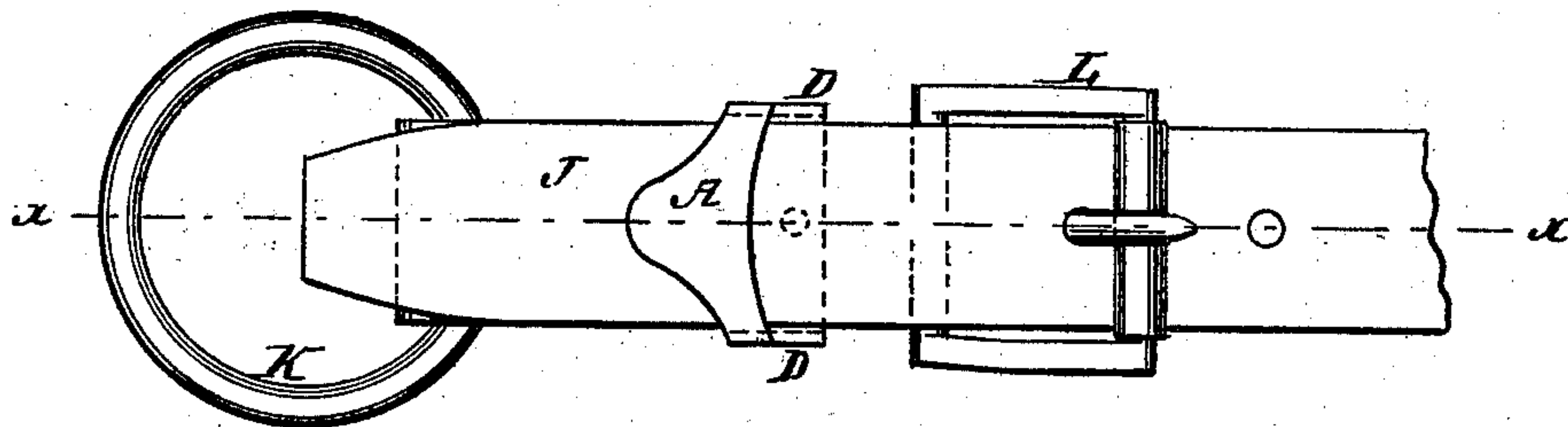
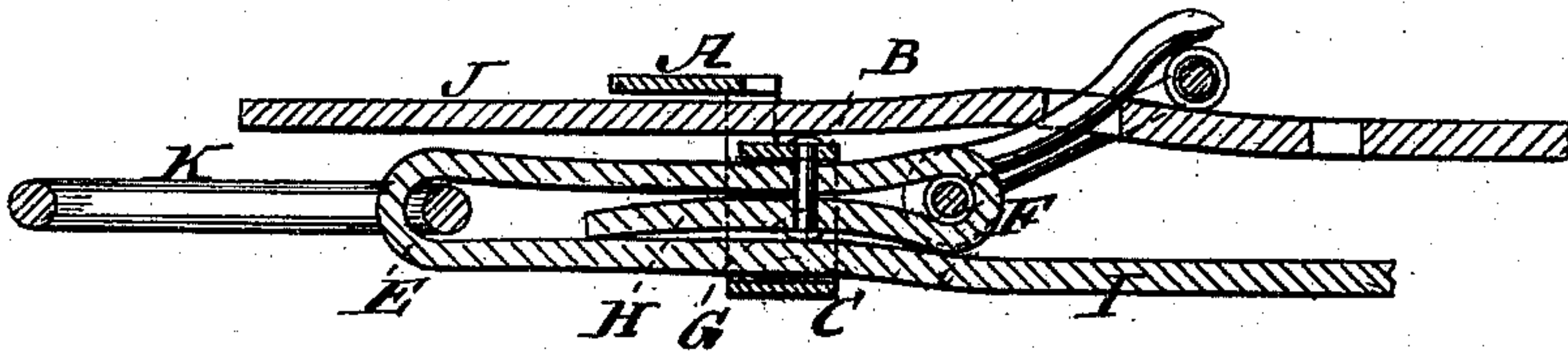


Fig. 2.



WITNESSES:

E. Hoff.
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UNITED STATES PATENT OFFICE.

DUNCAN McMILLAN, OF DODGE CENTRE, MINNESOTA.

IMPROVEMENT IN HARNESS-LOOPS.

Specification forming part of Letters Patent No. **182,125**, dated September 12, 1876; application filed May 16, 1876.

To all whom it may concern:

Be it known that I, DUNCAN McMILLAN, of Dodge Centre, Dodge county, Minnesota, have invented a new and Improved Loop for Harness, of which the following is a specification:

My invention consists of a double metal loop-fastener, adapted to fasten two loops in hame, breast, holdback, breeching, and other straps to rings and buckles without sewing the strap-loops, as they are commonly done.

Figure 1 is a plan view of my improved loop and straps and buckles secured by it; and Fig. 2 is a horizontal section taken on line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

A is the top bar; B, the middle bar; C, the bottom bar, connected by side bars D, forming my improved metal loop for the fastening of ring-strap loop E and buckle-strap loop F by a rivet or tack, G, in lieu of sewing them as is commonly done. Both members of the loop E are passed between the bars B and C of the

metal loop, and the end H is passed back between said members and through the metal loop, after passing through the buckle, and is fastened through the upper member to the bar B, and the tongue J of the buckle-strap is confined by passing through the metal loop between bars A and B. K represents a ring in a hame, breeching, or other strap, and L the buckle of the same.

By this arrangement a loop of superior strength and elegance is obtained at less cost than the common arrangement.

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

The combination of bars A B C, connected by bars D with the rivets G, as shown and described, for the purpose of holding strap-loops E F, as set forth.

DUNCAN McMILLAN.

Witnesses:

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