

(No Model.)

H. SCHLIMM.

HARNESS HIP STRAP FASTENING.

No. 245,569.

Patented Aug. 9, 1881.

Fig. 1.

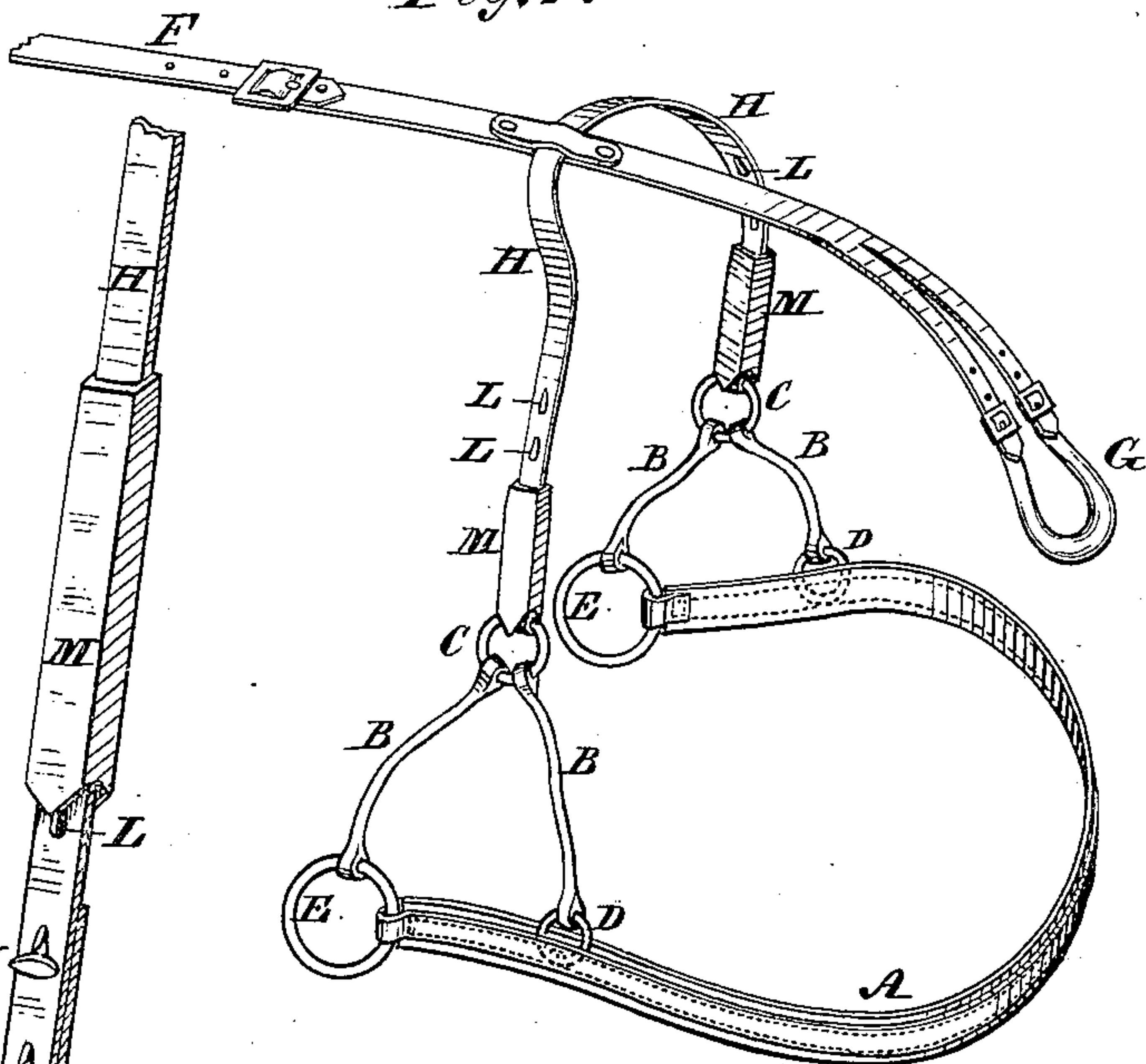


Fig. 2.

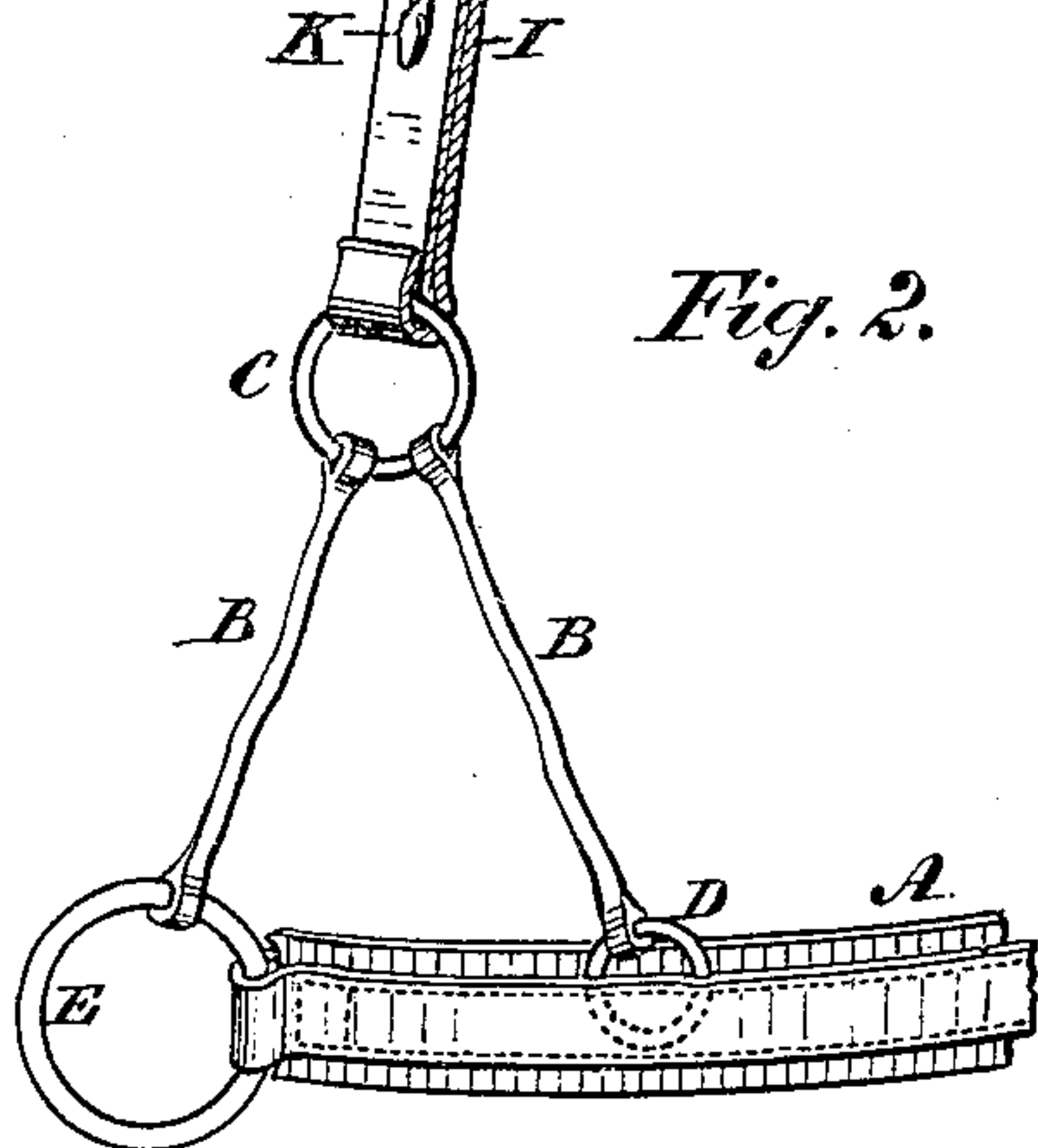
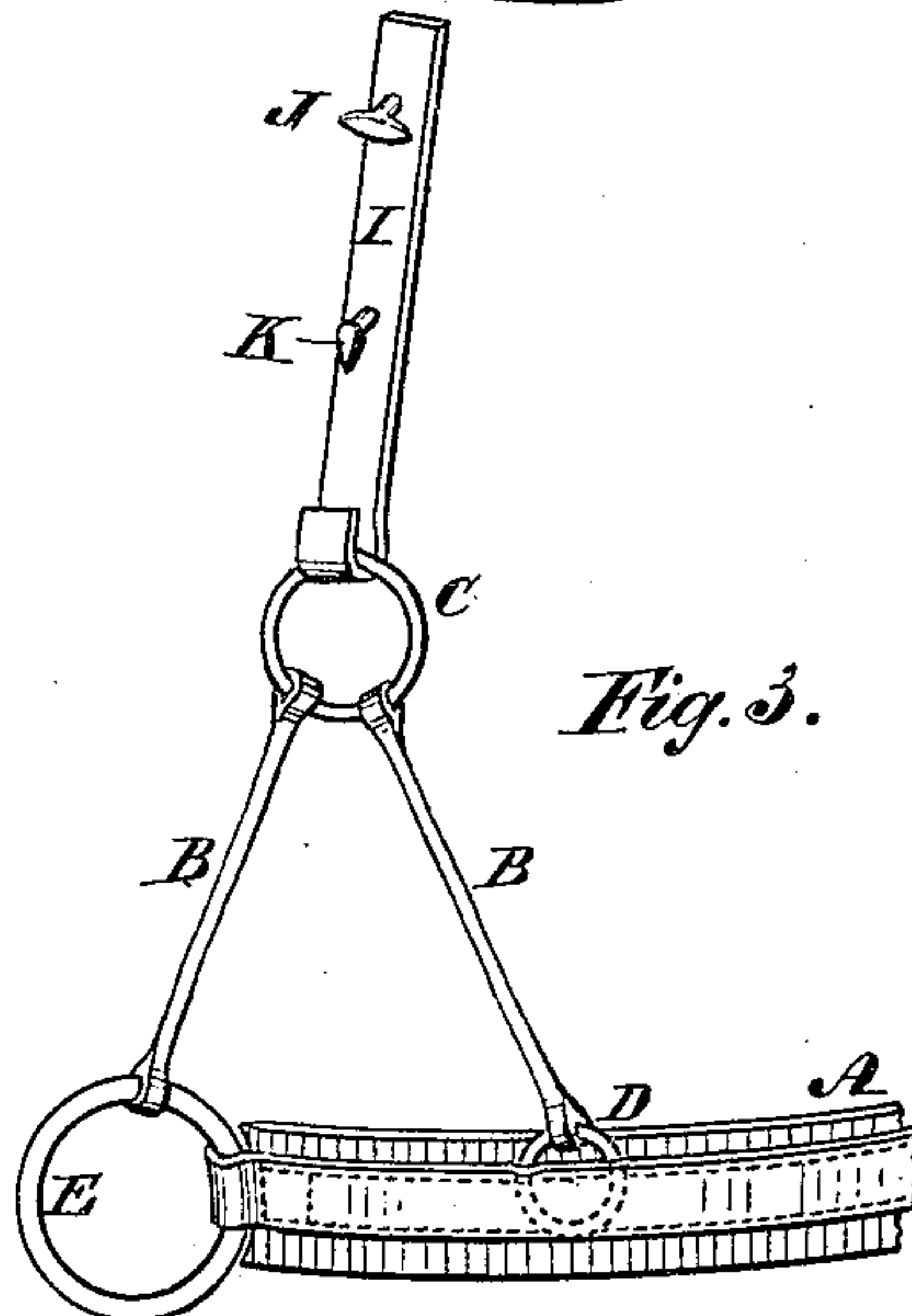


Fig. 3.



Witnesses:
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UNITED STATES PATENT OFFICE.

HENRY SCHLIMM, OF LISTOWELL, ONTARIO, CANADA.

HARNESS HIP-STRAP FASTENING.

SPECIFICATION forming part of Letters Patent No. 245,569, dated August 9, 1881.

Application filed June 13, 1881. (No model.)

To all whom it may concern:

Be it known that I, HENRY SCHLIMM, of Listowell, in the county of Perth, in the Province of Ontario, Canada, have invented certain new and useful Improvements in Harness Hip-Strap Fastenings; and I do hereby declare that the following is a full, clear, and exact description of the same.

The object of this invention is to removably connect the hip-strap to the breeching of harness, whereby cheapness of construction, improved appearance, efficiency in attachment, and durability in wear are obtained.

My invention consists of a metal strip or plate bent to hold the breeching connection, and provided with a button or head and a stud, whereby the hip-strap, having suitable holes, will lock therewith and be incased by a tubular cover sliding on the hip-strap, and prevent the tail of the horse, in switching, from catching therein and the driving-reins from fouling, as is usual with the ordinary buckling-connection.

Figure 1 is a perspective view of the rear portion of a harness with my improved hip-strap fastening. Fig. 2 is an enlarged view of the hip-strap and fastening, showing connection. Fig. 3 is a view of the fastener attached to the breeching.

A represents the breeching; B B, the supporting-straps, connected together by a ring, C, and by rings D E to the breeching.

F is the back-strap, and G the crupper, H

being the hip-straps, crossing the buttocks of a horse in the usual manner.

I is a metal strip, one end bent to hook permanently to ring C, and provided with a fixed button-head, J, near the opposite end and intermediately with a fixed stud, K. The hip-straps are perforated with elongated holes L longitudinally of the strap, to pass over the button-head, which is elongated transversely to the metal strip when the strap is turned in a coinciding direction, and when turned in alignment with the metal strip the stud will enter a lower hole and keep the parts from separating.

M is a tubular slide, of leather, contracted at the upper end to the size of strap H, and below such contraction enlarged sufficiently, whereby it will slide downward over the metal strip and cover the button-head and stud from view, the lower end bearing on the ring C.

My device can also be used for lead harness, where no breeching is required, by attaching the fastener to the traces.

I claim as my invention—

The combination of the metal strip I, provided with button-head J and rigid stud K, hip-strap H, provided with slide M, and the breeching-strap, as set forth.

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Witnesses:

J. E. TERHUNE,
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