

(No Model.)

E. ARMSTRONG.
TRACE BEARER POINT.

No. 363,192.

Patented May 17, 1887.

Fig. 1.

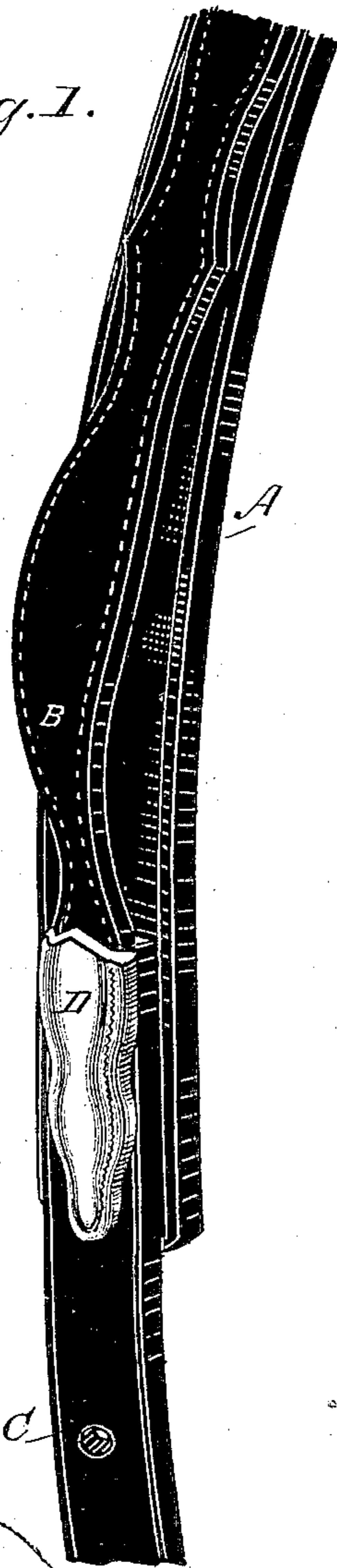


Fig. 2.

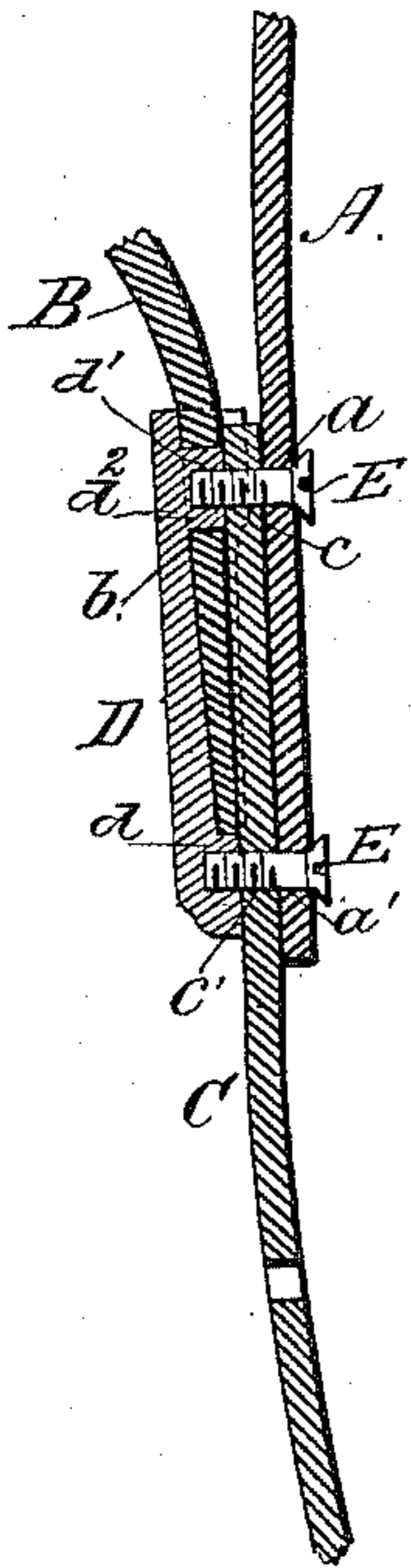


Fig. 3.

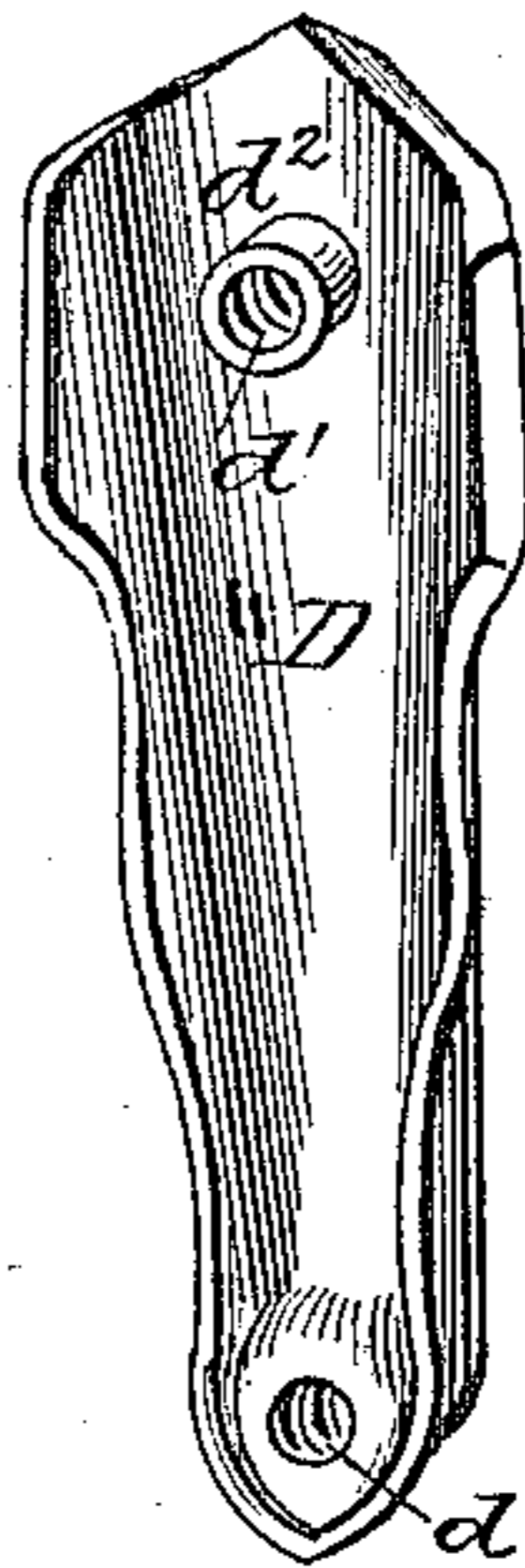
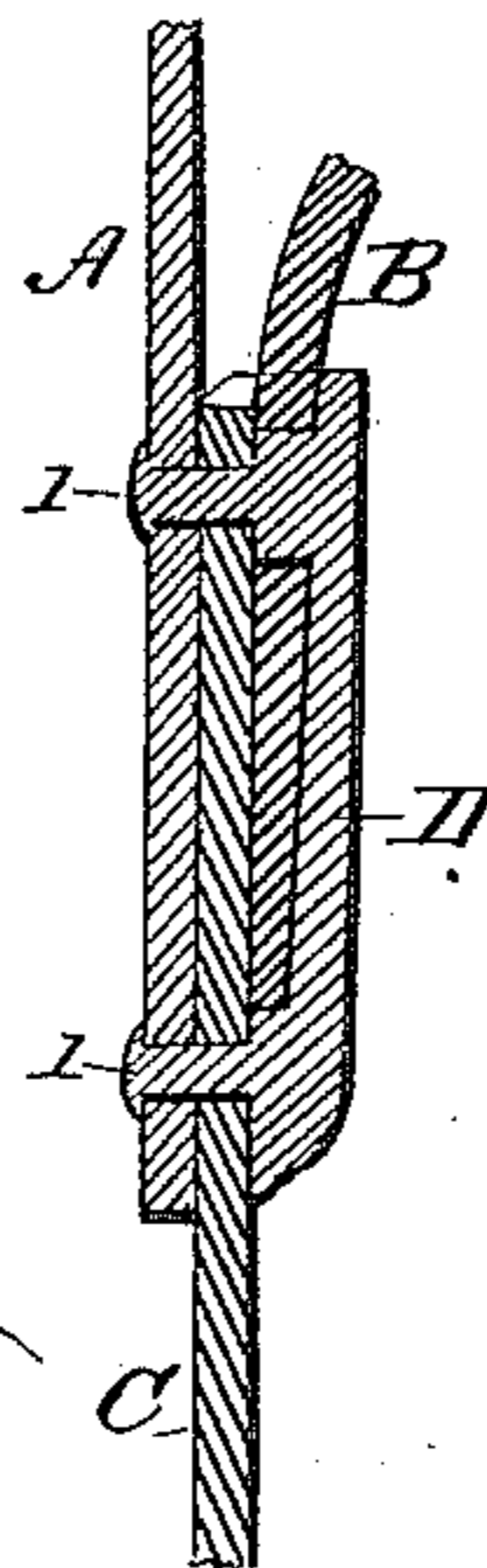
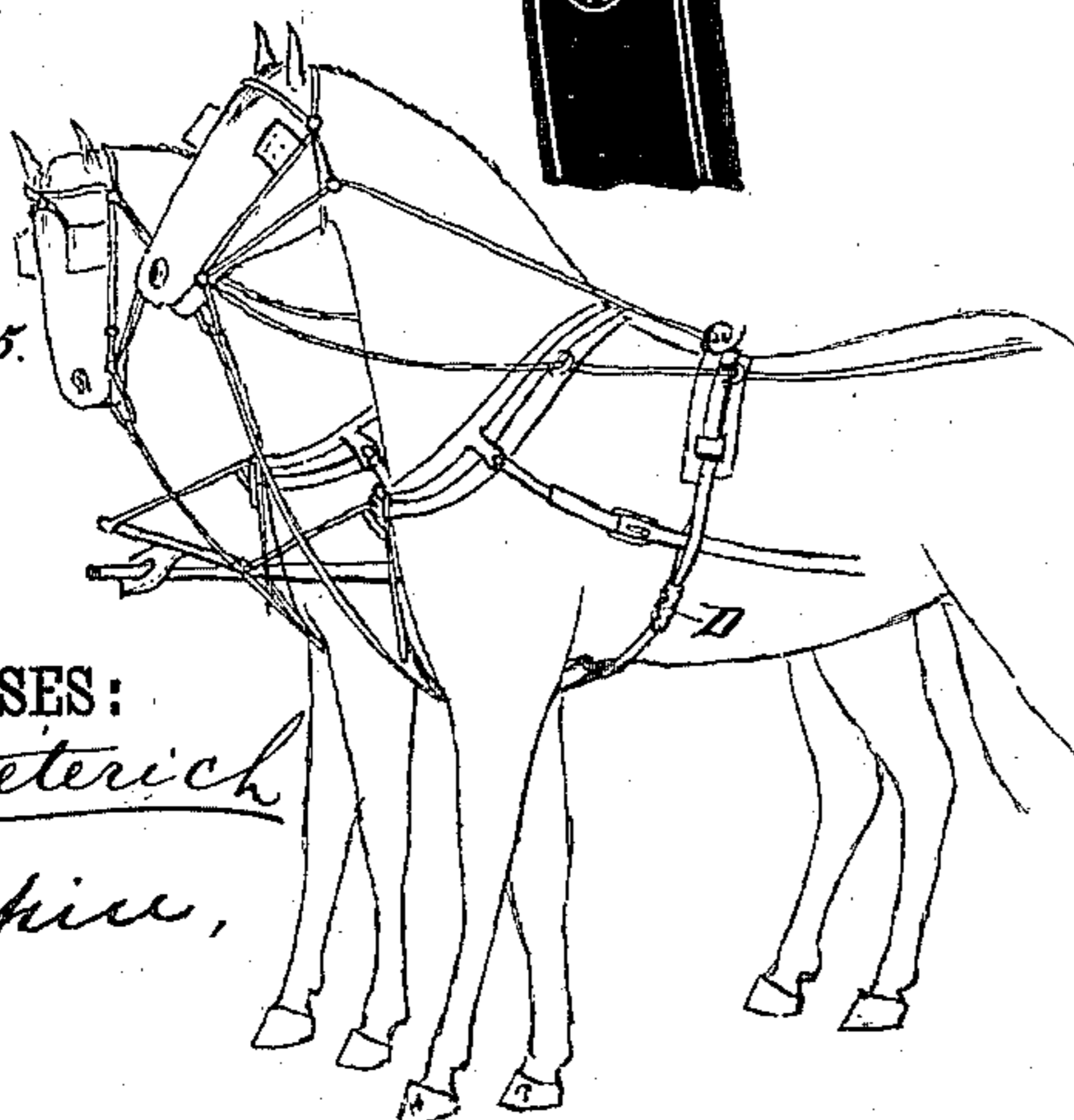


Fig. 4.



Figs.

WITNESSES:
Fred G. Dieterich
P. B. Turpin,



INVENTOR:
E. Armstrong
BY *Munn & Co.*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

EDWARD ARMSTRONG, OF BURLINGTON, KANSAS, ASSIGNOR OF ONE-HALF
TO GEORGE H. DICKINSON, OF SAME PLACE.

TRACE-BEARER POINT.

SPECIFICATION forming part of Letters Patent No. 363,192, dated May 17, 1887.

Application filed January 15, 1887. Serial No. 224,438. (No model.)

To all whom it may concern:

Be it known that I, EDWARD ARMSTRONG, a citizen of the United States, residing at Burlington, in the county of Coffey and State of Kansas, have invented a new and useful Improvement in Trace-Bearer Points, of which the following is a specification.

My invention is an improvement in double harness, pertaining particularly to an improved trace-bearer point and fastening for trace-bearers, and has for its object to provide a simple and ornamental construction by which to secure the end of the trace-bearer to the skirt of the pad so it will not be liable to become detached, and also at the same time to serve to unite the girth-billet to said skirt, such connection being easily detachable for any desired purpose, all as will be described.

The invention consists in certain features of construction and novel combinations of parts, as will be hereinafter described and pointed out in the claim.

In the drawings, Figure 1 is a perspective view of my improvement. Fig. 2 is a partial longitudinal section drawn through the point-plate. Fig. 3 is a detail view of the plate as adapted to receive the points of screws. Fig. 4 shows such plate provided with rivets, and Fig. 5 shows the invention as in use.

In the use of the ordinary bearer-connection in double harness great difficulty and inconvenience are experienced, because of the girth-billet breaking loose from the saddle-skirt at the point of such skirt, and the reattachment of such billet necessitates the unfastening of the end of the bearer and the restitching of the several parts together.

The skirt A has fixed to it, above its lower end, the upper end of the trace-bearer B, the lower end of which has an opening, *b*, which in practice registers with an opening, *c*, in the girth-billet C and with an opening, *a*, in the skirt. Below the openings *c* and *a* the billet C and skirt have registered openings *c'* and *a'*, while the bearer B by preference terminates between openings *b* and *a'*.

The bearer-point plate D is formed to fit over the longer end of the bearer at its junction with the skirt and billet, and in the construction shown in Figs. 2 and 3 has threaded sockets *d* and *d'* for fastening-screws E E, the upper socket, *d'*, being surrounded by a protuberance, *d''*, which enters the opening *b*, such opening being enlarged to receive it.

In Fig. 4 the plate is provided with rivet-shanks, which project through the coincident openings in the several straps, and are riveted in rear of same. Manifestly such rivets may be employed as the fastenings instead of the screws.

The use of the invention will be readily understood by those skilled in the art. It will be seen that a strong firm fastening is provided. The end of the bearer is always covered and protected, and the fastening is one that can be applied with little trouble and be quickly detached when desired without any injury to the parts.

The plate may be ornamented in any manner or design, and be gilded or plated to correspond with the trimmings of the harness on which it is to be used.

By means of my invention the trace-bearer point may not only be quickly connected, but will be more secure and durable and will present a better appearance than when such connection is effected in the ordinary manner.

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

As an improvement in harness, the combination, with the skirt and the trace-bearer having its upper end secured, of the point-plate fitted over the lower end or point of such trace-bearer and fastening, all substantially as and for the purposes specified.

EDWARD ARMSTRONG.

Witnesses:

HARRY E. KELLEY,
GEO. D. CARPENTER.