

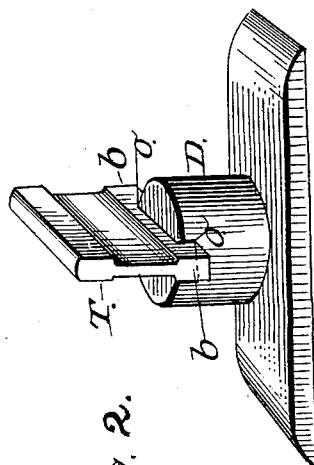
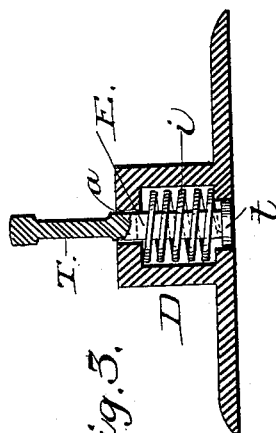
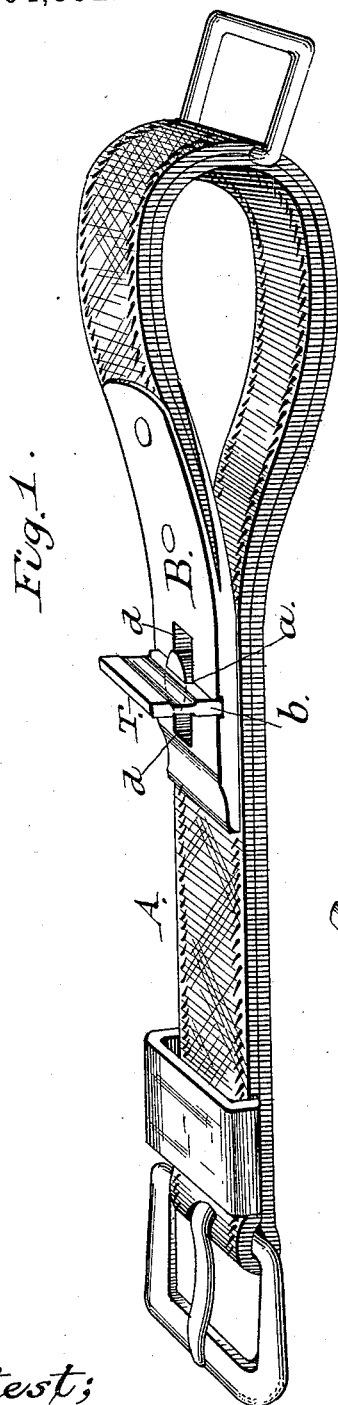
(No Model.)

G. W. ATKINS.

SHAFT BEARER FOR HARNESS.

No. 304,592.

Patented Sept. 2, 1884.



attest;
S. Walter Fowler
Daniel Clark.

Inventor:
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by his attys.
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UNITED STATES PATENT OFFICE.

GEORGE W. ATKINS, OF CLARION, PENNSYLVANIA, ASSIGNOR OF ONE-HALF
TO H. V. CURLL AND H. J. KLAHR, OF SAME PLACE.

SHAFT-BEARER FOR HARNESS.

SPECIFICATION forming part of Letters Patent No. 304,592, dated September 2, 1884.

Application filed July 7, 1884. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. ATKINS, of Clarion, in the county of Clarion and State of Pennsylvania, have invented certain new and useful Improvements in Shaft-Bearers for Har-
5 ness, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, in which—

10 Figure 1 illustrates my improved shaft-bearer applied to harness. Fig. 2 is an enlarged view of the same removed from the harness. Fig. 3 is a vertical longitudinal section of the shaft-bearer.

15 My invention relates to that portion of the harness which supports the shaft, and has for its object to provide a ready means of attaching and detaching the shaft from the carrier without withdrawing its end from the carrier-
20 loop.

My invention consists in a slotted plate secured to the end of the carrier-strap, in combination with a peculiarly-constructed spring-catch, as is hereinafter described, and specifically pointed out in the claim.
25

To enable others to make and use my invention, I will proceed to describe the exact manner in which I have carried it out.

In the drawings, A is a strap for supporting
30 the shaft, and its end is shod with a metal plate, B, near the end of which is a circular opening, *a*, having two jogs or offsets, *b b*. At

right angles to the line of the jogs or offsets the face of the plate B is depressed into a groove, as shown at *d*. At a point desirable
35 for forming the bight of the strap is set a spring-fastening constructed as follows: A plate inserted within the leather has rising from it and passing through the face of the strap a barrel, D, in which moves a longi-
40 tudinally-sliding post, E, provided on its lower end with a head, *i*, and between said head and the end of said barrel is confined a coiled spring, *i*. The face of the post has a rectangular off-
45 set, *o*, which lies in a line with and registers with offset *d* in the plate B. Elongated thumb-piece T passes through circular opening *a* and
jogs *b*, and, being turned, drops into groove *d* on plate B, and is held there so long as there
50 is any strain within the loop.

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

The strap A, having the loose end shod with plate B, having opening *a* and offsets *b*, in combination with inserted plate carrying barrel
55 D, in which is a sliding post, E, provided with a broad flat thumb-piece and head *i*, and surrounded by spring *i*, all constructed, arranged, and operated as set forth.

GEORGE W. ATKINS.

Witnesses:

W. H. ROSS,
J. J. FRAZIER.