

C. Boehmer, Jr.

Harness Ring,

Nº 59,347,

Patented Nov. 6, 1866.

Fig. 1.

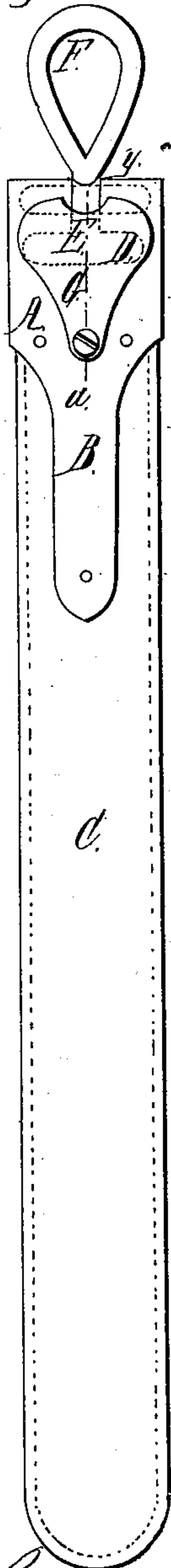
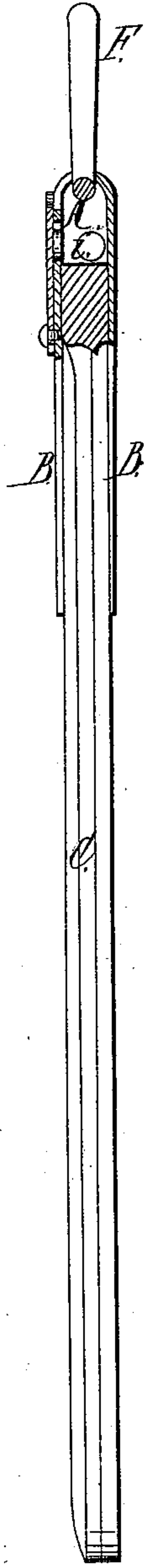


Fig. 3.



Fig. 2.



Witnesses;

H. Jackson
J. Service

Inventor;

C. H. Boehmer
Per H. H. H. Co.
Attorney

UNITED STATES PATENT OFFICE.

CHRISTIAN BOEHMER, JR., OF MADISON, WISCONSIN.

IMPROVED COCKEYE.

Specification forming part of Letters Patent No. 59,347, dated November 6, 1866.

To all whom it may concern:

Be it known that I, CHRISTIAN BOEHMER, Jr., of Madison, in the county of Dane and State of Wisconsin, have invented a new and Improved Cockeye; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, forming part of this specification.

The nature of my invention consists in providing a cockeye for the trace or tug of a harness, so that when one is worn out it can be replaced at once without the aid of a harness-maker.

It often occurs that while the teamster is on the road, away from any mechanics, with a heavy load, the cockeyes give way, which causes great trouble, expense, and delay to get the cockeye replaced. By my invention all this may be avoided, as the teamster can conveniently carry several of them in his pocket or wagon, so that if one gives way he can in a moment's time replace it.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

Figure 1 is a plan view of my improved cockeye attached to the trace or tug of a harness. Fig. 2 is a side sectional view of the same from the line *y*. Fig. 3 is a plan view of the cockeye.

Letters of like name and kind refer to like parts in each of the figures.

A may represent a socket, made of any suitable metal, in which is secured the trace or tug C by means of rivets or bolts passing through straps B B, which extend a proper distance upon the trace. Near the end of the socket A is a transverse slot. (Shown in dotted lines at D.) At the center of the said slot D connects another longitudinal slot. (Also shown in dotted lines at E.) These said slots D and E are for the purpose of admitting the cockeye F into the socket A.

F is the cockeye, made of any suitable metal, with a cross-bar or T at the lower or rear end, as shown in Fig. 3. G is a pivoted cap, pivoted at *a*, for the purpose of covering and protecting the slot D from filling with dirt and to prevent the cockeye from falling out of the socket.

When it is desired to introduce a cockeye into the socket the cap G is slightly raised to disengage a small lug from the socket that holds the cap in its place. When the lug is thus released the cap may be moved around upon the pivot *a* from over the slot D, when the T or cross-bar of the cockeye may be introduced into the socket, the end of the said cross-bar passing a short distance out of the aperture *i*, so as to admit the opposite end of the cross-bar of the cockeye through the slot D into the socket A, when it is moved back, and the end projecting through the aperture brought within the socket, where it has a bearing. After the cockeye has been introduced into the socket it is then turned down in the slot E, which brings the cockeye in line with the trace, when the cap is brought around over the slot D, which incloses the socket.

The advantages of my invention are obvious, from the fact of its simplicity, cheapness of construction, its convenience, and durability.

The socket also serves the purpose of protecting the end of the traces, which are always so much exposed to wear when cockeyes are stitched into the trace.

By my invention the end of the trace is protected by the socket coming over the outside and secured to the trace by bolts or rivets passing through the socket and trace, which holds them firmly together.

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

1. The socket A, in combination with the trace C, for the purposes and substantially as herein shown and described.

2. The cockeye provided with a cross-bar, as shown and described, in combination with the socket A, substantially as and for the purposes set forth.

The above specification of my invention signed by me this 14th day of August, 1866.

CHRISTIAN BOEHMER, JR.

Witnesses:

F. A. PFAFF,
S. G. BENEDICT,
S. S. JACKSON.