

J. W. Briggs,
Harness Ring,
No. 6,490, *Patented June 5, 1849.*

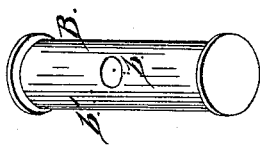


Fig. 4.

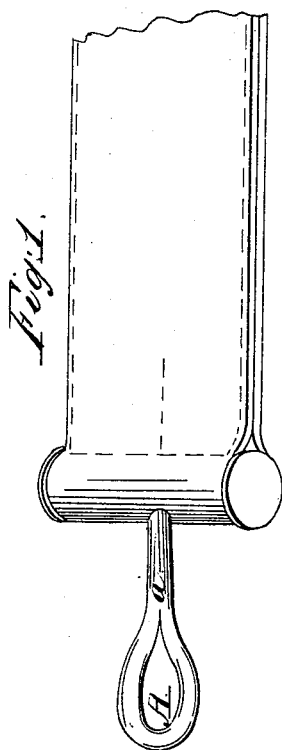
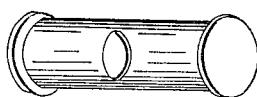


Fig. 1.

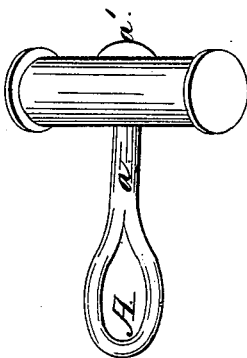


Fig. 2.

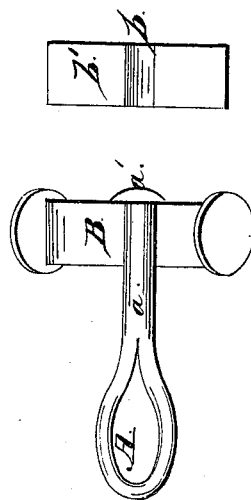


Fig. 3.

UNITED STATES PATENT OFFICE.

JOS. W. BRIGGS, OF CLEVELAND, OHIO, ASSIGNOR TO F. P. TAYLOR.

COCKEYE FOR HARNESS.

Specification of Letters Patent No. 6,490, dated June 5, 1849.

To all whom it may concern:

Be it known that I, JOSEPH W. BRIGGS, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Cockeyes for Harness, of which the following is a full and exact description, reference being had to the annexed drawings of the same, making part of this specification, in which—
10 Figure 1, is a perspective view of the machine and a detached portion of a trace to which it is applied, Fig. 2 is a view of the same detached from the trace, Fig. 3 is a view of the several parts separated from each other, Fig. 4 shows a modified form of the parts.

In the accompanying drawings the eye (A) may be made of cast or wrought metal in the usual or any convenient form, and having a neck (a) projecting from its small end, with a head (a') affixed thereon. The neck fits into a recess (b) see Fig. 4 formed in the cross bar (B) so that when the cap (b') which has a similarly formed recess in it, is in place it is held there by the trace, in the end of which the cross bar is secured, in a manner very analogous to that in which buckles are attached to straps.

The cross bar B is of a semi-cylindrical form as represented in Fig. 3 having a head on each end to prevent its being drawn out

of the strap, and also to protect the leather from abrasion against the tongue or thills of the carriage. The neck (a) of the eye (A) may be held in the cross bar by means of a dove tailed cap (b') formed and arranged as in Fig. 4 which will in some measure relieve the leather and stitches from strain.

The form and proportions of the several parts may be greatly varied without any departure from the principle of the invention, and they may be respectively made of any material the manufacturer chooses to employ, but I prefer malleable cast iron, both with reference to cheapness and durability.

Having thus described the manner of constructing my improved cockeye, what I claim therein as new, and desire to secure by Letters Patent, is—

The combination of the loop of the trace, with a sectional cross-piece (B) and a cockeye (A), whereby the trace is secured to a swivel cockeye without impairing its strength, and all the metallic parts are adapted to being made of cast metal.

JOSEPH W. BRIGGS.

Witnesses:

GEO. F. MARSHALL,
L. K. ROSA.