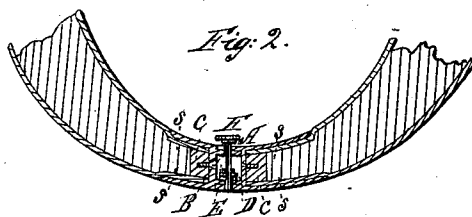
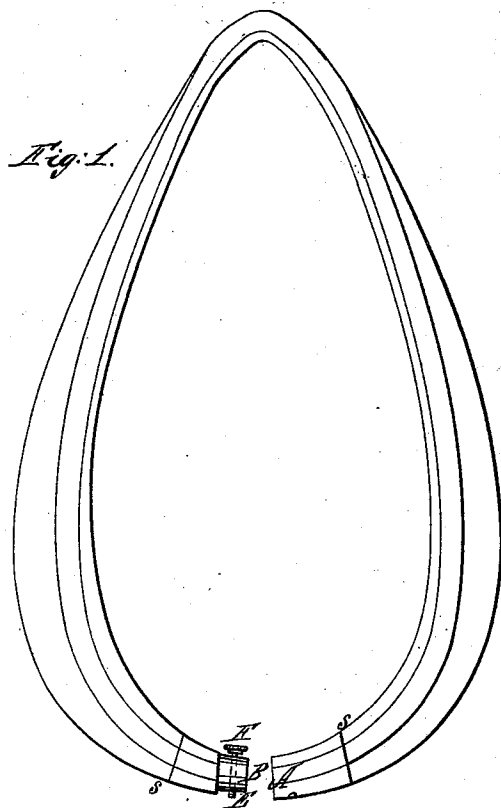


Hobart & Lampman,
Horse-Collar Fastener,
N^o 82,836. Patented Oct. 6, 1868.



Witnesses:
H. H. Young
J. H. Stump.

Inventor:
B. W. Hobart -
D. C. Lampman
By David A. Brown atty.

United States Patent Office.

B. H. HOBART AND D. C. LAMPMAN, OF TROY, PENNSYLVANIA.

Letters Patent No. 82,836, dated October 6, 1868.

IMPROVEMENT IN FASTENING HORSE-COLLARS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that we, B. H. HOBART and D. C. LAMPMAN, of Troy, in the county of Bradford, and State of Pennsylvania, have invented a new and useful Improvement in Fastening Horse-Collars; and we do hereby declare the following to be a full and exact description thereof, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a front elevation of a horse-collar having my improved fastening, and

Figure 2 a central vertical section through the two lower ends of the same.

Similar letters of reference indicate like parts in each of the figures.

The nature of our invention consists in securing horse-collars, which are divided at their lower end, by means of a socket secured to the one side of the collar, receiving a tubular end piece upon the other side, said end piece containing a spring and catch, to engage in the socket, and thus form a secure fastening for the collar.

The socket A, and end piece B, constituting our improved fastening, are each made hollow, of metal, and of the same form, the end piece B being made so much smaller in transverse section that it will readily slide within the socket A.

The inner ends of both the socket and end piece embrace the ends *s s* of the collar, and may be secured thereto by stitching, or in any other suitable manner.

To make the connection more firm and secure, we insert wooden blocks, *c*, within the ends *s* of the collar, and, having firmly secured the same thereto, by tacks or otherwise, insert the ends of the collar thus stayed by the blocks within the metallic socket and end piece, and fasten them thereto by the use of screws passing through the metal into the wooden blocks, either from an interior partition-plate within the socket and end piece, as shown in fig. 2, (in which case the screws are wholly concealed,) or from the exterior.

Within the end piece, B, we secure a suitable spring, D, either straight, bent, or spiral, to actuate a catch, E, which, projecting from the end piece at any suitable point on its surface, shall engage, when the piece is properly inserted within the socket A, with a slot, or notch, or aperture therein.

A pin, F, projects from the spring, by which it may be retracted, and the catch thus released, so as to undo and release the fastening of the collar.

We do not claim the mode of connecting the ends *s s* by means of a socket-joint, nor do we claim a spring-catch to obtain a fastening of the ends together; but having fully described our invention,

We claim therein as new, and desire to secure by Letters Patent—

The hollow end piece B, provided with a spring-actuated catch concealed within the same, when secured to one side of the horse-collar S, and made to fit into a socket, A, secured to the other side, the whole constituting an improved fastening for the collar, substantially as herein set forth.

The foregoing specification of our improvement in fastening horse-collars signed by us, this eleventh day of August, 1868.

B. H. HOBART.
D. C. LAMPMAN.

Witnesses:

D. E. COMPTON,
U. C. PORTER.