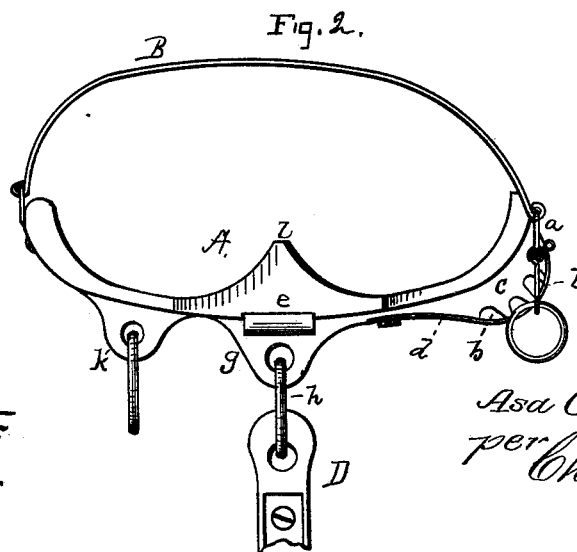
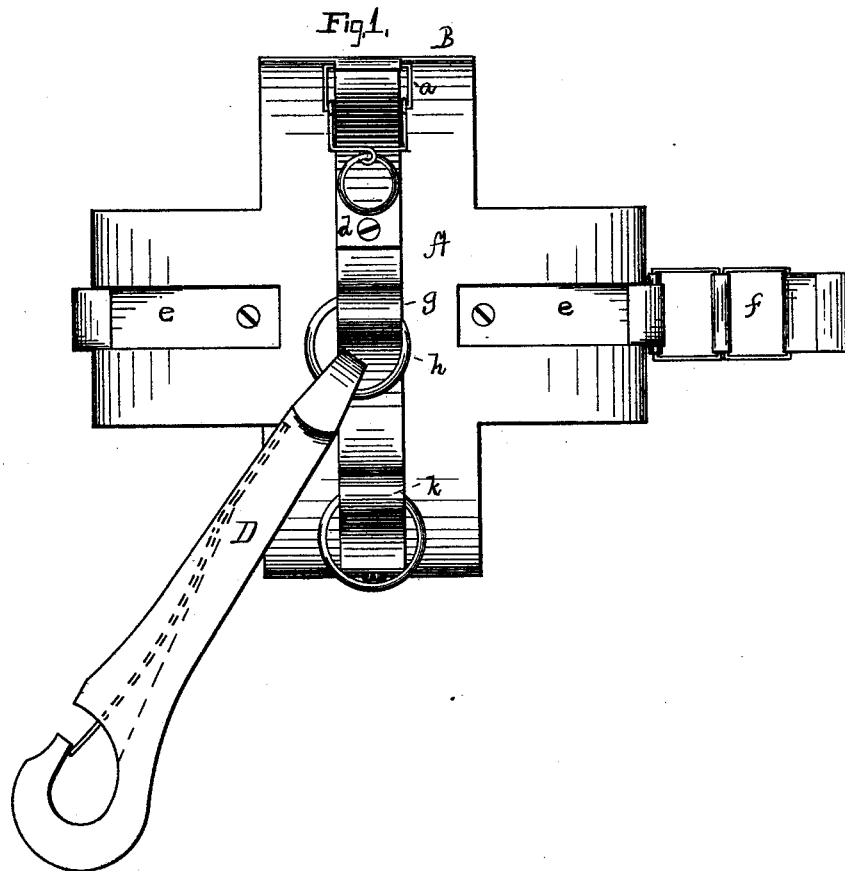


A. CARLIN.  
Collar and Hame Attachment.

No. 220,804.

Patented Oct. 21, 1879.



Witnesses  
Nat. E. Oliphant  
Geo. R. Porter.

Inventor  
Asa Carlin.  
per Cha. H. Fowler.  
Attorney.

# UNITED STATES PATENT OFFICE

ASA CARLIN, OF STONE'S PRAIRIE, MISSOURI.

## IMPROVEMENT IN COLLAR AND HAME ATTACHMENTS.

Specification forming part of Letters Patent No. **220,804**, dated October 21, 1879; application filed September 6, 1879.

*To all whom it may concern:*

Be it known that I, ASA CARLIN, of Stone's Prairie, in the county of Barry and State of Missouri, have invented a new and valuable Improvement in Collar and Hame Attachments; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of an under-side plan view of my invention, and Fig. 2 is an end view.

This invention relates to attachments for horse collars and hames; and the object thereof is to provide a simple, durable, and cheap attachment, capable of being quickly fastened to the hames, and also of firmly holding them to the collar, the said attachment being also provided with connections for a snap-hook to be attached to the ring of a pole-chain, or to the loop at the outer end of the pole, the invention being intended for double harness; and the invention consists in the construction of the attachment, as will be hereinafter described, and subsequently pointed out in the claims.

In the accompanying drawings, A represents a collar-snap, constructed of metal of suitable thickness in its several parts, so as to render it very durable, and not likely to become broken by any strain, the said snap fitting the collar at or near the breast, where it is rigidly fastened by means of the flat hinged plate B passing over the said collar, and which may be lengthened by the position of the link *a* in the grooves *b* in an elevation, *c*, upon the outer point of the snap A, this elevation being covered with a spring-plate, *d*, for the purpose of holding links in the grooves.

Fastened in depressions in the collar-snap A, at its outer side ends, are spring-snaps *e e*, for the purpose of securing the hames firmly to the collar, the hooks on the outer ends of the snaps *e e* engaging with the eyes at the lower ends of the hames, and the said spring-snaps may be provided with square links *f*, of ordinary construction, for the purpose of adjustment to hames of different lengths.

At the lower and center portion of the collar-snap is an elevation, *g*, in the form of an eye, in which is placed a ring, *h*, for the purpose of holding a pole-snap, D, which may be of various lengths to suit the particular use for which it is designed.

Upon the inner point of the collar-snap is another eye-shaped elevation, *k*, in which a ring is placed to receive the strap which extends to the belly-band or surcingle of the harness.

It will be seen by the foregoing description that I provide an attachment for a horse-collar simple and cheap in its construction and durable in its use, by which the hames may be rigidly secured to the said collar, and the connections of this attachment, for the purpose of holding the pole-snap and breast-strap of the harness, allow of a great saving in time and labor in putting together and fastening the harness of a horse.

The back face of the plate or attachment A is preferably provided with a ridge, *l*, which fits into the groove in the collar. The attachment is applied to the lower end of the collar, to which it is secured by the flat hinged plate B. The outer end of the snap-hook D is attached to the loop at the end of the pole, or to the ring at the end of the usual pole-chain employed, and the snaps *e* are sprung into the hame-eyes at the lower end of the hames.

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

1. The collar and hame attachment A, having the adjustable hinged plate B, adjustable hame fastenings, and the snap-hook D, substantially as described, and for the purpose set forth.

2. The combination, with the metal snap A, having the grooved elevations *c* and eye-shaped elevations *g k*, of the flat hinge B, spring-snap *e e*, ring *h*, and pole-snap D, substantially as and for the purpose specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

ASA CARLIN.

Witnesses:

THOS. CARLIN,  
H. M. DOCKERY.