

(No Model.)

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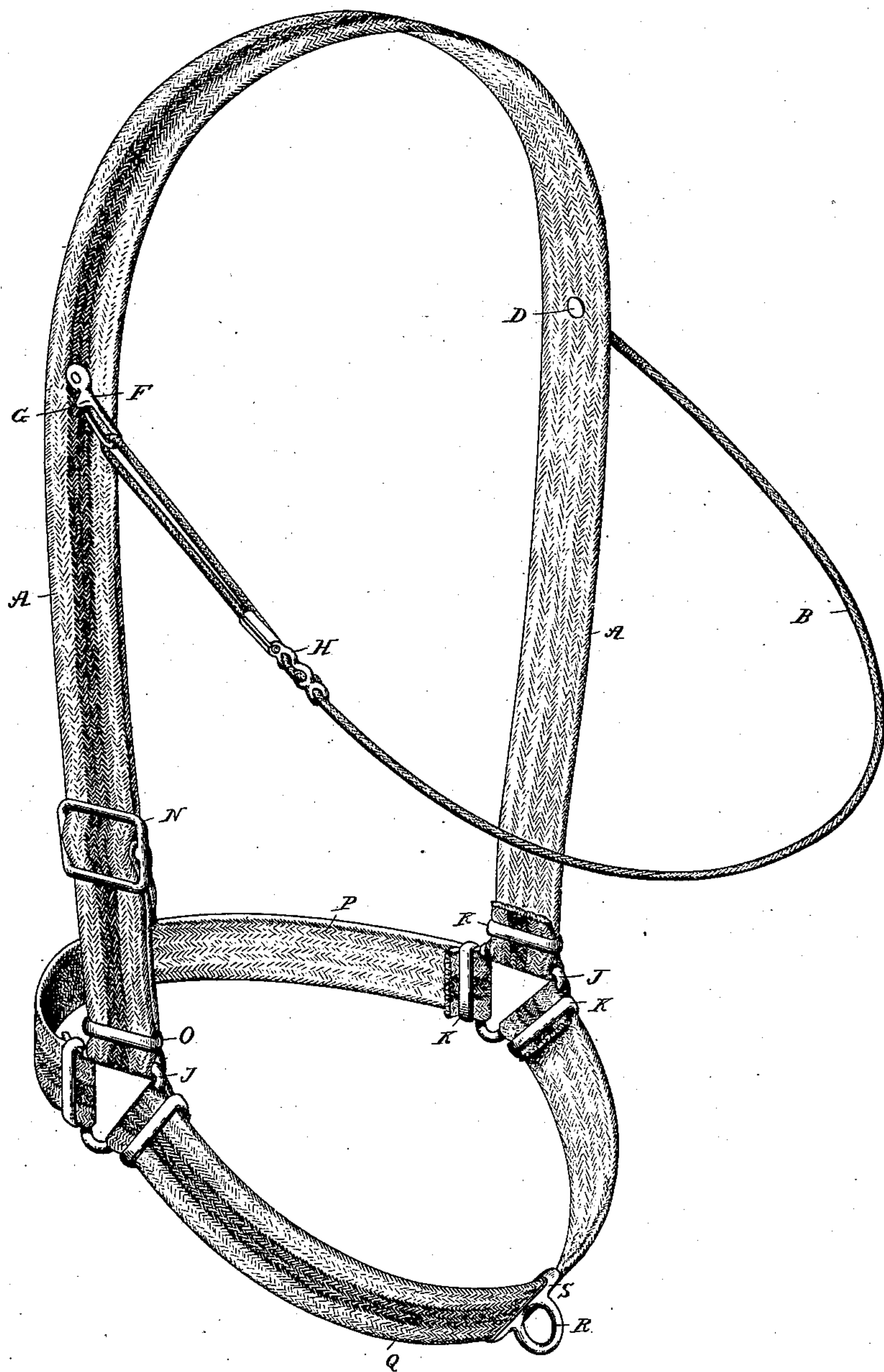
J. C. COVERT.

HALTER.

No. 362,494.

Patented May 10, 1887.

Fig. 1.



Witnesses

*Wm. S. Selden,
John C. Barker*

Inventor

James C. Covert

By his Attorneys

Toulmin & Gummie

(No Model.)

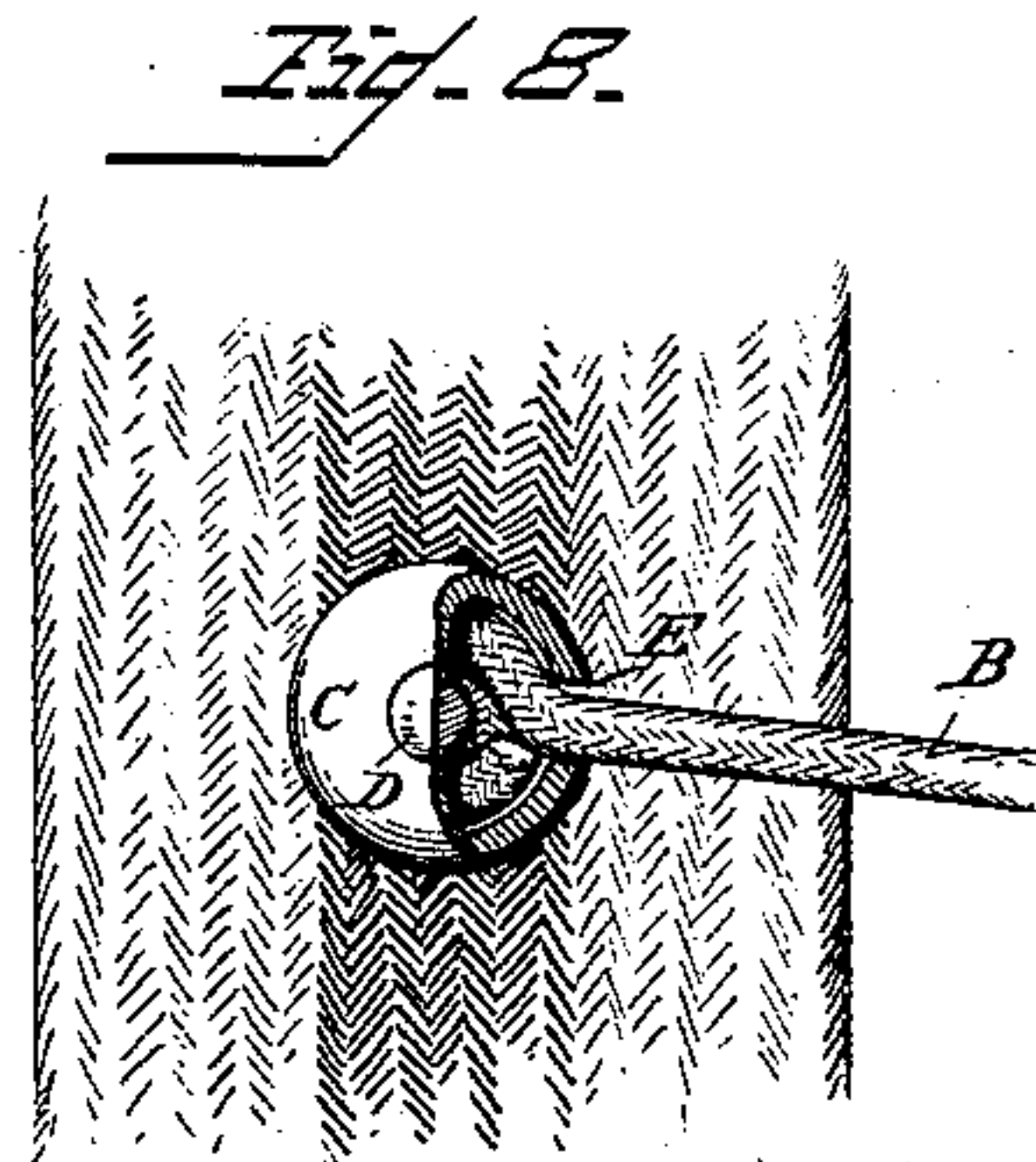
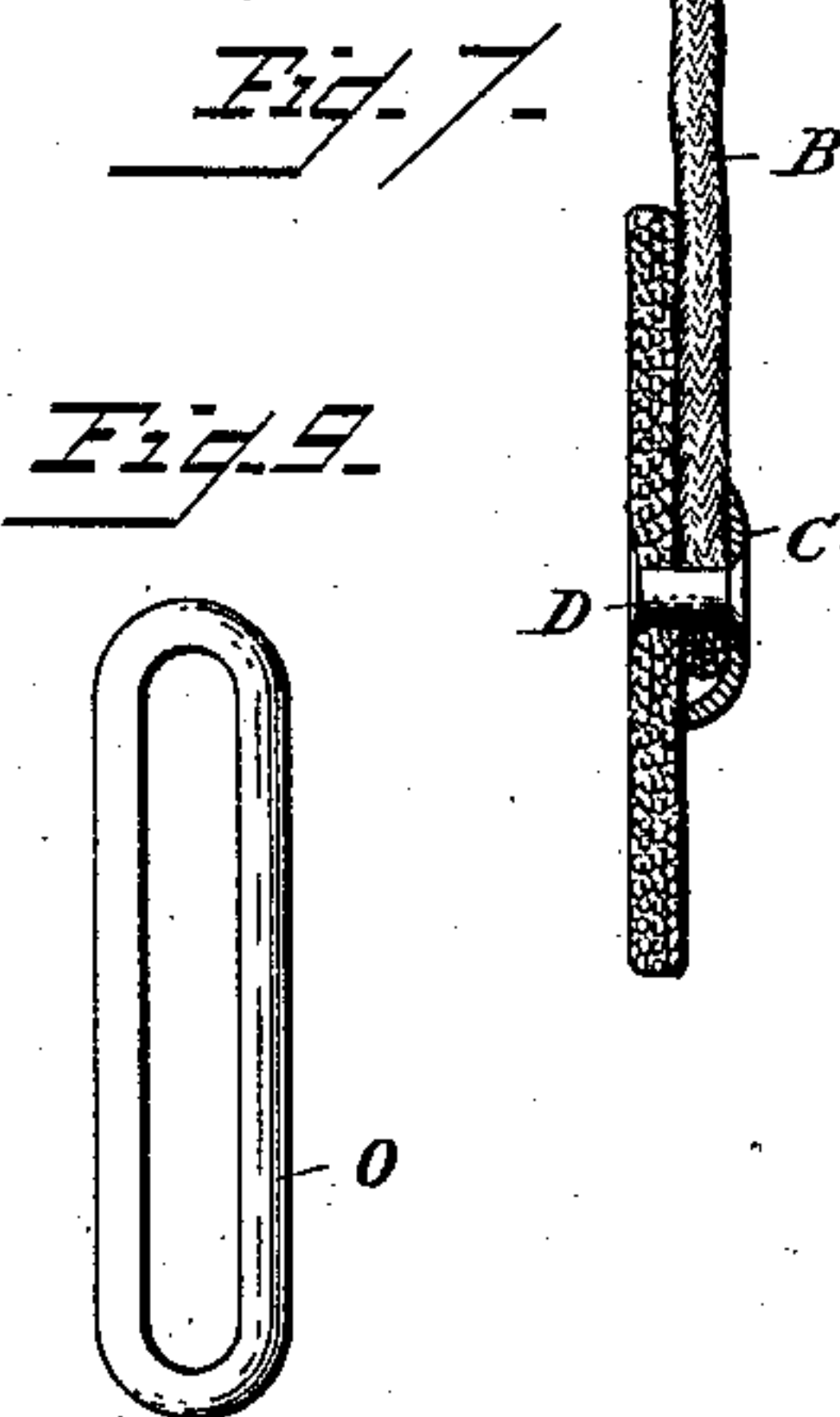
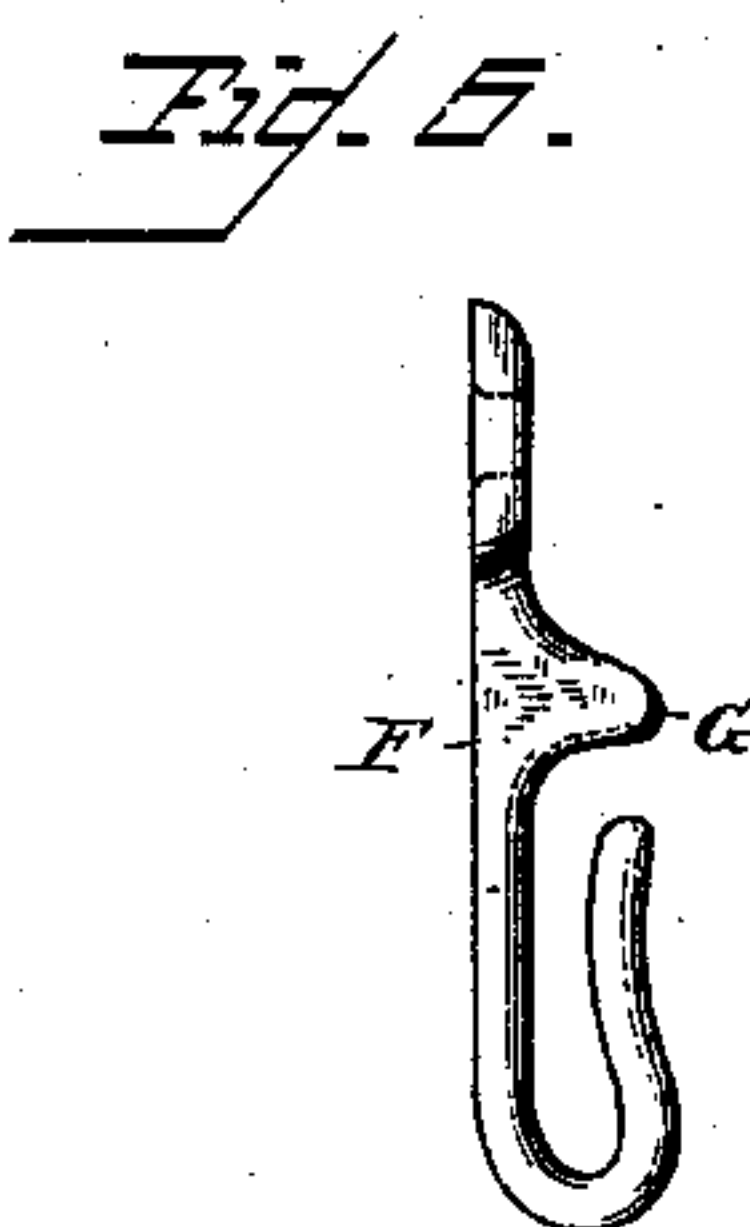
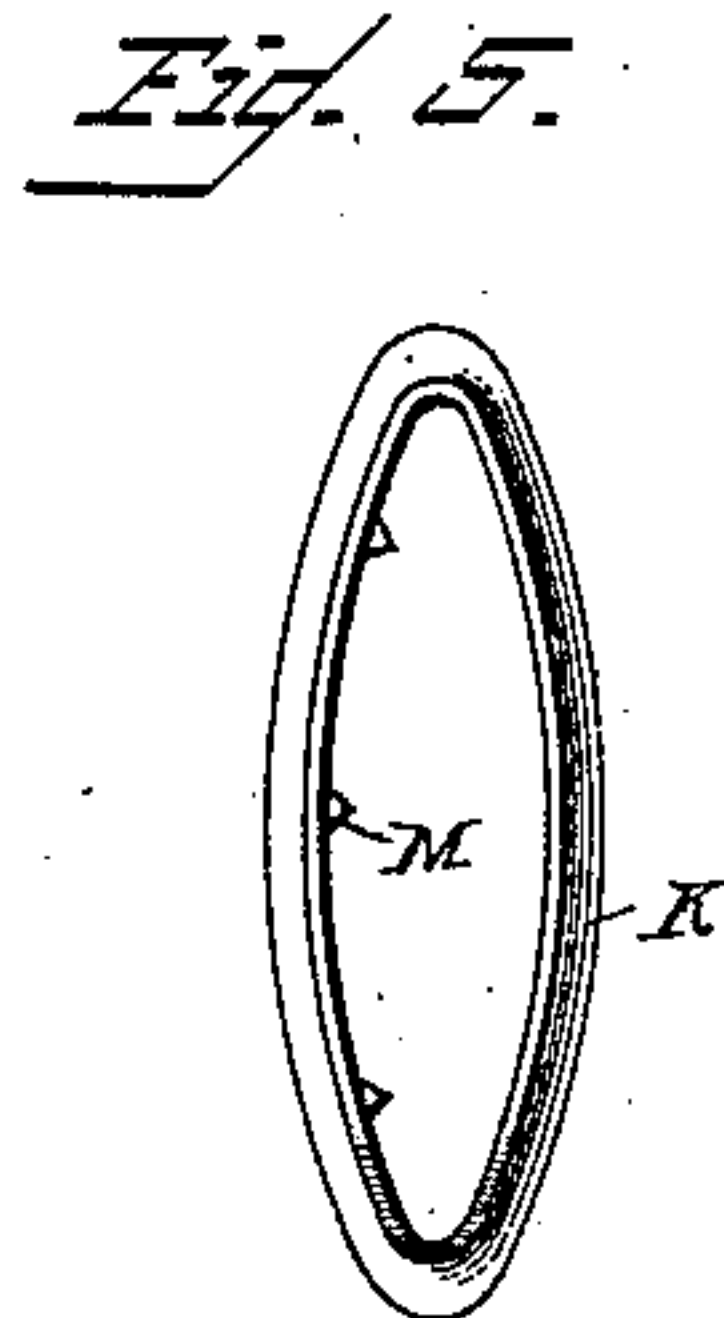
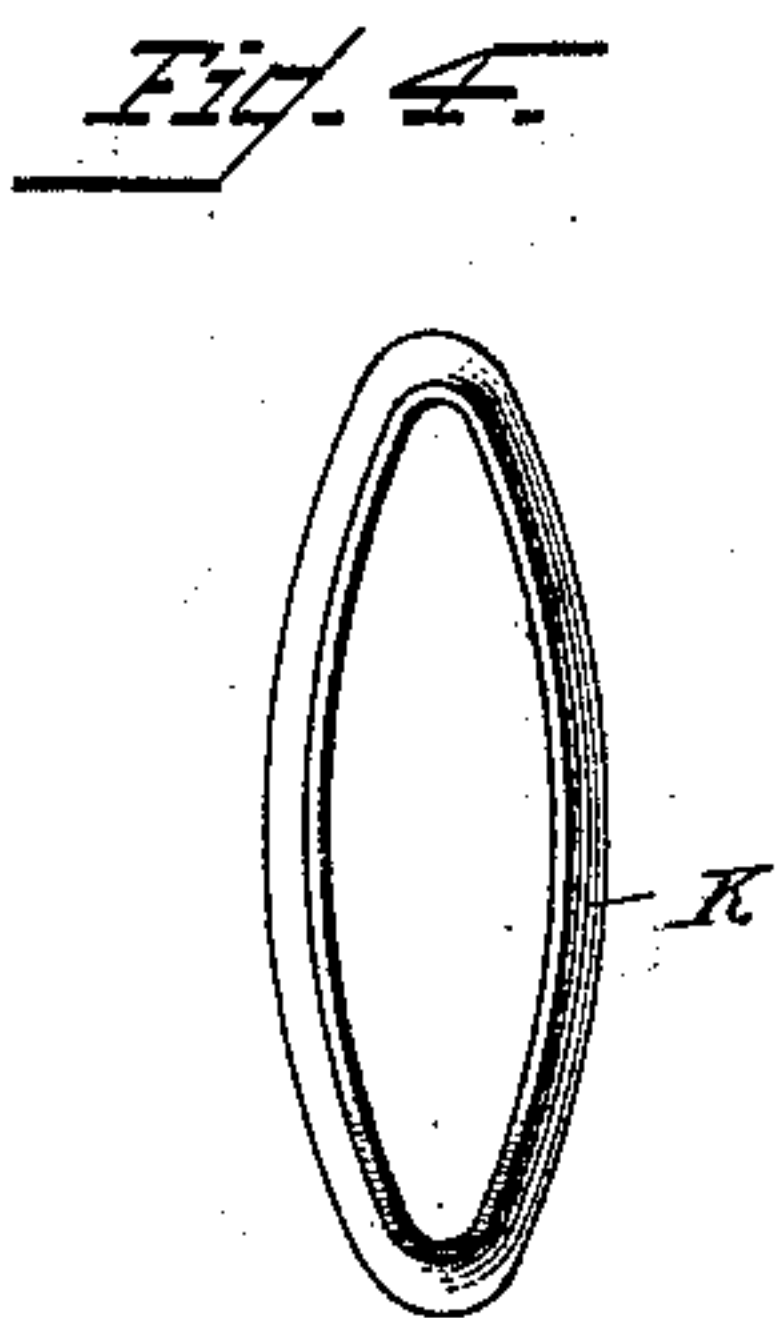
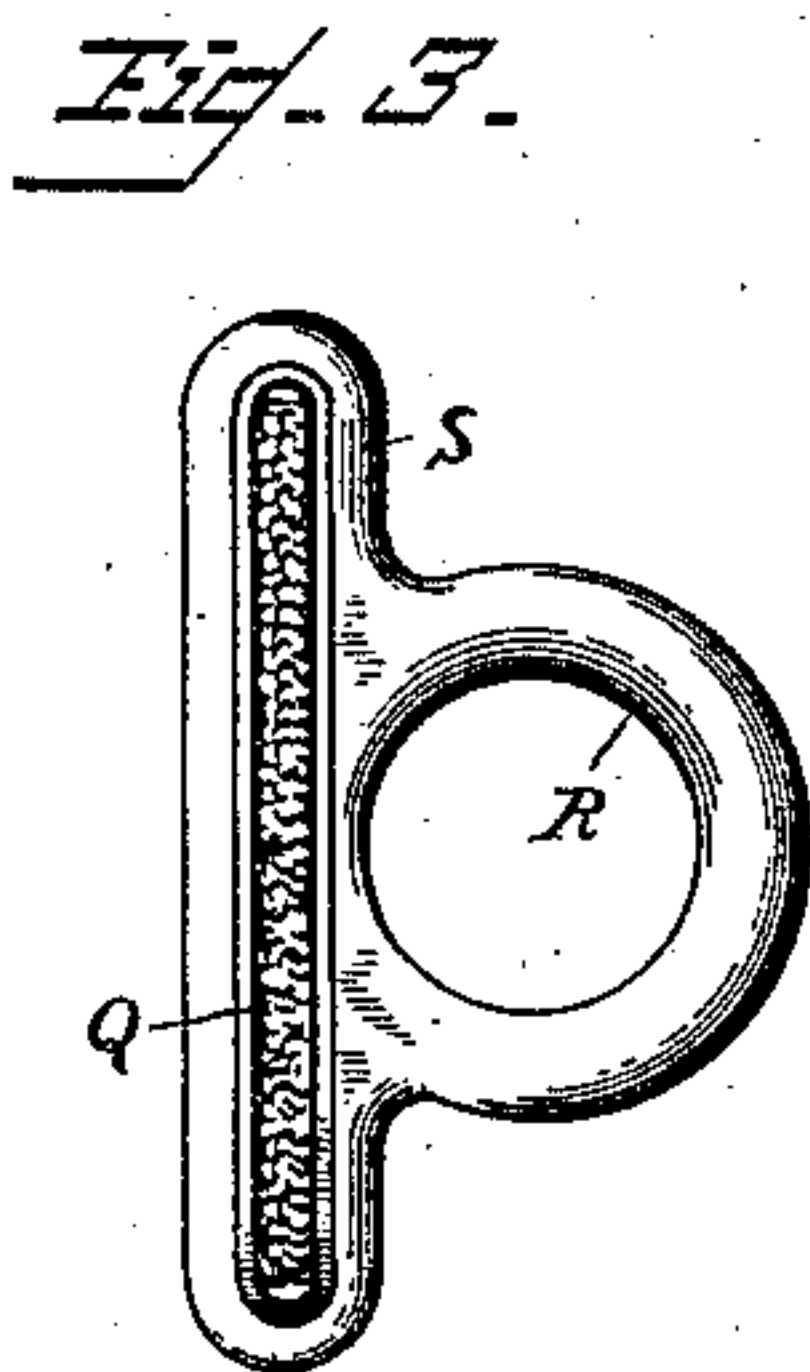
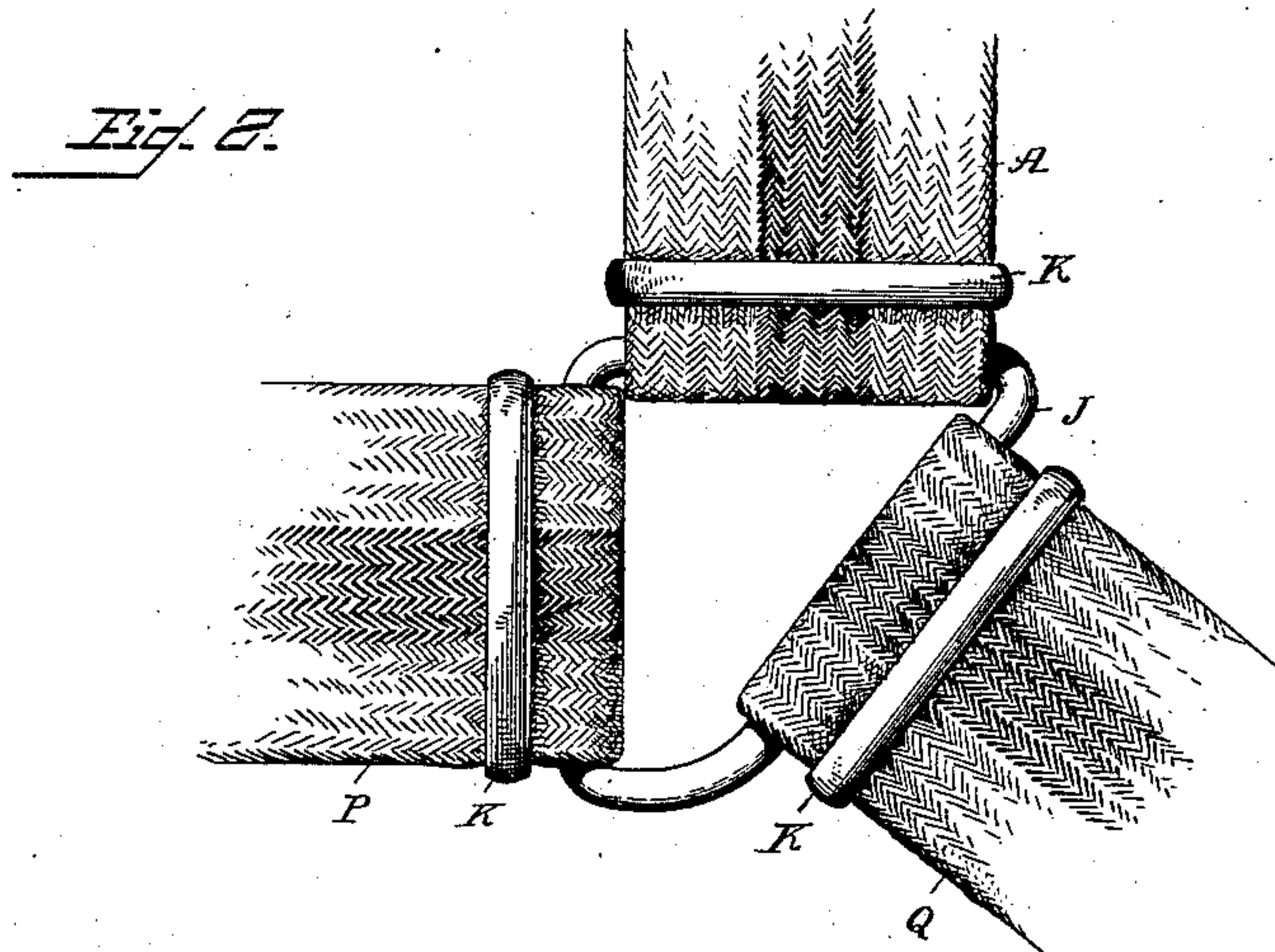
2 Sheets—Sheet 2.

J. C. COVERT.

HALTER.

No. 362,494.

Patented May 10, 1887.



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UNITED STATES PATENT OFFICE.

JAMES C. COVERT, OF WEST TROY, NEW YORK.

HALTER.

SPECIFICATION forming part of Letters Patent No. 362,494, dated May 10, 1887.

Application filed February 19, 1887. Serial No. 228,157. (No model.)

To all whom it may concern:

Be it known that I, JAMES C. COVERT, a citizen of the United States, residing at West Troy, in the county of Albany and State of New York, have invented certain new and useful Improvements in Halters, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to certain new and useful improvements in halters constructed, preferably, of strips of webbing.

My invention consists in securing the tie-rein to the chin-piece of the halter by a fastener, which is rigidly connected with the chin-piece, so as not to have a movement on it which will cause the fastener to wear said piece.

My invention further consists in combining, with the known chin and cheek pieces of the halter a triangular loop, around which the ends of the said pieces are lapped, and in applying to the said pieces metallic clamping-bands so constructed at their ends as to permit of their sides being compressed strongly together and upon the said pieces without breaking the ends.

My invention further consists in combining, with the nose, chin, and cheek pieces of the halter a triangular loop, around which said pieces are lapped, and in applying to the nose and chin pieces metallic clamps so constructed at their ends that they can be compressed so as to bind and hold the said pieces without breaking at their ends, and in securing to the lapped end of the cheek-piece a tongueless buckle, through which the main portion of the cheek-piece is passed, and also in applying a sliding band to the lapped portion of the cheek-piece, whereby the length of the cheek-piece may be adjusted to fit the heads of different-sized animals.

My invention still further consists of a throat-latch constructed, preferably, of a cord, and secured rigidly at one end to one cheek-piece and detachably to the other cheek-piece, and provided at its other end with a plate having a series of holes, through which the body of the latch is threaded, for the purpose of holding it to a given length and permitting it to be adjusted in length.

My invention further consists of a disk hollowed out on the inner side, having a notch

extending into the hollow portion, and a rivet by which it is secured to one of the cheek-pieces, and of the latch-cord passed around the rivet and coiled within the hollow portion and extended out through said notch.

My invention still further consists of a hook constructed to be secured to the cheek-pieces of the halter, and provided with a lug, which extends opposite the end of the hook for the purpose of preventing the animal from breaking off the hook by catching it under some portion of the stall, the lug acting as a guard.

In the accompanying drawings, forming a part of this specification, and on which similar letters of reference indicate the same or corresponding features, Figure 1 represents a perspective view of my improved halter; Fig. 2, a view of a portion of the halter without the adjustable feature in one of the cheek-pieces; Fig. 3, a sectional view of the cheek-piece, showing the tie-rein fastener; Fig. 4, a side elevation of one of the clamping-bands before it is clamped or compressed; Fig. 5, a like view of a modification thereof; Fig. 6, a detail side view of the throat-latch hook; Fig. 7, a sectional view of a portion of the cheek-strap and of the permanent fastener for the throat-latch; Fig. 8, a view with a portion of the disk removed; Fig. 9, a side elevation of the sliding loop.

The letter A designates the cheek-pieces of my improved head stall or halter, the same consisting, preferably, of a continuous strip of fabric of that class known in the art as "webbing." At the proper point on one of these pieces is secured one end of the throat-latch B, being preferably a cord, by means of a disk, C, having an annular recess on the inner side thereof, and bored to receive one end of a rivet, D, the head whereof is pressed tightly against the inner face of the said cheek-pieces. This disk is notched at E, whereby the latch-cord is permitted to enter the recess and be coiled around the rivet within the recess of the disk. In this position the rivet draws the disk firmly upon the cord, pressing the latter firmly against the cheek-piece and securing the latch and cheek-piece together strongly and in a cheap manner. To the other cheek-piece, at about the opposite point is secured, as by a rivet, a hook, F, having a lug, G, opposite the point of the hook, for the purpose of preventing that point from catching in the stall or

other fixture should the horse rub the side of his head, the lug acting as a guard under such circumstances and preventing the destruction of the hook. The lug also acts in some measure to prevent the cord or latch from as readily becoming detached from the hook. To the end of the cord is secured a metallic plate, H, having a series of holes therein, through which the cord or latch is threaded, so as to hold it and not to permit of its being adjusted at different length, this plate being secured to the end of the cord by a slotted shank, which is clamped upon the cord.

One end of the strip forming the cheek-pieces is secured to a triangular loop, J, by being passed through the same and lapped over and held by a metallic clamping-band, K, which is compressed firmly upon the body of the cheek-piece and the end thereof. This band is preferably constructed of malleable iron, and before being compressed is approximately of elliptical form, and under some conditions provided with small teeth or projections M, as seen in Fig. 5. While the elliptical form is preferred for the band before it is compressed, for the purpose of allowing it to be compressed without breaking at the ends, the sides thereof may be approximately parallel, provided that the ends are rounded, and sharp corners or bends between the end portions and the sides are avoided. These features are to prevent breaking at the ends when the band is compressed. Again, the elliptical form of the bands makes it easier to pass the ends of webbing into them, while yet permitting the ends of the bands to form a shorter bend. The result is that when the band is compressed the edges of the webbing are clamped and held as firmly as the body of the webbing—a consideration of value in practice, because the webbing generally starts to pull out first at the edges thereof. The other cheek-piece passes through a corresponding triangular loop, J, and is secured to the middle bar of a tongueless buckle, N, the body of the cheek-piece passing through the buckle and a sliding loop or band, O, similar to the clamping-band, applied to the double portion, but not compressed sufficiently to bind said portions together. By this buckle and sliding band the cheek-piece is adjusted in length and held in an adjusted position.

In Fig. 2 I have illustrated a halter without the detachable feature in the cheek-piece. This type of halter I manufacture of several sizes.

The letter P refers to the nose-piece, which, also is preferably constructed of webbing, and which is secured to the respective triangular loops by the clamps in the manner already described.

The letter Q refers to the chin-piece, which too is preferably constructed of webbing, and which is also secured to the said triangular loops by clamping-bands, in the manner already described. To this cheek-piece, preferably near the middle of the length thereof, I

secure permanently and against the sliding and working with respect to the said piece a device to which the tie-rein is connected, and which device may be of various forms. In the present instance it consists of a metallic eye, R, formed integrally with a band, S, similar to the bands already described, and held to the chin-piece in the same manner—to wit, by compressing it.

The rigidity of the connection between the tie-rein fastener and the cheek-piece is of peculiar value when that piece is constructed of fabric, as of webbing, because any movement of the fastener with respect to that piece will in a short time cut the threads thereof and rapidly destroy it. It is to avoid this untimely destruction of the cheek-pieces that I make this connection rigid, as distinguished from having a movement with respect to the chin-piece.

The space at the lower portion of the loops J unoccupied by the nose and chin pieces allows of bits to be attached, as by snap-hooks, whereby the halters may be converted into bridles.

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

1. In a halter, the combination, with a flexible chin-piece, of a fastener consisting of a compressible band which rigidly clamps the chin-piece, and an eye integrally cast therewith and into which the tie-rein can be snapped.
2. In a halter, the combination, with the cheek-piece, the chin-piece, and the nose-piece, of a triangular loop, around the bars of which the said pieces are passed and then lapped over, and a compressible metallic band fitted over the said pieces and their lapped portions and compressed firmly upon them.
3. In a halter, the combination, with the cheek, the chin, and the nose piece, of a triangular loop, around the bars of which the said pieces are passed and then lapped over, and a compressible elliptical metallic band fitted over the chin and nose pieces and their lapped portions and compressed firmly upon them, a sliding band fitted over the lapped portions of the cheek-piece, and a tongueless buckle secured to the end of the cheek-piece and receiving the body of the said piece.

4. In a halter, the combination, with a piece thereof, of a compressible elliptical metallic band having teeth projecting from one side thereof inwardly and fitted upon said piece and its overlapping end and compressed thereon.

5. In a halter, the combination, with the cheek-pieces, of a throat-latch consisting of a cord secured to one cheek-piece permanently and detachably to the other piece, and having connected to its end a plate provided with a series of holes through which the body of the cord is threaded.

6. In a halter, the combination, with the cheek-pieces, of a disk having an annular recess, a notch, and a rivet which secures it to the cheek-piece, and a throat-cord fitted in the

recess and held by the plate against the cheek-piece.

7. In a halter, the combination, with the cheek-piece, of a throat-latch hook secured thereto, and provided with a lug opposite the end of the hook which acts as a guard.

8. In a halter, the combination, with the cheek-pieces, of a cord throat-latch secured permanently to one of said pieces, having a loop therein, and a device adjustably connect-

ing its end with its body, and a hook carried by the other cheek-piece, with which said loop engages.

In testimony whereof I affix my signature in presence of two witnesses.

JAMES C. COVERT.

Witnesses:

EDWIN L. BRADFORD,
M. P. CALLAN.