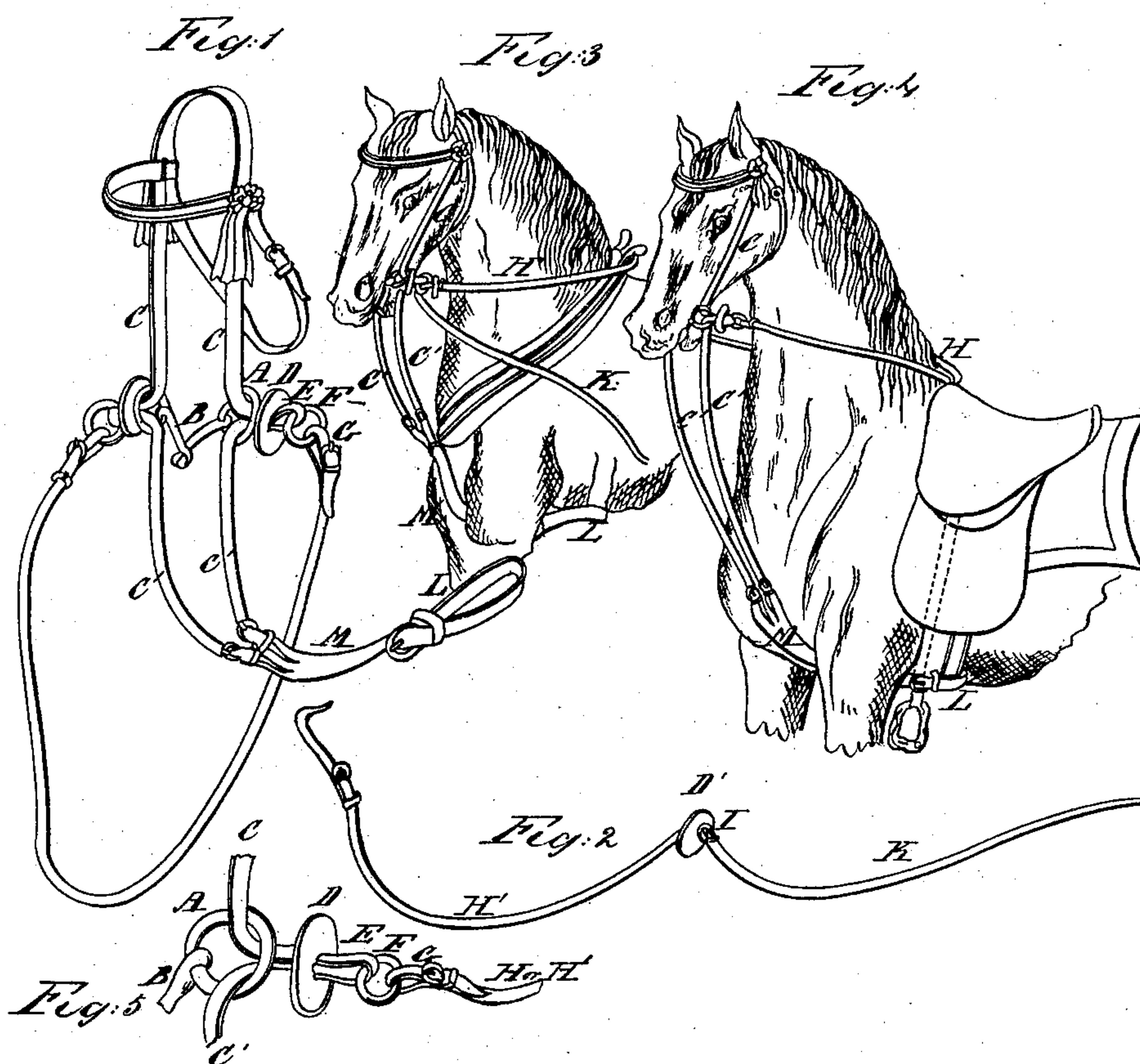


E. W. Lindeman,
Safety Bridle,
No 69,106, *Patented Sept. 24, 1867.*



Witnesses

John M. Amwes
Jacob Stauffer

Inventor

E. W. Lindeman

United States Patent Office.

ELIES W. LINDEMAN, OF MANNOR TOWNSHIP, PENNSYLVANIA, ASSIGNOR
TO HIMSELF AND M. S. AND H. H. HARNISH, OF SAME PLACE.

Letters Patent No. 69,106, dated September 24, 1867.

IMPROVED SAFETY-BRIDLE.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that I, ELIES W. LINDEMAN, of Mannor township, in the county of Lancaster, and State of Pennsylvania, have invented a new and useful combination or improved Safety-Bridle; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 shows the combined riding-bridle, with the continued head-stall forming the martingale.

Figure 2 shows a rein when two horses are used, with the strap or rein continued for hitching to the off horse.

Figure 3 shows the application of the latter rein to the horse.

Figure 4, the application of an ordinary line or rein shown applied.

Figure 5 illustrates the passage of the rein C through the ring of the bit A and leather washer D, forming a loop, E, and returning through the washer and ring of the bit, and continued as C', forming the martingale in one continuous strap or piece.

The object of this invention is to effectually prevent a horse from throwing up his head, rearing, or kicking, by connecting the lower portion of the extended head-stall with the girth, and so connecting it through the ring of the bit that when a pull is given to the line or rein it will not draw the head of the horse up, although the yielding of the mouth will cause the bit to rise upwards and bring the horse to yield submissively at once. Little more need be said, as the drawings clearly illustrate the construction and operation as to enable any one skilled in the art to make and use my invention. I may, however, explain more fully the several parts referred to by letters, and the operation of the same.

The continuation of the head-stall C through the ring of the bit differs from others in this important particular, being also passed through a washer, D, and doubled back, forming a sliding-loop, E. It is through this loop the ring F is held, to which ring the lines or reins are attached, thus acting on the loop so formed by carrying said head-stall back through the washer and ring of the bit, as shown by fig. 5, and continued, forming the martingale C', which, by means of buckles, is connected to part M, fig. 1, forming a loop, L, through which the girth is passed. Hence, any pull given to the line, rein, (or hitching-rein, fig. 2,) connected with the ring F through the loop E on each side of the horse's mouth, draws directly on said sliding-loop E. The top of the horse's head being the fulcrum above and the connection with the girth beneath, consequently by drawing the loop out, in its passage both ways through the ring of the bit in the horse's mouth, which latter being the only yielding point, the bit is raised upwards, and so effectually does this arrangement control and govern the animal that no horse, however vicious, will attempt to resist; besides, the reins and martingale ends of the head-stall can be readily adjusted, or even connected with the collar. When two or four horses are used I provide my rein H' with a washer, D', and a regulating-buckle, I', and extend it into a strap, K, by which it may connect with the saddle or leading horse and keep the off horse under full control, the adjusted portion II of the rein being passed over the hames, as shown by fig. 3.

I am aware and familiar with various devices, such as a simple strap and rings, strap and roller, gag-reins, branching, face pieces, and various modes of attaching the reins, lines, &c., to the rings of the bit, such as are the Patents Nos. 52,139, 59,596, 59,937, 59,996, 60,254, besides other modes and devices claimed, which I disclaim.

What I claim as my invention, and desire to secure by Letters Patent, is—

The arrangement and combination of the washer D D', the sliding-loop E, when formed out of the continuous strap C C', forming the head-stall and martingale of a bridle, and passing twice through the same ring A of the bit, all applied in the manner shown and for the purpose specified.

ELIES W. LINDEMAN.

Witnesses:

JOHN C. AMWEG,

JACOB STAUFFER.