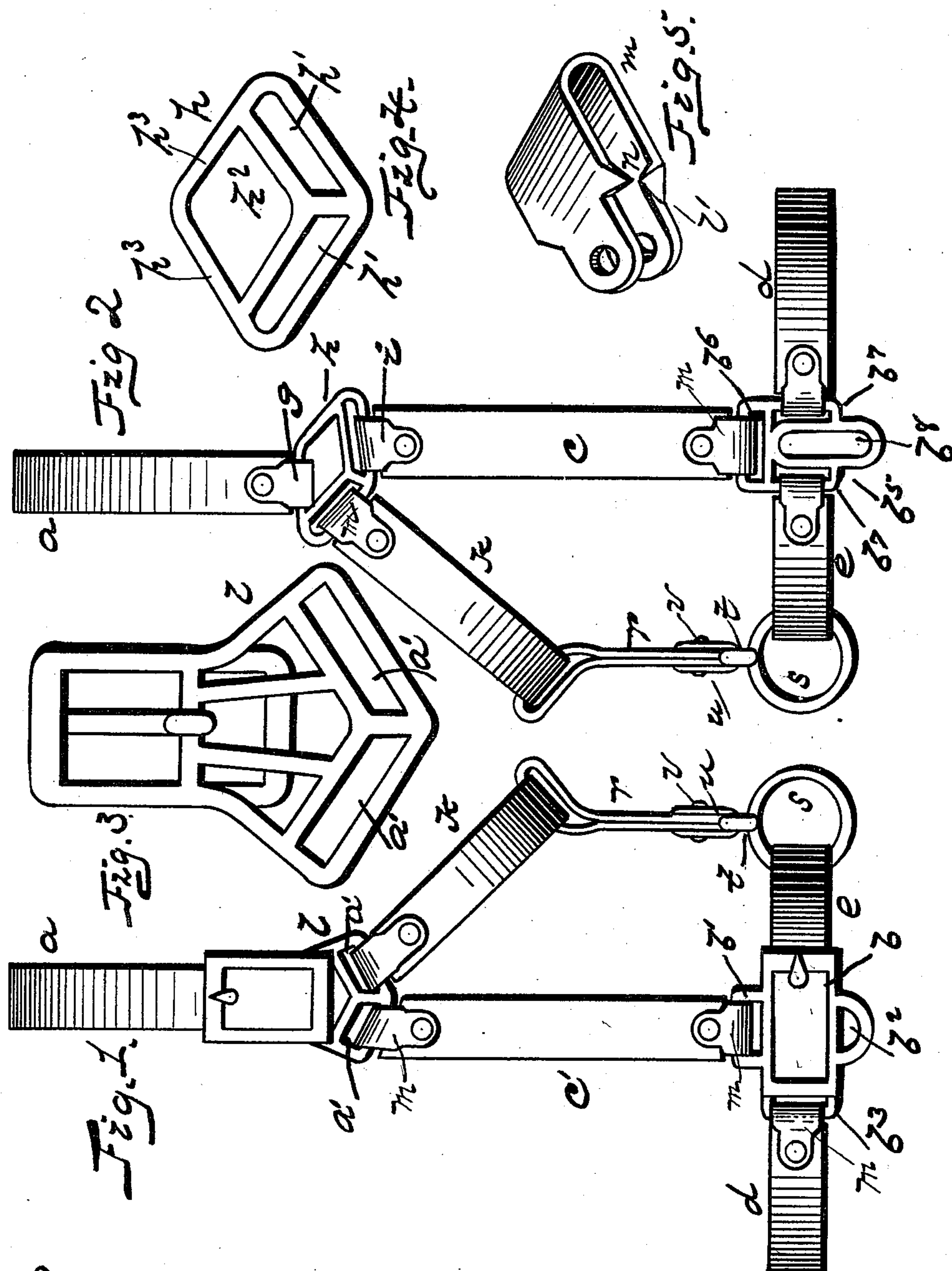


(No Model.)

A. H. WILSON & W. HARVEY.  
HALTER.

No. 441,732.

Patented Dec. 2, 1890.



WITNESSES  
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# UNITED STATES PATENT OFFICE.

AUGUSTUS H. WILSON AND WILLIAM HARVEY, OF READFIELD, MAINE.

## HALTER.

SPECIFICATION forming part of Letters Patent No. 441,732, dated December 2, 1890.

Application filed March 8, 1890. Serial No. 343,198. (No model.)

*To all whom it may concern:*

Be it known that we, AUGUSTUS H. WILSON and WILLIAM HARVEY, both citizens of the United States, residing at Readfield, in the county of Kennebec and State of Maine, have invented certain new and useful Improvements in Halters; and we do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to improvements in bridles and halters; and it consists in the construction and novel arrangement and combination of parts, as will be hereinafter fully described.

The annexed drawings, to which reference is made, fully illustrate this invention, in which—

Figure 1 represents a side view of the halter, being the left-hand side. Fig. 2 is also a side view of the right-hand side of the same. Fig. 3 is a rear view of the buckle, showing the skeleton frame and its inclined loops. Fig. 4 is a face view of the frame *h* of the halter. Fig. 5 is a perspective view of one of the clips.

Referring by letter to the accompanying drawings, *a* designates the headstall of the halter, *c c'* the cheek-straps, and *d* and *e* the nose-strap and chin-strap. The headstall is connected at one end by a metal clip *g* to a sector-shaped wire frame *h*, to which also one end of the cheek-strap *c* is secured by a clip *i*, which, as all of the other clips, is secured to the leather or other material of which the flexible parts of the halter or bridle are constructed by rivets, which are upset in the usual manner. To the upper end of the cheek-strap *c'*, and also to one end of the throat-strap *k*, is secured a combined buckle and frame *l*, to the lower diversely and upwardly inclined portions of which, forming loops, are secured by clips the other end of the throat-strap and the upper end of the

cheek-strap *c'*. These loops, buckle, and frame, as shown clearly in Fig. 3 of the drawings, are formed in one piece, and the loops *a' a'* are designed to receive the cheek and throat strap.

The lower buckle *b* of the halter is constructed with an upper loop *b'*, a lower loop *b<sup>2</sup>*, and a rear or end loop *b<sup>3</sup>*. To the former loop the lower end of the cheek-strap *c'* is clipped, and to the loop *b<sup>3</sup>* the nose-band *d* is clipped, while the loop *b<sup>2</sup>* serves to attach a bit to the halter by a well-known snap-hook in the usual manner. On the opposite side of the halter is a frame *b<sup>5</sup>*, having an upper loop *b<sup>6</sup>*, to which the lower end of the cheek-strap *c* is clipped, side loops *b<sup>7</sup> b<sup>7</sup>*, to which the nose and chin bands are secured, and a central loop *b<sup>8</sup>*, to which a snap-hook is attached in securing a bit to said halter. The frame *h* has the inclined loops *h' h'*, upper loop *h<sup>2</sup>*, and inclined bars *h<sup>3</sup>*, all of which receive clips for securing the headstall, throat-latch, and cheek-strap *c* to one another, as clearly shown in Fig. 2 of the drawings. These clips *m*, as shown in Fig. 5 of the drawings, are provided with clinching-teeth *n*, which penetrate the flexible material and prevent clips from lateral movement, and are secured, further, by a rivet passing through the clip and leather.

The throat-strap is provided with a sliding strap *r*, which has connected to its lower end a ring *s*, having a loop *t*, a metal clip *u* and a rivet *v* being employed to secure it in place.

The lead-strap of the halter is provided with a hook *w*, which is connected to the strap by a clip *x*, screw-bolt *y*, and a nut *z*, having a point which enters the clip and material. This modification is shown in Figs. 6, 7, and 8.

There are no stitches, it will be seen, used in the construction of the bridle or halter, and the bit may be connected with and disconnected from the cheek-pieces at pleasure, thus converting the halter into a bridle.

What we claim is—

The combination, with the buckle-frame, of the clip *m*, having attaching-spurs *n*, the

buckle-frame  $l$ , having the loops  $a' a'$ , buckle  
 $b$ , having the upper loop  $b'$ , front loop  $b^3$ , the  
frame  $b^5$ , having upper loop  $b^6$ , side loops  $b^7 b^7$ ,  
and central loop  $b^8$ , as specified, the straps  
5 comprising the halter, and the frame  $h$ , con-  
sisting of the diverging loops  $h' h'$ , headstall  
and loop  $h^2$ , ring  $s$ , and strap  $r$ , all as and for  
the purpose set forth.

In testimony whereof we affix our signa-  
tures in presence of two witnesses.

AUGUSTUS H. WILSON.  
WILLIAM HARVEY.

Witnesses:

HARRY C. WILSON,  
JAMES E. HARVEY.