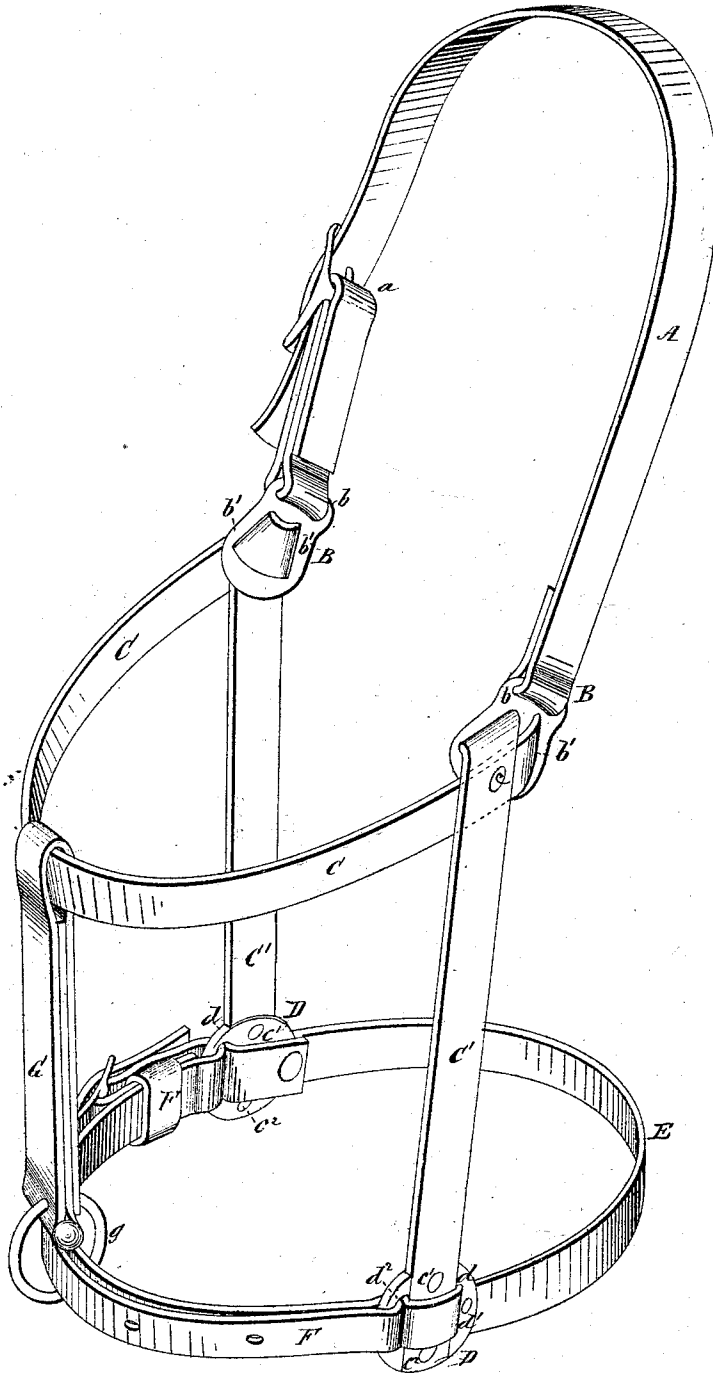


T. L. WISWELL.

Manufacture of Halters and Bridles.

No. 147,885.

Patented Feb. 24, 1874.



Witnesses
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THEODORE L. WISWELL, OF OLATHE, KANSAS.

IMPROVEMENT IN THE MANUFACTURE OF HALTERS AND BRIDLES.

Specification forming part of Letters Patent No. 147,885, dated February 24, 1874; application filed June 14, 1873.

To all whom it may concern:

Be it known that I, THEODORE L. WISWELL, of Olathe, Johnson county, in the State of Kansas, have invented a new and Improved Halter and Bridle; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing forming a part of this specification.

The invention will first be fully described, and then pointed out in the claims.

The drawing is a perspective view of my improved halter or bridle headstall.

A is the crown-piece, which passes through a slot, *b*, of the metallic plate B, and is fastened at both ends, being made adjustable at *a*. C is the throat-band, which is passed through converging oblique slots *b'* *b'* of plate B, is riveted at *c*, then passed down (to form the sides C' C') into a groove, *d*, of plate D, and riveted at *c'* *c'*. *c''* *c''* are the slots by which the bridle-bit, when used, is connected with the headstall. E is a nose-piece, one end of which is carried through the two slots *d'* *d'*, while through the latter the doubled and adjustable rear strap F is passed. The straps C F are connected by the vertical strap G, which is trebled and provided with a ring, *g*, at the lower end, for the reception of the halter-strap.

By this mode of combining the parts of a halter or bridle, several advantages result.

The connection of the crown-piece A and the throat-band by the obliquely-slotted plate B prevents the throat-band from tearing out, while it causes a more easy set on the head, any adjustment of the two leather pieces drawing equally on either.

In the present mode of doubling the leather over rings, the leather cuts out at the fold long before it is worn out elsewhere, while, being riveted flat in my bridle or halter, the wear is uniform, and consequently the general durability very much augmented.

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

1. The cheek or side piece C' and throat-piece C, combined with connecting-buckles B, having the slots *b* *b'*, as described, to enable the said pieces to be riveted flat at *c*, and thus prevent unequal wear, as well as secure an always easy fit upon the horse's head.

2. The straps E, F, and C', combined with the two connecting-plates D D, having groove *d* and slots *d'* *d'*, as described.

3. A headstall for halter or bridle, consisting of the straps A C C' E F G, plates B B D D, and ring *g*, constructed substantially in the manner described.

THEODORE LEROY WISWELL.

Witnesses:

H. S. BLAIR,
T. H. BLAIR.