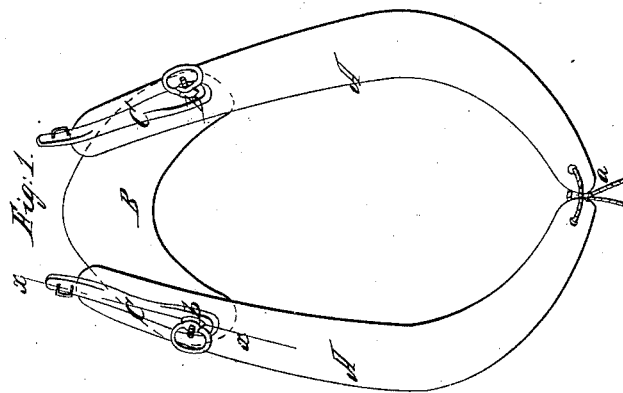
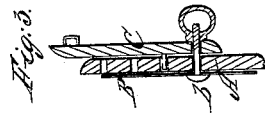
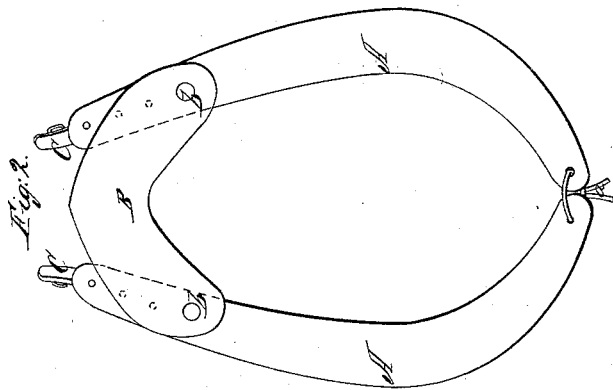


C. J. Fisher,
Horse Collar,
N^o 49,743. Patented Sep. 5, 1865.



Witnesses:

Wm. Brown
C. J. Fisher

Inventor:
C. J. Fisher
per Munn & Co
Attorneys

UNITED STATES PATENT OFFICE.

C. J. FISHER, OF WAUKON, IOWA.

IMPROVEMENT IN HORSE-COLLARS.

Specification forming part of Letters Patent No. **49,743**, dated September 5, 1865; antedated August 27, 1865.

To all whom it may concern:

Be it known that I, C. J. FISHER, of Waukon, in the county of Allamakee and State of Iowa, have invented a new and useful Improvement in Horse-Collars; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a front view of my invention; Fig. 2, a rear view of the same; Fig. 3, a section of the same taken in the line *x x*, Fig. 1.

Similar letters of reference indicate like parts.

This invention consists in constructing a horse-collar with a wooden front portion, the rear being of leather or other flexible material, stuffed or padded, said wooden portions being provided with a leather yoke or pad and connected by a strap, all being arranged as hereinafter set forth, whereby a great saving is effected both in labor and material, and a very easy and comfortable collar for a horse obtained.

A represent two wooden pieces, which are cut out or formed precisely like the front part of an ordinary leather horse-collar, as shown clearly in Figs. 1 and 2. The lower ends of these wooden pieces A A are connected by a strap, *a*, or any suitable fastening, and to the rear of A A a leather or other flexible or soft substance is secured and stuffed or padded, the wood forming about one-half the material of the collar. The two wooden pieces A A are connected by a leather yoke or pad, B, the

latter being secured to A A by bolts *b b*, which pass through bars C C at the outer sides of the wooden pieces A A, the bars C C extending a trifle above A A and connected by a strap, said strap clearing the yoke or pad B.

The wooden pieces A may have a series of holes for the bolts *b* to pass through, to admit of said bars being adjusted higher or lower, as desired, and the bars C C may each be provided with a steady-pin to fit in one of said holes. By this arrangement it will be seen that the downward strain or pressure is all on the yoke or pad B, and as the latter is connected to A A by bolts *b*, which act like pivots, it will be seen that the yoke or pad will move to correspond with the movement of the neck of the horse, and will also conform to the shape of the top and sides of the neck, and held to the proper width by the strap at the upper ends of the bars C C.

This collar may be very cheaply constructed, a saving being effected both in labor and time.

I claim as new and desire to secure by Letters Patent—

1. The wooden front parts, A A, of the collar, connected at their upper ends by a yoke or pad, B, of leather or other flexible material, substantially as set forth.

2. The attaching of the yoke or pad B to the wooden pieces A A by the bolts *b*, in connection with the bars C C, substantially as and for the purpose specified.

C. J. FISHER.

Witnesses:

GEO. H. MCCLASKEY,
LEROY O. BEARCE.