

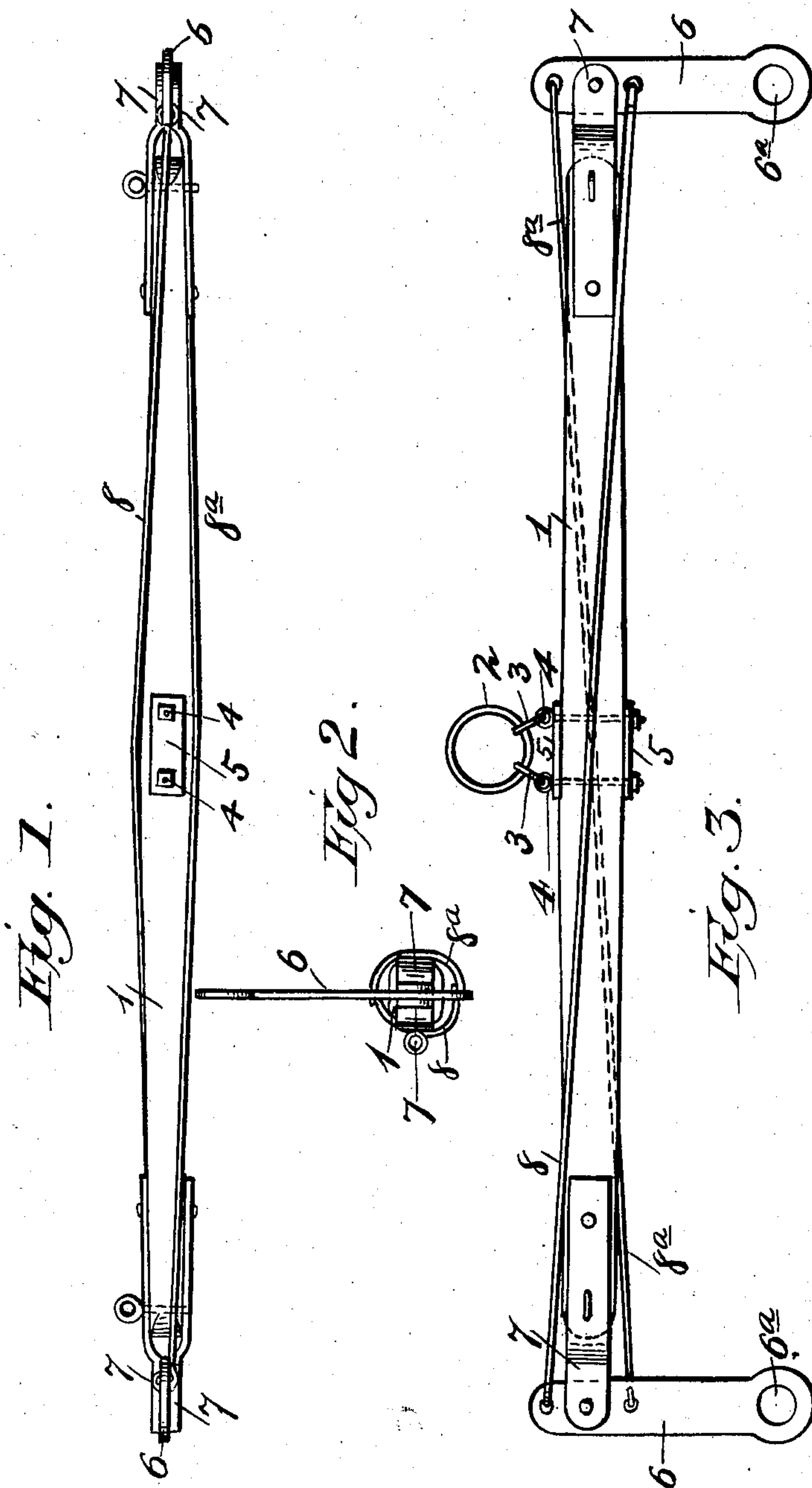
No. 742,042.

PATENTED OCT. 20, 1903.

A. S. LEWIS.
NECK YOKE.

APPLICATION FILED AUG. 5, 1903.

NO MODEL.



Witnesses:
L. L. Durkin
W. H. Burdand

By his Attorneys

Inventor
Albert S. Lewis.
Louis Baggett & Co.

UNITED STATES PATENT OFFICE.

ALBERT SHERMAN LEWIS, OF YELLVILLE, ARKANSAS.

NECK-YOKE.

SPECIFICATION forming part of Letters Patent No. 742,042, dated October 20, 1903.

Application filed August 5, 1903. Serial No. 168,360. (No model.)

To all whom it may concern:

Be it known that I, ALBERT SHERMAN LEWIS, a citizen of the United States, residing at Yellville, in the county of Marion and State of Arkansas, have invented new and useful Improvements in Neck-Yokes, of which the following is a specification.

My invention relates to improvements in breast-yokes for wagon or vehicle tongues; and it has for its object to greatly lessen or reduce the transmission of the jerking action of the tongue to the horse's neck as produced in the event of one of the front wheels striking an obstacle or dropping into a rut or hole in the road.

My invention consists of certain details of construction fully described in this specification and more particularly pointed out by the claims and illustrated in the accompanying drawings, in which—

Figure 1 is a plan view of my device. Fig. 2 is a lateral view thereof. Fig. 3 is a front view of the same.

Like numerals of reference designate like parts in the different views of the drawings.

The numeral 1 designates a breast yoke or bar of ordinary length, having a pole-ring 2 secured centrally thereof by links 3, engaging eyebolts 4, seated in the bar 1 and passing through apertures in the plate 5, applied to the lower surface of said bar or yoke. Levers 6, arranged in the same plane with said bar, are fulcrumed intermediately of their ends each, preferably, between plates or straps 7 at their outer ends, which extend beyond the ends of said bar, said plates being secured to the opposite front and rear surfaces of the last named. Said levers have their short arms extending below the plane of said yoke and their long arms extending above said plane, the latter arms terminating, preferably, in ring-like portions or eyes 6^a for the convenient attachment thereto of the breast-straps. (Not shown.) Said levers are connected together by rods 8 8^a, arranged oppositely to the front and rear surfaces of said yoke or bar, respectively, and extend in opposite diagonal directions to each other, their points of connection with said levers being effected above and below the pivots or ful-

crums of said levers, respectively. This arrangement, it will be observed, provides for holding the tongue steady and equalizing the jerking action produced by the swaying of the vehicle or wagon tongue, especially as experienced in the event of a front vehicle-wheel striking or contacting with an obstacle or dropping into a rut or hole in the road, thus reducing or lessening the transmission of such action to the necks of the horses or team.

In using my improved breast-yoke the ring 2 is slipped over the end of the pole of the vehicle and the breast-straps (not shown) passed through eyes 6^a, their free ends being then secured to the harness in the usual manner.

I do not wish to be limited as to details of construction, as these may be modified in many particulars without departing from the spirit of my invention.

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

1. A breast-yoke, embracing a bar, levers fulcrumed, intermediately of their ends, upon the ends of said bar, and connecting-rods between said levers, to equalize the movement of said levers.

2. A breast-yoke, embracing a bar provided with means for securing it to the pole of a vehicle, levers fulcrumed upon the ends of said bar, the longer arms of said levers extending above the plane of said bar and adapted to permit the attachment thereto of the breast-straps, and rods connecting said levers upon opposite sides of their fulcrums, respectively.

3. A breast-yoke, embracing a bar, levers fulcrumed intermediately of their ends upon the ends of said bar, and rods connecting said levers upon opposite sides of their fulcrums, respectively, said levers terminating in eyes for the attachment thereto of the breast-straps.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

ALBERT SHERMAN LEWIS.

Witnesses:

J. C. FLOYD,

J. H. HAND,