

(No Model.)

F. C. JOHNSON.

NECK YOKE.

No. 282,529.

Patented Aug. 7, 1883.

Fig. 2.

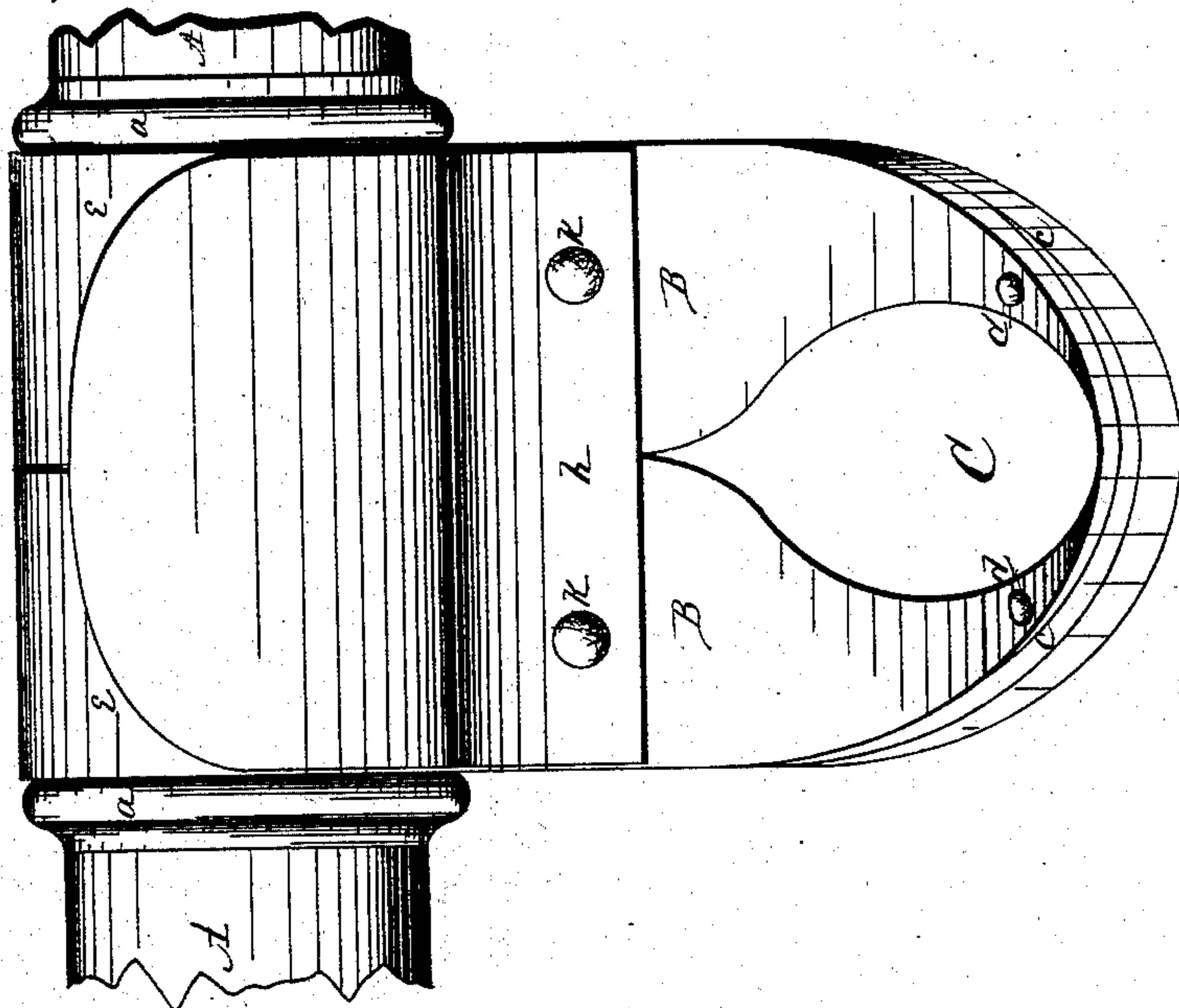
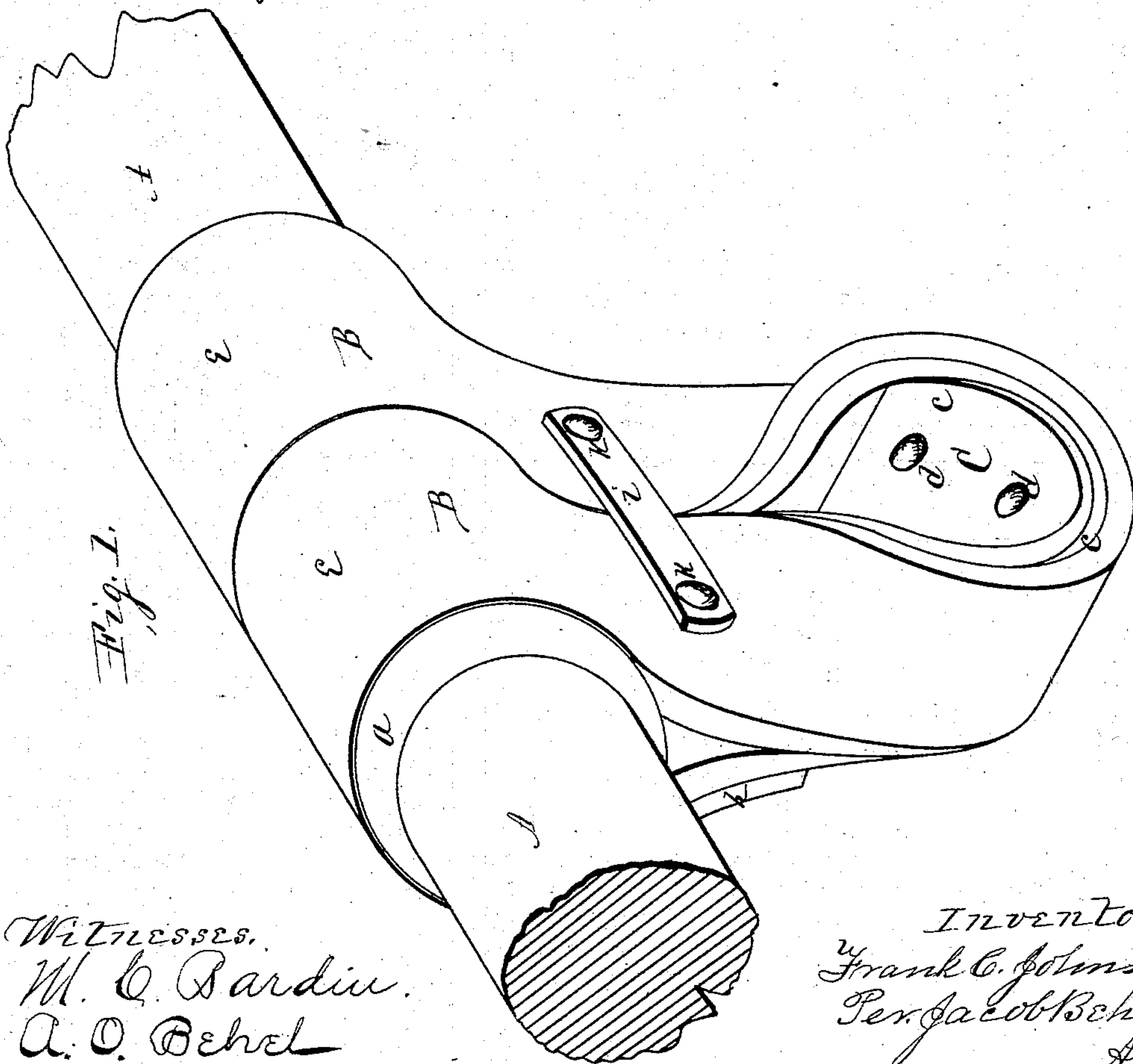


Fig. 1.



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UNITED STATES PATENT OFFICE.

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NECK-YOKE.

SPECIFICATION forming part of Letters Patent No. 282,529, dated August 7, 1883.

Application filed December 21, 1882. (No model.)

To all whom it may concern:

Be it known that I, FRANK C. JOHNSON, a citizen of the United States, residing at Kishwaukee, in the county of Winnebago and State of Illinois, have invented a new and useful Neck-Yoke Center, of which the following is a specification.

This invention relates to neck-yokes employed to connect with the pole or tongue of a vehicle and with the harness of the team. It however relates more particularly to the center clasp portion of the neck-yoke employed to connect with the forward end of the pole; and it consists in a leather clasp produced, mainly, from a single strap, the ends of which are joined to each other by means of rivets, and it is folded in such a manner as to produce end loops to receive the neck-yoke bar, and a single central loop depending from the bar to receive the socket on the end of the pole of the vehicle.

My invention is illustrated in the accompanying drawings, in which Figure 1 is an isometrical representation of my improved neck-yoke center in place on the central portion of the neck-yoke bar, and Fig. 2 is an under face view thereof.

In the figures, A represents the central portion of the wood bar of the neck-yoke, preferably produced from a suitable piece of wood by turning in a lathe, having its central portion provided with annular beads or rings *a*, projecting from its periphery. The center clasp of my improved neck-yoke is produced in this instance mainly from a single strap of leather, represented at B, having its ends at *c* suitably scarfed. This strap is then folded in such a manner that its scarfed ends *c* shall overlap each other, preferably on the center portion of the strap, in which position the parts, or the scarfed ends thereof, are securely fixed to each other by means of rivets *d*, passed through the parts at proper intervals and securely riveted, producing looped ends. This strap is then centrally folded, preferably at the point of its overlappings, in such a manner as to form a loop, C, to receive the end of the pole, or the socket thereon, and to bring

its looped ends *e* together, which are then twisted in opposite directions in such a manner as to bring their end loops in line, or in the same plane. These loops receive the bar of the neck-yoke and embrace that portion thereof between the annular ring-beads *a*. In this position the looped end portions, *e*, of the strap are joined to each other by means of a lining, *h*, placed on their under face, and a transverse strap, *i*, placed on their outer face, both of which are securely fixed to the looped straps by means of rivets *k*, passed through the parts and securely riveted.

From the foregoing it will be seen that I produce at a small cost a reliable neck-yoke center capable of use in connection with pleasure-carriages, and perhaps with all varieties of light vehicles requiring a neck-yoke.

In the foregoing I have represented my improved neck-yoke center as mainly constructed from a single strap of leather, or a strap of leather in one piece, which is very desirable; but it may be constructed from several pieces when such pieces are suitably joined, producing a single piece of sufficient length, and still be within the scope of my invention.

I claim as my invention—

1. A neck-yoke center produced from a leather strap by joining its ends and folding, substantially in the manner herein described, producing a loop to receive the pole-socket and loops in the same line to receive the neck-yoke bar, substantially as and for the purpose hereinbefore set forth.

2. The combination, with the herein-described neck-yoke center produced from a leather strap having its ends joined and folded in the manner shown and described, of an under face-lining and an outside transverse strap connecting the main strap of the neck-yoke center, said lining and transverse strap fixed to the main strap by riveting or otherwise, substantially as and for the purpose set forth.

FRANK C. JOHNSON.

Witnesses:

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