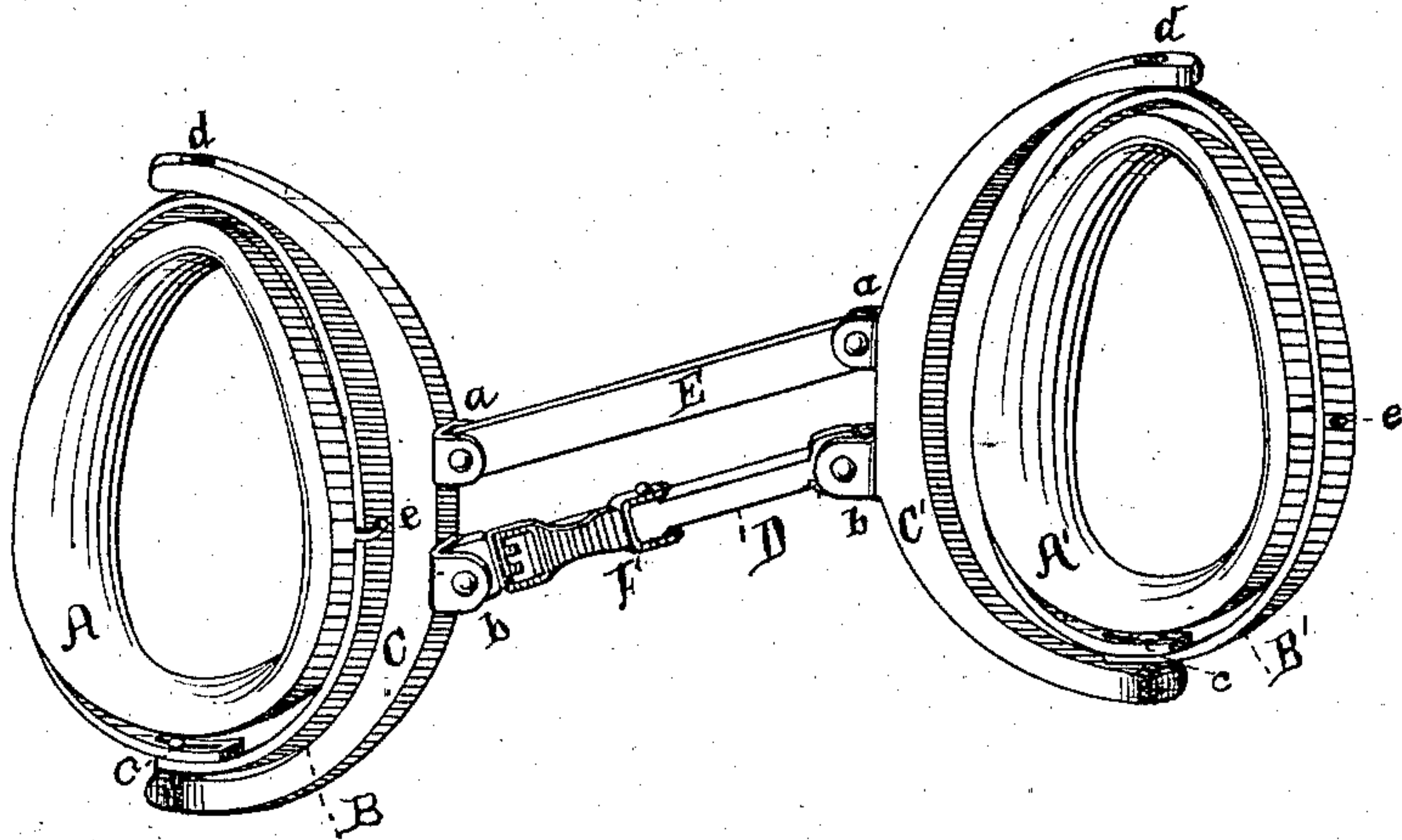


(No Model.)

J. TERRY.
Yoke for Horses.

No. 241,446.

Patented May 10, 1881.



Witnesses:

H. H. Newton
W. E. Fonda

James Terry, Inventor,

By Tracy, Loper & Hilber,
Attorneys.

UNITED STATES PATENT OFFICE.

JAMES TERRY, OF CLEVELAND, OHIO.

YOKE FOR HORSES.

SPECIFICATION forming part of Letters Patent No. 241,446, dated May 10, 1881.

Application filed October 26, 1880. (No model.)

To all whom it may concern:

Be it known that I, JAMES TERRY, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented a new and useful Improvement in Yokes; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon.

My invention relates to certain improvements in yokes for horses, with special reference to their use in plowing, and drawing such loads as logs, &c., and for all draft purposes; and the invention therein consists in the peculiar construction and novel arrangement of the component parts of my yoke, as well as the various novel combinations of such component parts with one another, all as more fully hereinafter explained.

The drawing is a perspective view of my improved yoke, in which—

A A' are the collars. B B' are bows, of metal or other suitable material, having the swivels *e e*, which bring the draft in the same line with the bar D and allow a freedom of movement to the horse's neck. This bow is movable in a horizontal plane upon the swivels *c d*, and a slot at *d* allows a lateral motion. The bows can be increased or decreased in circumference at the slot shown at *e*, to admit larger or smaller collars.

The two arms C C' are joined by the bars D E, having their ends fastened in bearings at *a b*. The lower bar is provided with the clevis, of extra length, (shown at F,) which holds the yoke at the angle desired, and the movement of the collars and their attached parts in an upward and downward direction is limited by the bar E. The draft is upon the lower bar, and the upper one is for the purpose of limiting the freedom of the collars in their movements. It will thus be seen that the two horses can move in two different planes while at work,

and the collars will not be drawn to one side or the other with every change in the position of either animal, the joints also giving a universal freedom of movement to the horse, and without injurious wrenching upon the neck and shoulders, as is common with other devices.

As a single yoke is more convenient than whiffletrees and eveners for drawing logs, dragstone boats, &c., and giving more freedom to the horses, and the weight of eveners and whiffletree on the end of the plow is objectionable, my device will be seen to be much cheaper and more convenient and desirable than the usual form of harness. The draft is from the center of the collar and hame, as in the harness in common use, and nothing is lost in power by its substitution.

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

1. A yoke for draft purposes in which the collars are joined by bars D E, in the manner and for the purposes set forth and described.

2. The collars A A', provided with the swivel-joints *c d e*, as and for the purposes set forth and described.

3. In a yoke, the arms C C', constructed as described, and provided with the bows B B', adapted to be increased or diminished in size, substantially as described and shown, and for the purpose set forth.

4. In a yoke, the combination of the collars A A', provided with the swivel-joints *c d e*, bows B B', arms C C', and the connecting-bars D E, the several parts constructed and arranged to operate substantially as described, and for the purposes set forth.

This specification signed and witnessed this 16th day of June, 1880.

JAMES TERRY.

Witnesses:

GEO. C. TRACY,
A. M. BARNES.