

(No Model.)

A. E. ROBERTS.
REIN GUARD.

No. 580,467.

Patented Apr. 13, 1897.

Fig. 1.

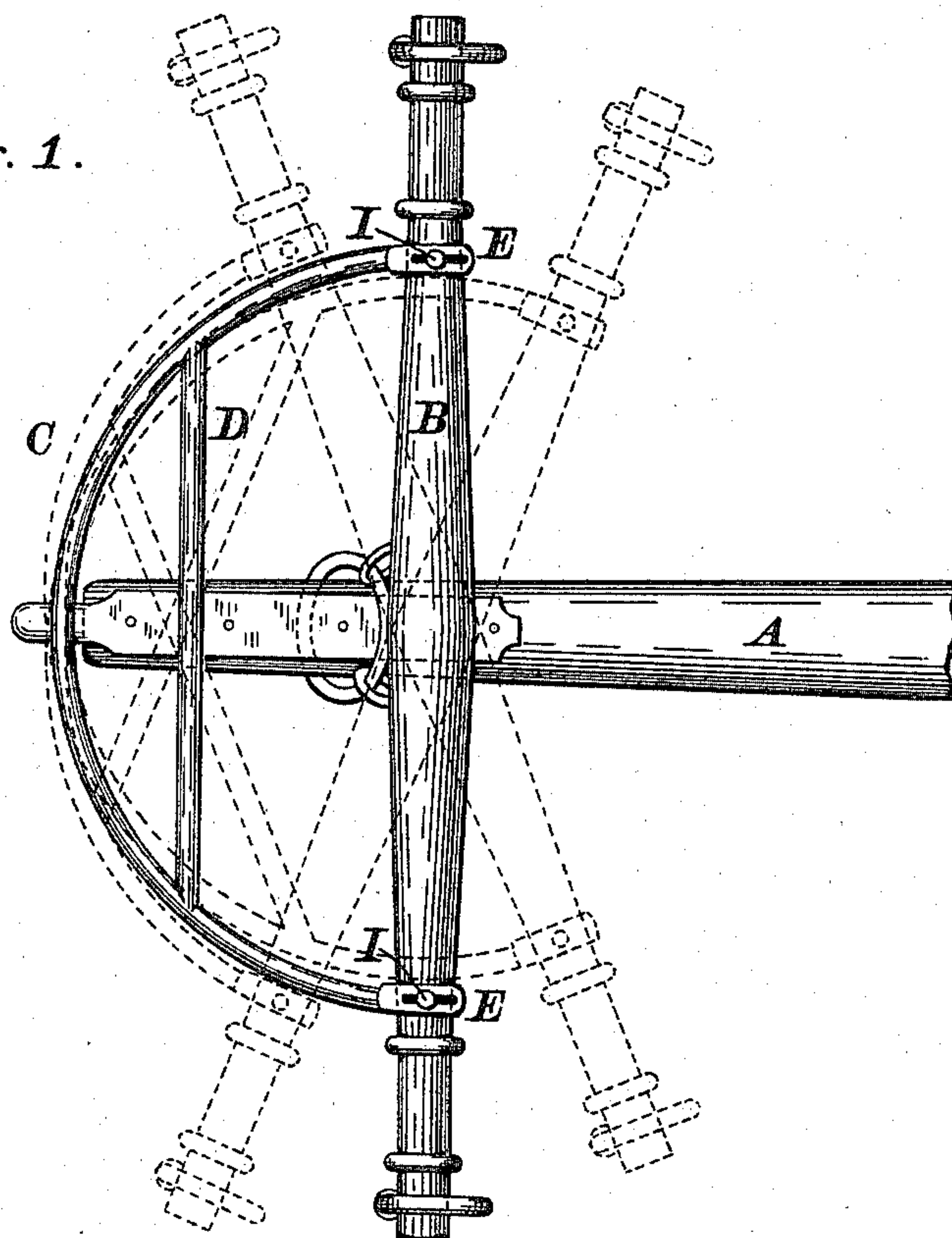


Fig. 2.

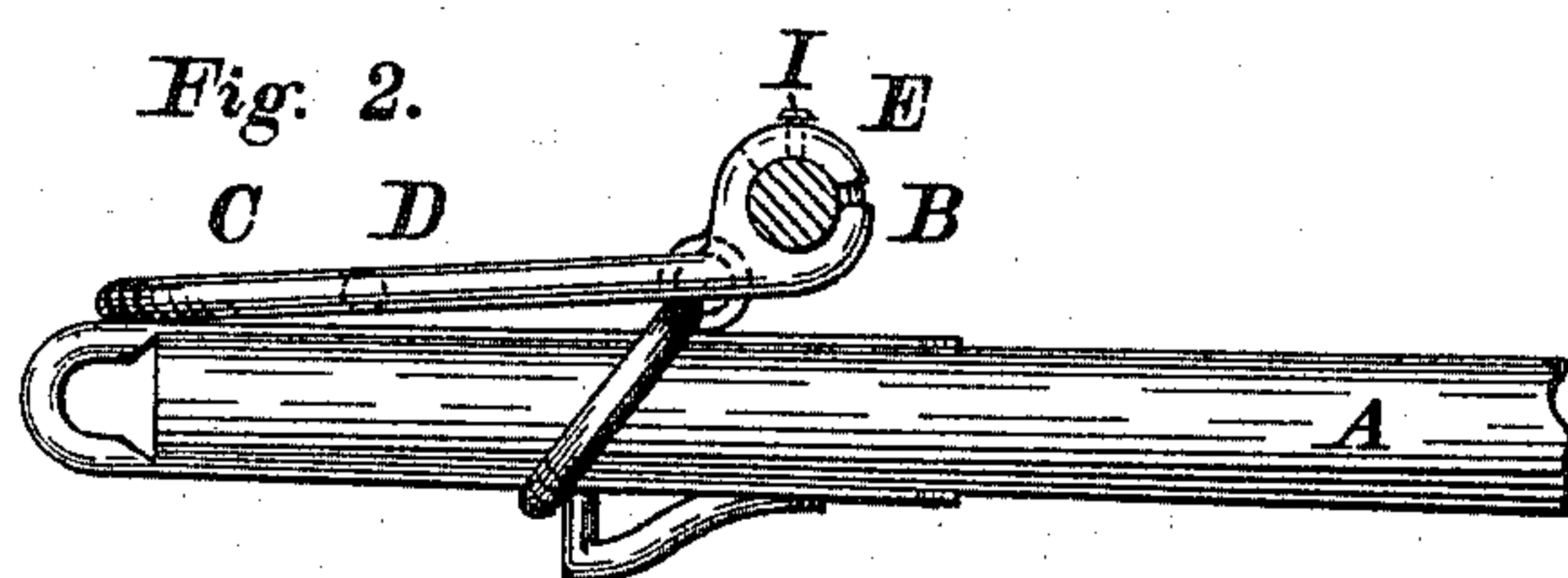


Fig. 3.



WITNESSES;

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REIN-GUARD.

SPECIFICATION forming part of Letters Patent No. 580,467, dated April 13, 1897.

Application filed January 18, 1897. Serial No. 619,693. (No model.)

To all whom it may concern:

Be it known that I, ARTHUR E. ROBERTS, a citizen of the United States, residing at Rochester, in the county of Monroe, in the State of New York, have invented an Improved Rein-Guard, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to an improved rein-guard designed to prevent the reins or bridle from becoming caught underneath the end of the wagon-pole.

My invention is fully described and illustrated in the following specification and accompanying drawings, the novel features thereof being specified in the claims annexed to the said specification.

In the accompanying drawings, representing my improved rein-guard, Figure 1 is a plan view. Fig. 2 is a side elevation. Fig. 3 is a section through the guard.

My improvement is designed to prevent the bridle and cross-reins from being caught underneath the end of the wagon-pole when two horses are used.

It is a great nuisance to the driver of a team of horses to have the bridle and cross-reins become caught underneath the end of the wagon-pole, which projects about one foot in front of the neck-yoke. This often also results in serious accidents. By the use of my invention such difficulties are entirely prevented.

A indicates the wagon-pole, and B the neck-yoke. These parts are of any ordinary or preferred construction.

C indicates the rein-guard, consisting of a curved or semicircular bar or rod of metal fastened to the neck-yoke at its ends and extending forward and resting on the pole, so as to be supported thereby.

D is a cross piece or brace fastened on the inner side of the rein-guard C to strengthen it and to prevent it dropping below the wagon-tongue when the neck-yoke moves forward.

At its rear ends the rein-guard is attached to the neck-yoke by suitable devices, such as the clips E, which are closed down on the

yoke, so as to partially encircle the same. The guard may also be secured in place on the yoke by the screws or pins I, passing through slots in the clips. The yoke may turn in the clips, so that during all the movements of the yoke the guard rests on the pole. In order to prevent noise, I may apply a piece of rubber, leather, or other similar material to the rein-guard or the cross-bar where they bear on the pole, as indicated, for instance, at J, Fig. 3, in which the substance used to deaden the sound is inserted in a recess in the rein-guard.

The rein-guard projects far enough in front of the neck-yoke to make it impossible for the bridle or cross-lines to catch under the end of the pole.

My improved rein-guard is conveniently and cheaply made of malleable iron and may be applied to the yoke by any person possessed of sufficient skill to manage a team. It will be understood that the cross-bar may be arranged in different ways and still perform its function of supporting the rein-guard.

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

1. The combination with the neck-yoke and pole of the curved rein-guard, consisting of a rigid rod loosely jointed to the neck-yoke at its rear end and resting on the pole near its front end, substantially as described.

2. The combination with the neck-yoke and pole of the curved rein-guard, consisting of the rigid rod loosely jointed to the neck-yoke at its rear end and resting on the pole at its front and provided with a rigid cross-brace, adapted to rest on the pole when the rein-guard is in its forward position, substantially as described.

3. The combination with a neck-yoke, of the curved rein-guard C, provided with cross-bar D and having clips at each end attached to the neck-yoke, substantially as described.

ARTHUR E. ROBERTS.

Witnesses:

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