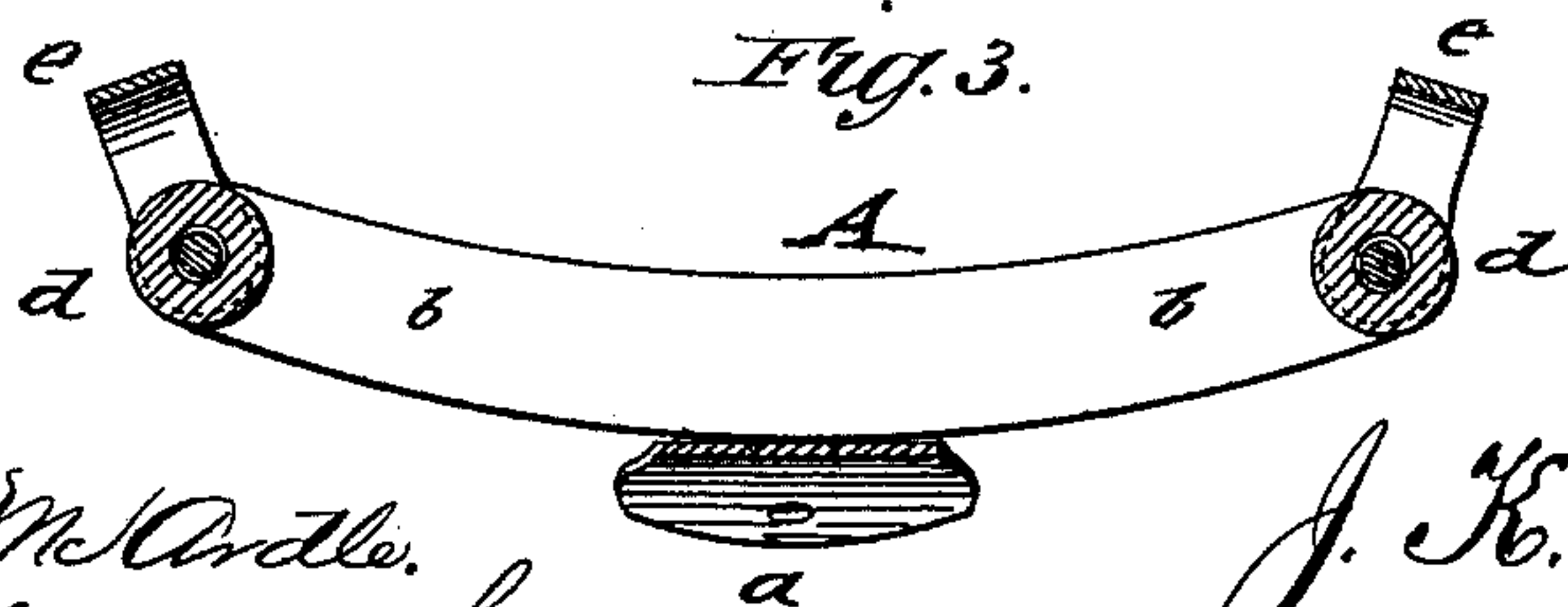
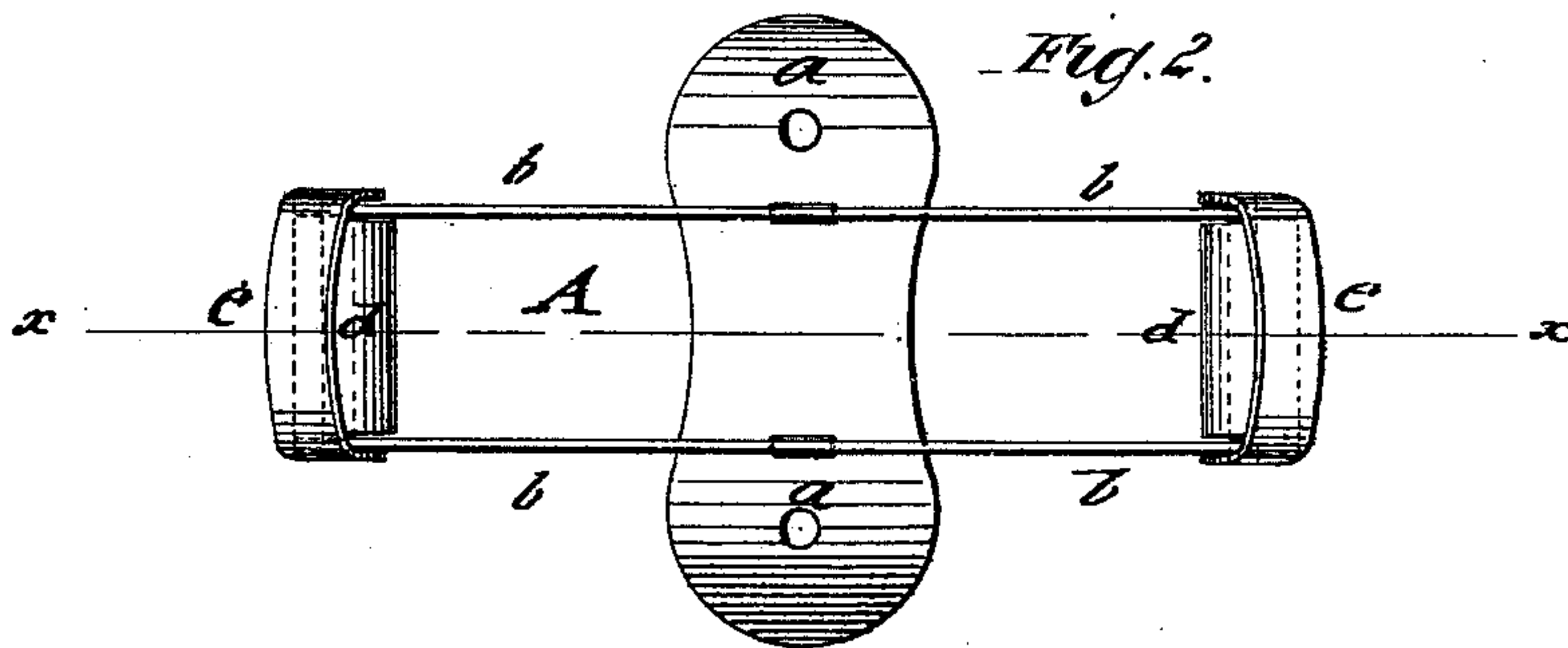
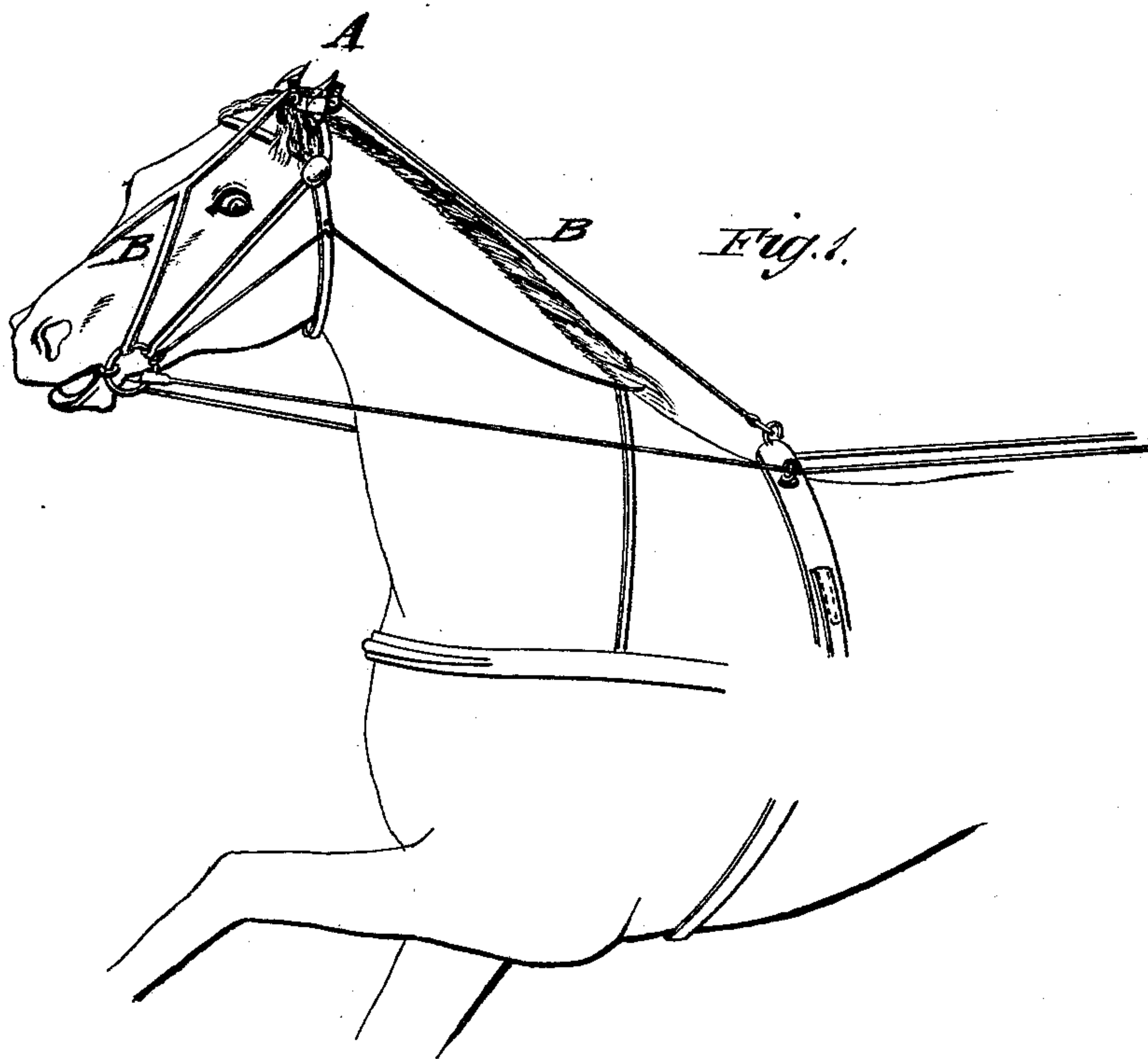


J. K. P. PINE.  
Check-Rein Guide.

No. 215,157.

Patented May 6, 1879.



WITNESSES:

Francis McArdle.  
J. H. Scarborough.

INVENTOR:

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# UNITED STATES PATENT OFFICE.

JAMES K. P. PINE, OF TROY, NEW YORK.

## IMPROVEMENT IN CHECK-REIN GUIDES.

Specification forming part of Letters Patent No. **215,157**, dated May 6, 1879; application filed October 8, 1878.

*To all whom it may concern:*

Be it known that I, JAMES K. P. PINE, of Troy, in the county of Rensselaer and State of New York, have invented a new and Improved Check-Rein Guide, of which the following is a specification.

In the accompanying drawings, Figure 1 represents a perspective view of my improved check-rein guide, shown as applied to the head of a horse. Figs. 2 and 3 are, respectively, a top view of the guide and a vertical longitudinal section of the same on line *xx*, Fig. 2, both on enlarged scale.

Similar letters of reference indicate corresponding parts.

This invention has reference to an improved guide and guard for the check-reins of horses' harness, so that a new style of overdraw check-rein may be used, which is superior to the common check-rein, inasmuch as a single strap from the check-hook on saddleterret to the forehead of horse is all that is required. It obviates a frequent trouble that arises from a greater degree of friction on one side of the divided check-rein strap than on the other, and which causes a sore mouth to the horse and the pulling of the head to one side.

My improved check-rein guide produces a perfect freedom from all friction on the check-rein, and supports it without coming in contact with the crown of the horse's head until it passes down the forehead, while in the rear it is held entirely above the neck without interfering in the least with the same passing thereby from the bridle-bit to the check-hook without friction, rubbing, or chafing in any manner.

The entire check-rein construction is simplified, made more economical, and easier attached.

The invention consists of a check-rein guide and guard attached by a transverse base-plate to the crown-piece of the bridle. The base-plate carries two curved longitudinal side plates, which support in bearings at each end a guide-roller, and above the same a fixed retaining guard-piece.

Referring to the drawings, A represents my improved check-rein guide, and B the check-rein. The check-rein guide A is attached by a transverse base-plate, *a*, to the center of the crown-piece of the bridle, so that the guide is placed midway between the ears of the horse. To the base-plate *a* are rigidly attached two parallel and slightly-curved plates, *b*, which carry in end bearings the loosely-revolving guide-rollers *d*. Above the guide-rollers extend from one side plate to the other yoke-shaped guard-pieces *e*, which retain the check-rein in position on the rollers. The check-rein consists of a single strap that passes from the check-hook on the saddle over the neck and crown of the horse's head, being supported by the guide-rollers clear of the neck. The rein passes then down in front of the horse's head and branches out into two front straps that extend to the bit, as shown in Fig. 1.

The check-rein guide supports the check-rein, so as to prevent the hurting of the horse's head in front or rear, and admits the use of an overhead check-rein of simpler construction and easier attachment.

In place of the roller *d*, supporting-pins without rollers may be used.

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

1. The combination, with a bridle, of a supporting-frame arranged transversely upon and made fast to the middle of the crown-piece, and provided with end rolls on the front and rear extensions, as and for the purpose specified.

2. A check-rein guide and guard consisting of a transverse base-plate, parallel side plates, end guide-rollers, and fixed guard-pieces above the guide-rollers, substantially as specified.

JAMES K. P. PINE.

Witnesses:

M. P. HAMBLIN,

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