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PATENTED SEPT. 12, 1905.

W. E. COLE.

POLE YOKE.

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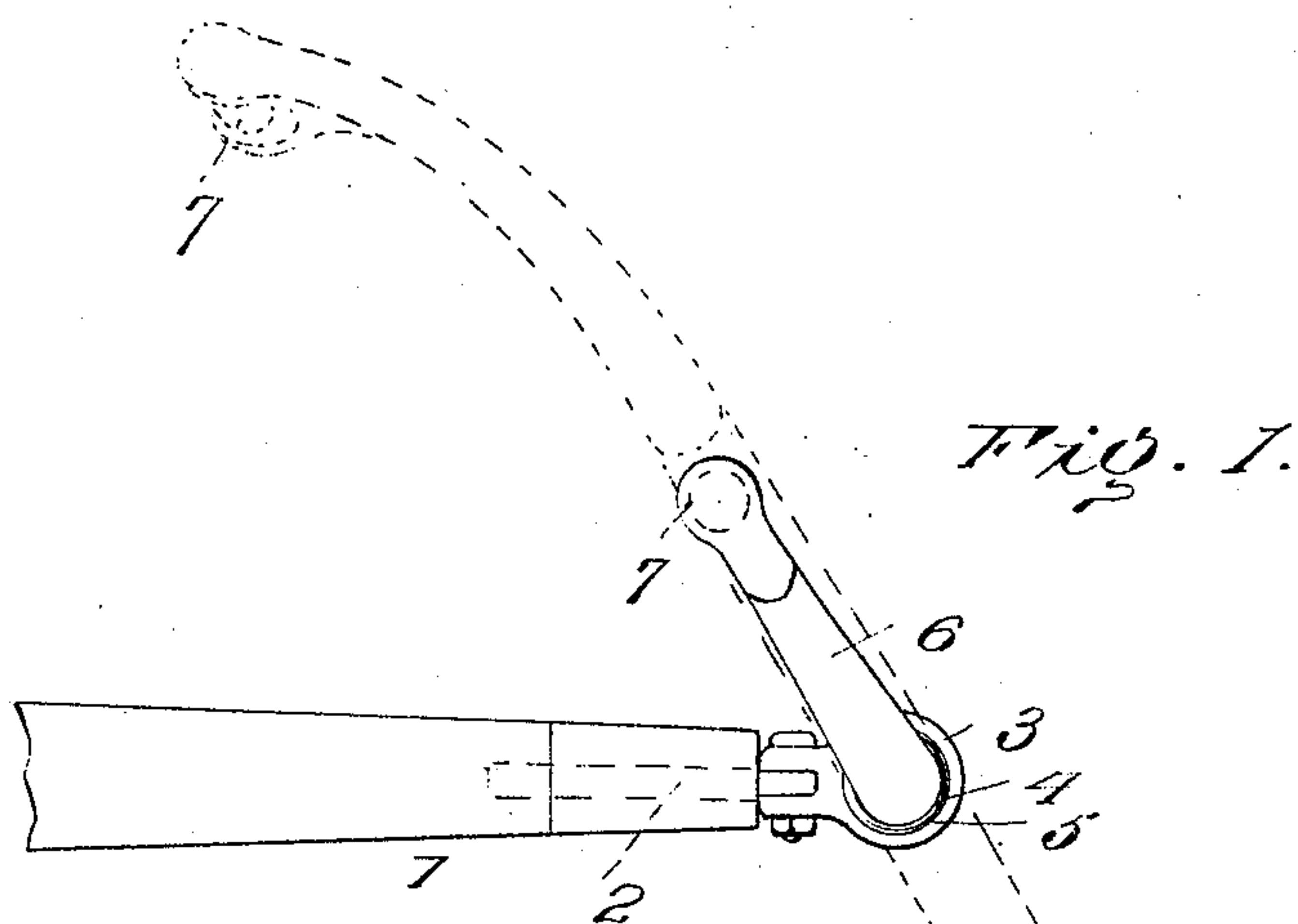


Fig. 1.

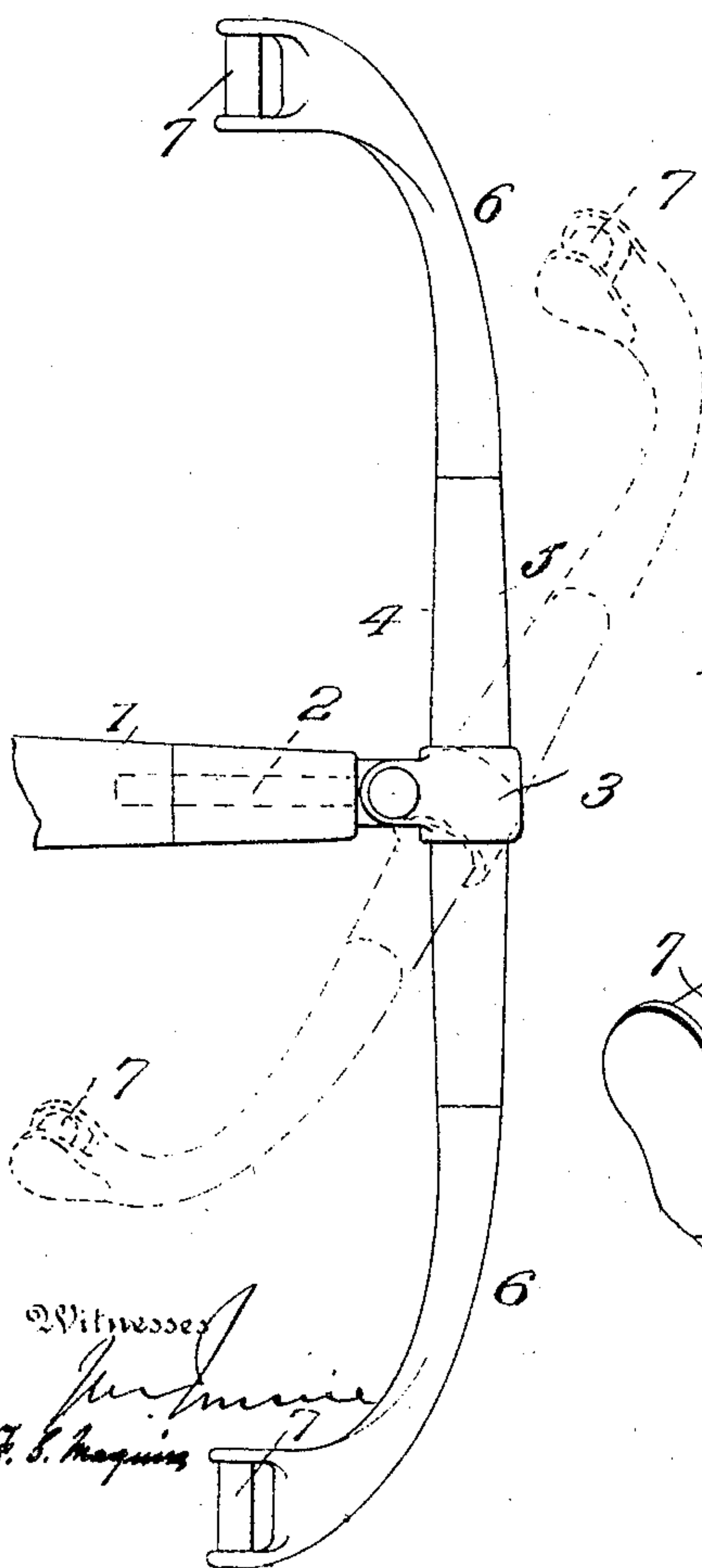


Fig. 2.

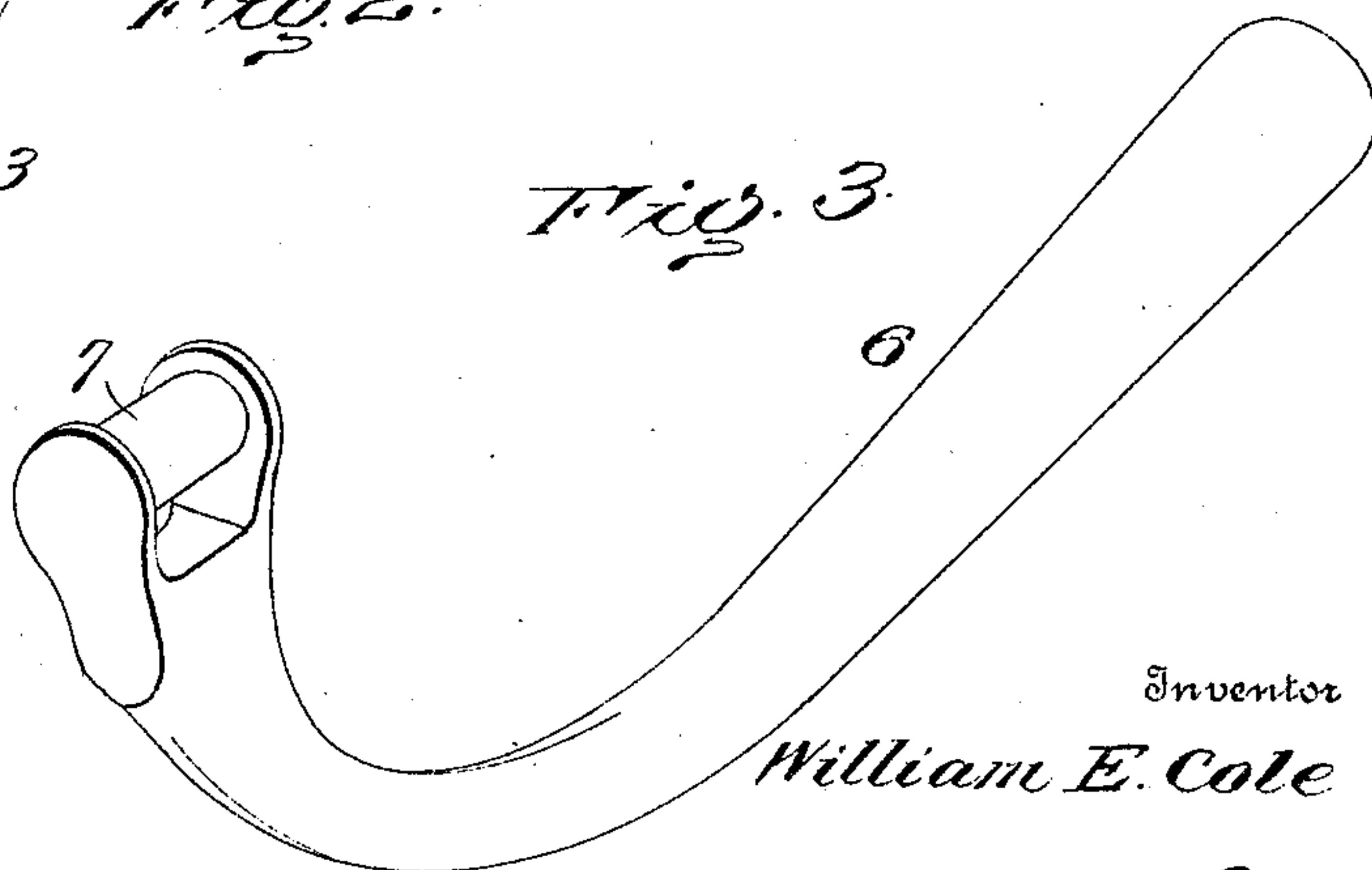


Fig. 3.

Witnesses  
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# UNITED STATES PATENT OFFICE.

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## POLE-YOKE.

No. 799,536.

Specification of Letters Patent.

Patented Sept. 12, 1905.

Application filed March 11, 1905. Serial No. 249,630.

*To all whom it may concern:*

Be it known that I, WILLIAM E. COLE, of Avon, in the county of Livingston and State of New York, have invented certain new and useful Improvements in Pole-Yokes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

10 The object of this invention is to so form a yoke as to guard against the lines or reins becoming entangled with the ends thereof and permit them to be readily disengaged by a slight pull thereon.

15 The invention comprehends the employment of a yoke universally mounted at its center on the end of a pole or tongue, preferably of a light vehicle, and having its ends bent or curved rearwardly and upwardly at an acute angle to the plane of the pole, so that by pulling on a line or rein that may have gotten beneath either end of the yoke the latter will be pulled rearwardly, inwardly, and upwardly sufficiently near the perpendicular to allow the line to readily slide therefrom.

25 The invention will be hereinafter fully set forth, and particularly pointed out in the claims.

30 In the accompanying drawings, Figure 1 is a view in side elevation showing the yoke in the position it is ordinarily caused to occupy when moved to free a line therefrom. Fig. 2 is a plan view, likewise showing such position in dotted lines. Fig. 3 is a view of one of the end sections detached.

35 Referring to the drawings, 1 designates the pole or tongue of a two-horse vehicle, having at its forward end a central bore to accommodate a rod 2, which is free to turn axially therein, said rod at its outer end being pivoted to a clip 3, encircling the yoke 4 at its center. This yoke is preferably composed of three parts, the central section 5 being of wood and the end sections 6 of metal. The latter are made hollow and fit on the tenon ends of the central section, and they are bent or curved rearwardly and upwardly, so that they will be at an angle to the plane of the pole, being pointed at their ends upwardly toward the collars of the horses. Their extreme ends are formed with loops 7 to receive the backing-straps by which the yoke and pole are supported. By curving the ends of

a yoke the reins are less likely to become entangled therewith; but by bending or curving such ends both upwardly and rearwardly at an angle to the plane of the pole any pull on an entangled line will cause the yoke to turn on its pivot and move on an irregular curved line, thereby throwing the end with which the rein is in engagement into such a position as to allow the rein to readily slip therefrom. Furthermore, the loops to which the backing-straps are secured, being formed as continuations of the curved ends of the yoke, do not in any way interfere with the release of a rein and are so located with reference to the yoke proper as to enable the latter to be normally held in its proper position.

The advantages of my improvements are apparent. Aside from the fact that the lines or reins cannot become entangled with the end of a pole, their ready disengagement from the ends of the yoke may be easily accomplished, the drawing of either end of the yoke farther rearwardly and upwardly allowing the lines to readily slide therefrom.

I claim as my invention—

1. The combination with a pole or tongue, of a yoke pivotally mounted on said pole at the end thereof and having its ends curved rearwardly and upwardly at an angle to the plane of the pole.

2. The combination with a pole or tongue, of a yoke pivotally mounted on said pole at the end thereof and having its ends curved rearwardly and upwardly at an angle to the plane of the pole, said ends having loops formed as continuations thereof.

3. The combination with the pole or tongue, of the yoke composed of a central section and two end sections, means for pivotally securing said central section at its center to the end of the pole, the end sections of said yoke being fitted on said central section and at their ends bent or curved rearwardly and upwardly, and loops at the ends of said end sections forming continuations thereof.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

WILLIAM E. COLE.

Witnesses:

J. NOTA MCGILL,  
FRANCIS S. MAGUIRE.