

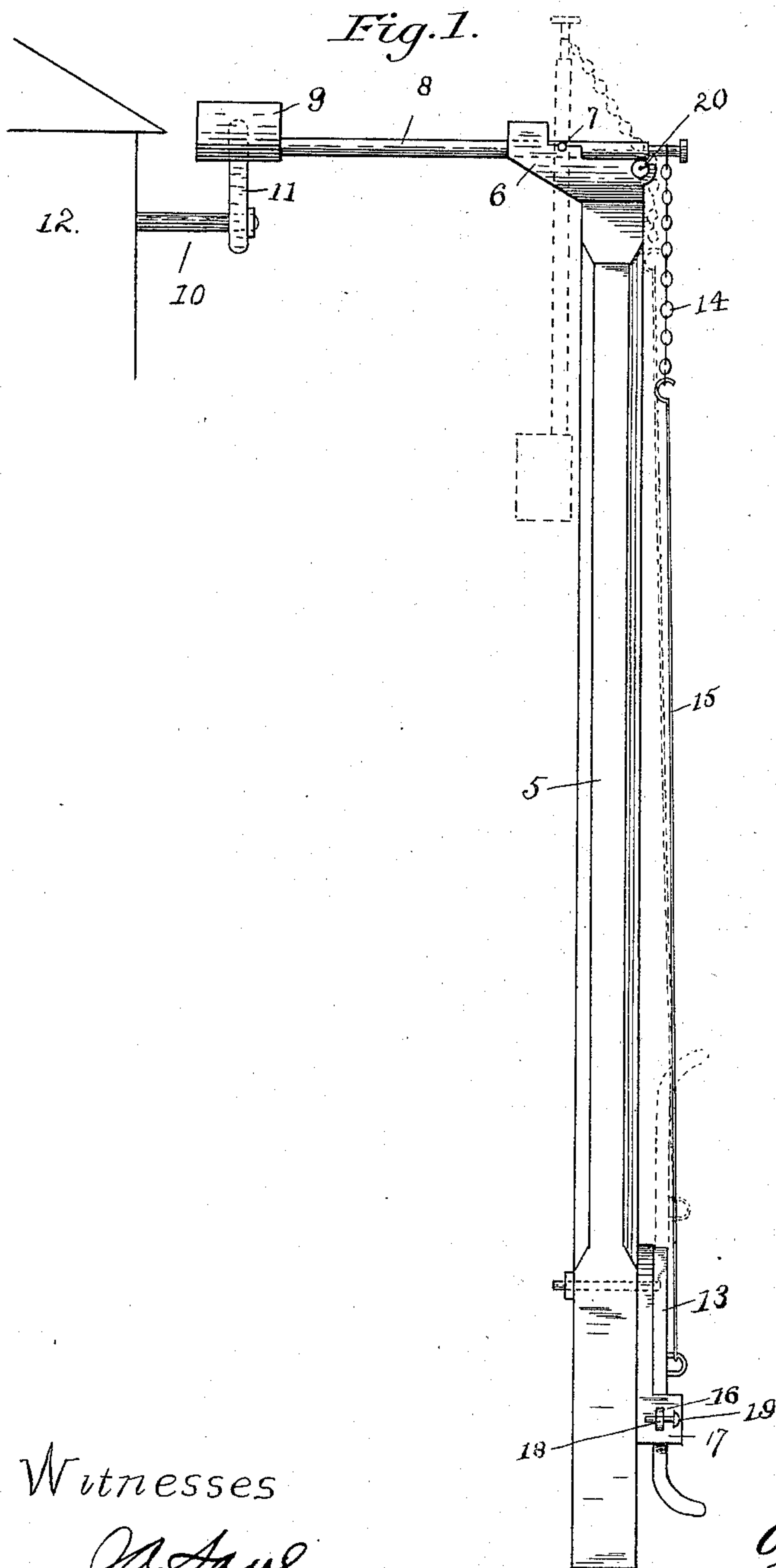
(No Model.)

2 Sheets—Sheet 1.

O. J. MERRITT.
STRIKER ARM FOR STATION INDICATORS.

No. 567,912.

Patented Sept. 15, 1896.



Witnesses

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(No Model.)

2 Sheets—Sheet 2.

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Fig. 2.

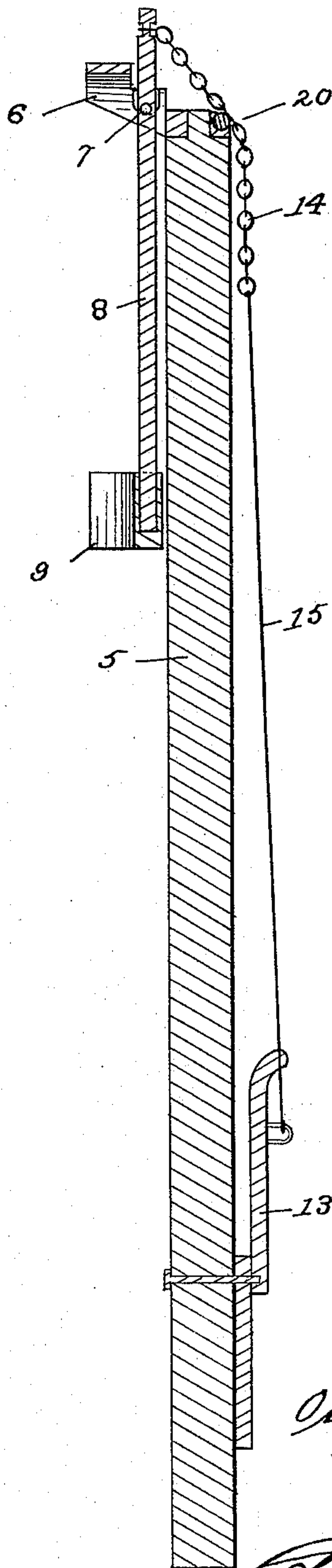
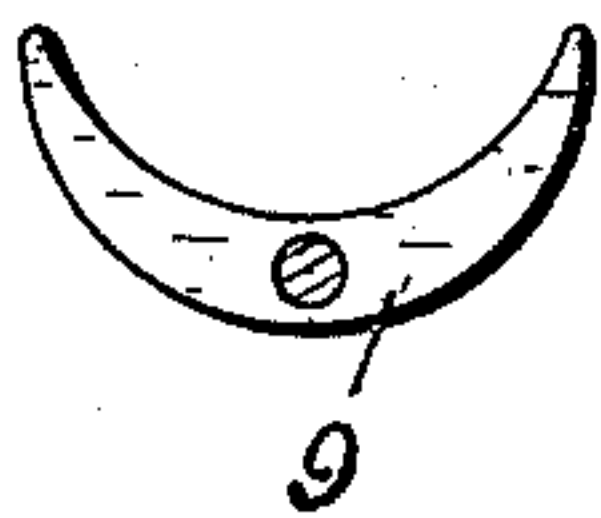


Fig. 3.



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UNITED STATES PATENT OFFICE.

OTIS J. MERRITT, OF SENEAGUOTEEN, IDAHO, ASSIGNOR OF ONE-HALF TO
JOHN J. COSTELLO, OF CŒUR D'ALENE, IDAHO.

STRIKER-ARM FOR STATION-INDICATORS.

SPECIFICATION forming part of Letters Patent No. 567,912, dated September 15, 1896.

Application filed July 16, 1895. Serial No. 556,177. (No model.)

To all whom it may concern:

Be it known that I, OTIS J. MERRITT, a citizen of the United States, residing at Seneaguteen, in the county of Kootenai, State of Idaho, have invented certain new and useful Improvements in Striker-Arms for Station-Indicators; 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.

My invention relates to means for contributing motion to automatically-operated station-indicators, and has for its object to provide a device of this nature which may be placed in the proper position relative to a vehicle carrying an indicator and may be manipulated to extend into or out of such operative relation.

In the drawings forming a part of this specification, and in which like numerals of reference indicate similar parts in the several views, Figure 1 is a side elevation of a post and striker-arm comprising my invention, the striker-arm being extended; and Fig. 2 is a vertical section with the striker-arm depressed. Fig. 3 is an end view of the striker-arm.

Referring now to the drawings, 5 is a post, of wood, metal, or other suitable material, having at its upper end a laterally-extending yoke 6, in which is pivoted at 7 a striker-arm 8, having at its outer end a semicircular or convex block 9, which acts as a weight and tends to normally hold the arm 8 in the position shown in Fig. 2. The object of the convex form of the striker-arm extremity is to effect a gradual release of the flexible spring-lever 11, which it is adapted to operate, the said curvature being in the direction of contact, and which said spring-lever is secured to a shaft 10, forming a portion of the indicating mechanism carried by a car 12.

The upper end of the post 5 is flattened and is adapted to limit the motion of and form a seat for the rear portion of the striker-arm 8, which is drawn from the vertical position shown in Fig. 2 to the horizontal position

shown in Fig. 1 by means of a pivoted lever 13, having connection with the rear end of the said arm through the medium of a flexible section 14, secured to the arm, and a rigid section 15, pivotally attached to the flexible section and to the lever 13.

The lever 13 is provided with a projection 16, extending in the plane of the movement of said lever and adapted to enter an opening in a plate 17, secured to an adjacent portion of the post 5. This plate 17 is extended vertically throughout the length of the said lever and forms a seat therefor. In the extremity of the projection 16 is an opening 18, through which may be inserted a pin 19 or a padlock to lock the lever in the position shown.

At the upper rear corner of the post 5 is arranged a roller 20, the object of which is to lessen the friction of the flexible section 14, which of necessity engages this portion of the post when the arm 8 is raised or lowered.

It is evident that I may vary the particular construction and arrangement herein shown and described without departing from the spirit of my invention.

Having now fully described my invention, what I claim is—

1. In a device of the class described, a pole, a striker-arm pivoted thereto, a roller, a flexible connection attached to the striker-arm and adapted to work over the roller, a rigid connection attached to the flexible connection, and a lever adapted to operate the arm through the medium of said connections.

2. A device of the class described, comprising a pole provided with a laterally-extending yoke and a seat at its upper end, a striker-arm pivoted in said yoke out of alinement with the pole, a lever pivoted to the post, connections between the lever and arm, and a roller adapted to lessen friction of said connection when the arm is moved.

In testimony whereof I affix my signature in presence of two witnesses.

OTIS J. MERRITT.

Witnesses:

JOHN W. PETERS,
T. E. ANDERSON.