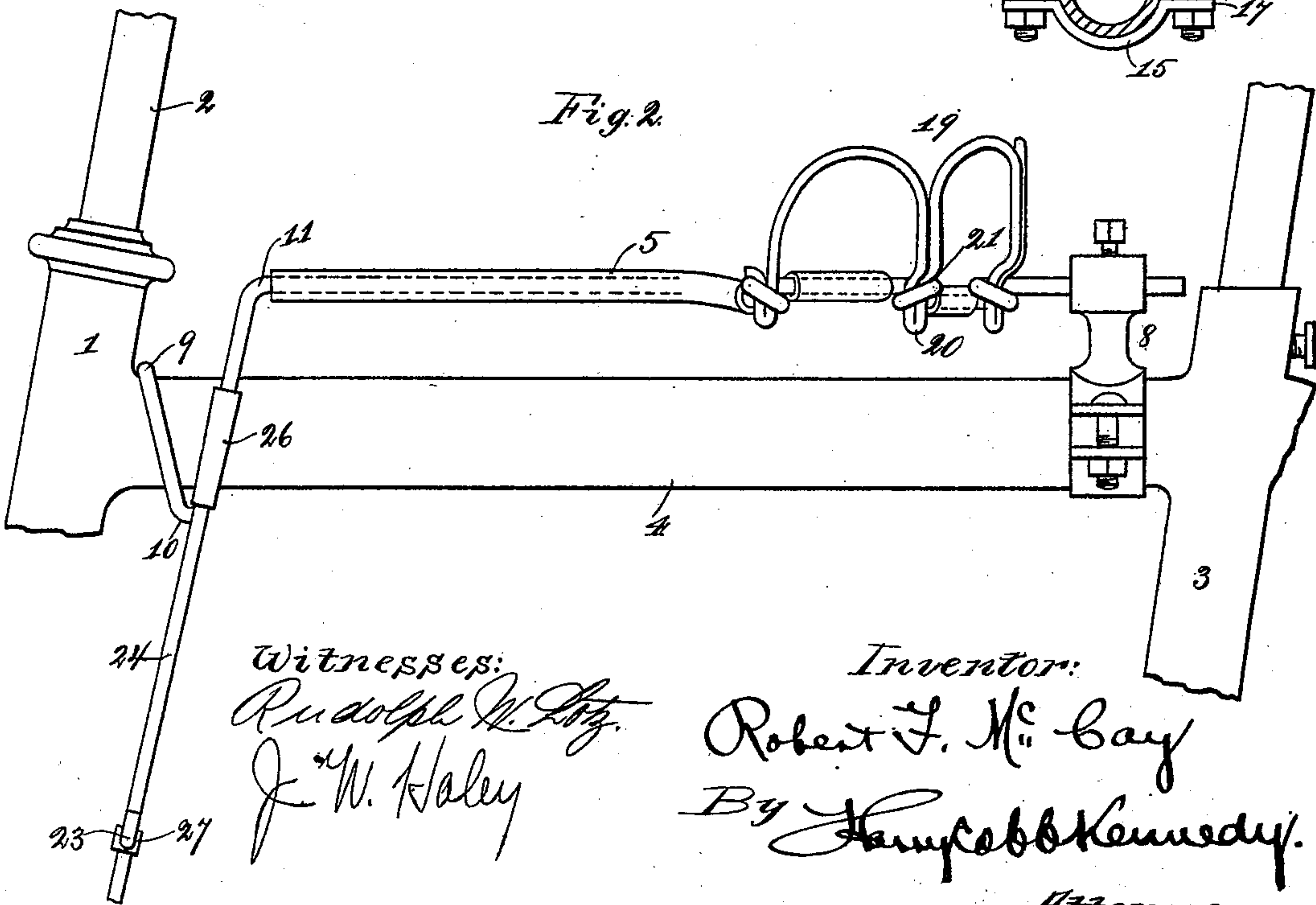
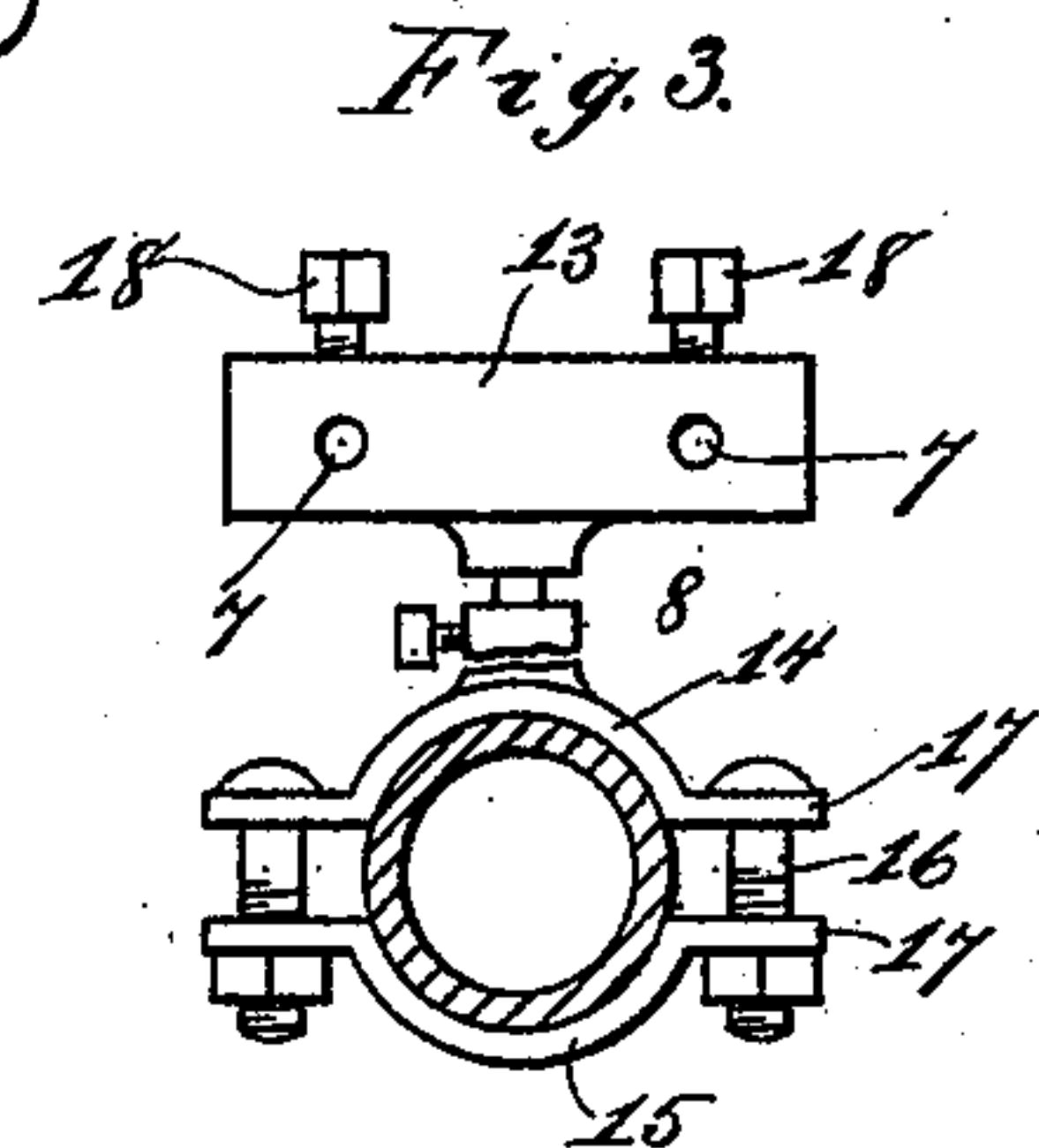
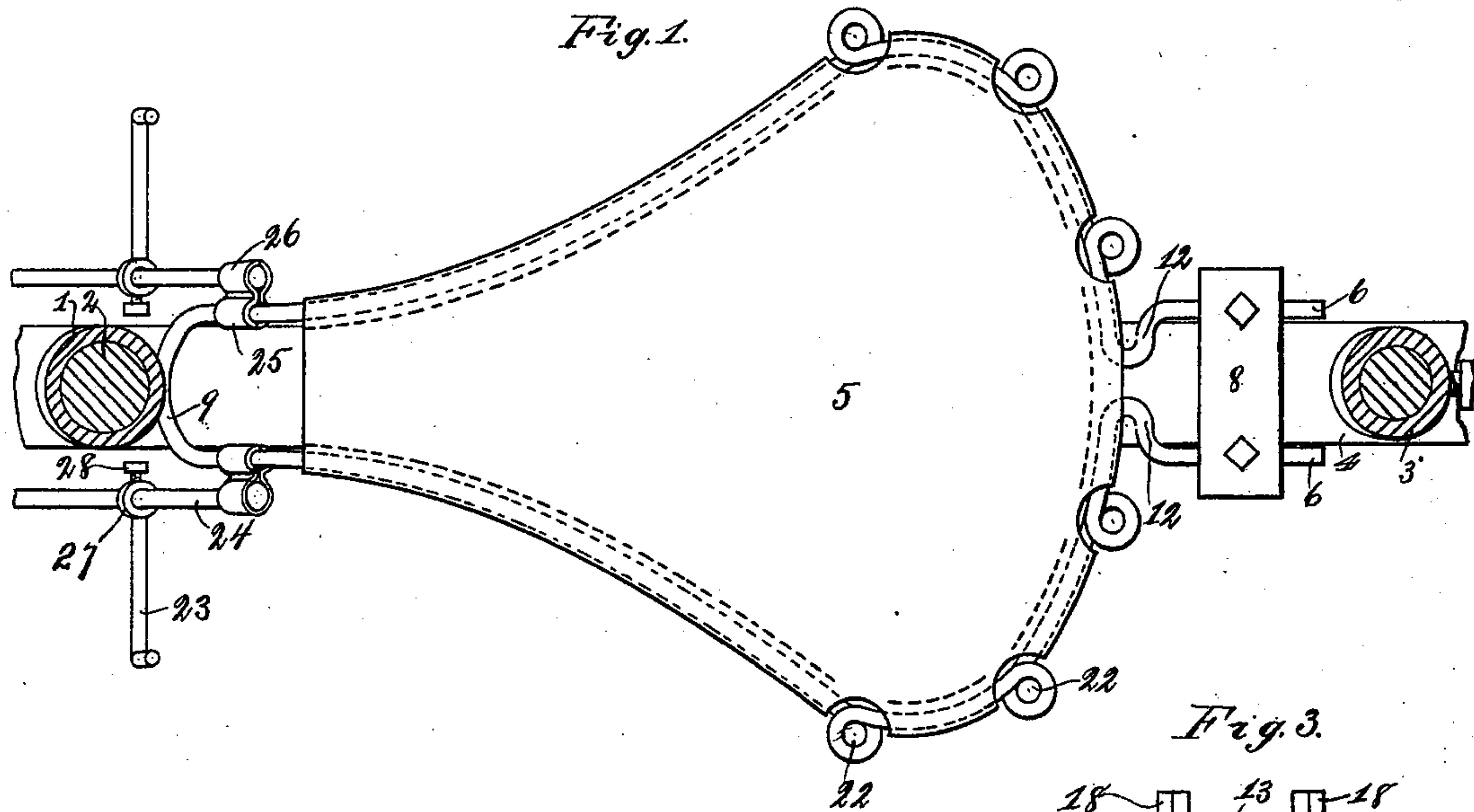


(No Model.)

R. F. McCOY.
VELOCIPEDE SEAT.

No. 539,284.

Patented May 14, 1895.



Witnesses:
Rudolph W. Lutz
J. W. Haley

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UNITED STATES PATENT OFFICE.

ROBERT F. MCCOY, OF CHICAGO, ILLINOIS.

VELOCIPED-SEAT.

SPECIFICATION forming part of Letters Patent No. 539,284, dated May 14, 1895.

Application filed July 5, 1894. Serial No. 516,620. (No model.)

To all whom it may concern:

Be it known that I, ROBERT F. MCCOY, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Velocipede-Seats; 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.

This invention relates to a novel construction in a child's seat for safety bicycles and in the means for attaching such seat to a bicycle, the object being to provide a device of this kind which can be readily applied and removed, occupies a convenient and small space, and provides a safe seat for a child.

The invention consists in the features of construction and combinations of parts herein after fully described and specifically claimed.

In the accompanying drawings, illustrating my invention, Figure 1 is a top plan view of a seat constructed in accordance with my invention and illustrating the accompanying parts of a bicycle. Fig. 2 is a side elevation of the same. Fig. 3 is a front view of a modified bracket for holding the rear end portion of the seat and illustrating the brace-bar of the bicycle in cross-section.

Referring now to said drawings, 1 indicates the bearing for the steering post 2 of the machine, 3 the seat standard, and 4 the brace bar connecting said bearing 1 and standard 3. The seat is mounted upon this brace bar 4 between the bearing 1 and the standard 3. The said seat 5 is made conveniently of one piece of wire suitably bent upon itself, as hereinafter described, and having its end located at the rear end of the seat and forming short straight sections 6 which enter apertures 7 in a bracket 8 that is mounted upon the brace bar 4. In this way the rear end of the seat is supported, while the front end of the seat is supported upon this brace bar, by bending the wire to form two fingers that embrace said brace bar. The said wire in forming this seat is bent upon itself about midway between its ends, but curved so that it will conveniently embrace said brace bar, as shown at 9. Between the portions of said wire forming the seat proper and this bent end 9, another bend 10 is made in both sides

of the wire, as well as the bend 11 adjacent to the seat proper, that is to say, the wire after leaving the seat is first bent downwardly and then upwardly to form these fingers, while the portion between the bend 10 and bend 9 stands out in front of the portion of the wire between the bend 10 and bend 11, so that the front end of the seat support can come in contact with the bearing portion 1 to hold the seat firmly in position. In the rear of the bend 11 the wire is bent outwardly to form a seat of the usual shape, said wire forming the skeleton of the seat. At the rear end of the seat the two pieces of wire almost meet each other and are then turned outwardly, as at 12, and then extend rearwardly to form the short straight end portions 6. A bracket 8, to support these end portions 6, has an upper cross piece 13 provided with the apertures 7 and a saddle 14 that rests upon the brace bar 4 and is firmly held in position thereon by a clip 15 and screws 16 passing through ears 17 on said saddle and clip. In this way it will be seen that the bracket 8 is adjustable on the brace bar 4, so that, if necessary, it can be moved up against the bend 12 of the wire, to hold the seat firmly in position, or, on the other hand, set-screws 18 can be placed in the cross-piece 13 to engage the end portions 6 of the seat, to hold the seat from longitudinal movement.

The wire forming the seat is resilient and makes a spring seat to compensate for any jolting or jarring, as will be obvious.

I also provide a back for the seat, which is shown in Fig. 2. This back 19 is formed of one piece of wire bent upon itself at intervals, as shown, to form fingers 20. Near the lower end of these fingers the two ends of the wires are bent inwardly as at 21, so that when the back 19 is in place it will conform to the body.

To hold the seat in place so that it can be easily removed, the wire forming the seat is provided with a number of sockets 22 corresponding to the number of fingers, and as a convenient construction said sockets 22 consist of eyes made by bending the wire upon itself at intervals, as shown. Foot rests 23 are adjustably secured to depending rods 24 secured to the seat. The said rods 24 are secured to the seat by a coupling consisting

essentially of two sleeves 25 and 26 joined together, and preferably made from a piece of sheet metal. The sleeve 25 is clamped around the wire of the seat between the bends 5 10 and 11, and the sleeve 26 stands on the outer side of the same and is tapered from top to bottom, so that the rod 24 which is tapered at its upper end, will wedge therein. The said sleeve 26 is also made elliptical or 10 otherwise than circular, to prevent the rod 24 turning therein. The foot-pieces 23 are provided on their inner ends with a collar 27 to receive the rod 24, and a set-screw 28 serves to hold the same upon the rod 24 and to per- 15 mit adjustment.

I claim as my invention—

1. The combination with a velocipede having a brace bar 4 provided with a bracket 8, of a seat having a wire frame provided with 20 rearwardly projecting end portions 6 at the rear end engaged by said bracket 8, and downwardly extending fingers at the forward end of said frame to embrace and rest upon said brace bar, substantially as described.

25 2. The combination with a velocipede having a brace bar 4 provided with a bracket, of a seat having a wire frame provided with rearwardly projecting end portions 6 at the rear end, said wire frame being bent at its forward 30 end to form downwardly extending fingers, to embrace and rest upon said brace bar, the middle bend of the wire forming said fingers being in advance of the remaining portion thereof, substantially as described.

3. A seat for velocipedes consisting of a wire 35 frame provided at its rear end portion with a plurality of sockets 22 formed by bending the wire composing said frame upon itself to form eyes, and a back piece consisting of a piece of wire bent upon itself to form a plurality of 40 depending fingers to enter said sockets, and forward and rear end supports for said seat, substantially as described.

4. The combination with a velocipede having a brace bar 4 provided with a vertically 45 adjustable bracket 8, of a seat having a wire frame provided with rearwardly projecting end portions 6 at the rear end engaged by said vertically adjustable bracket 8, and downwardly extending fingers at the forward end 50 of said frame to embrace and rest upon said brace bar, substantially as described.

5. The combination with a velocipede having a brace bar 4 provided with a longitudinally adjustable bracket 8, of a seat having a 55 wire frame provided with rearwardly projecting end portions 6 at the rear side engaged by said longitudinally adjustable bracket 8, and downwardly extending fingers at the forward end of said frame to embrace and rest upon 60 said brace bar, substantially as described.

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

ROBERT F. McCOY.

Witnesses:

HARRY COBB KENNEDY,
RUDOLPH WM. LOTZ.