

No. 654,950.

Patented July 31, 1900.

H. H. COOTE.
BICYCLE SUPPORT.

(Application filed Apr. 19, 1900.)

(No Model.)

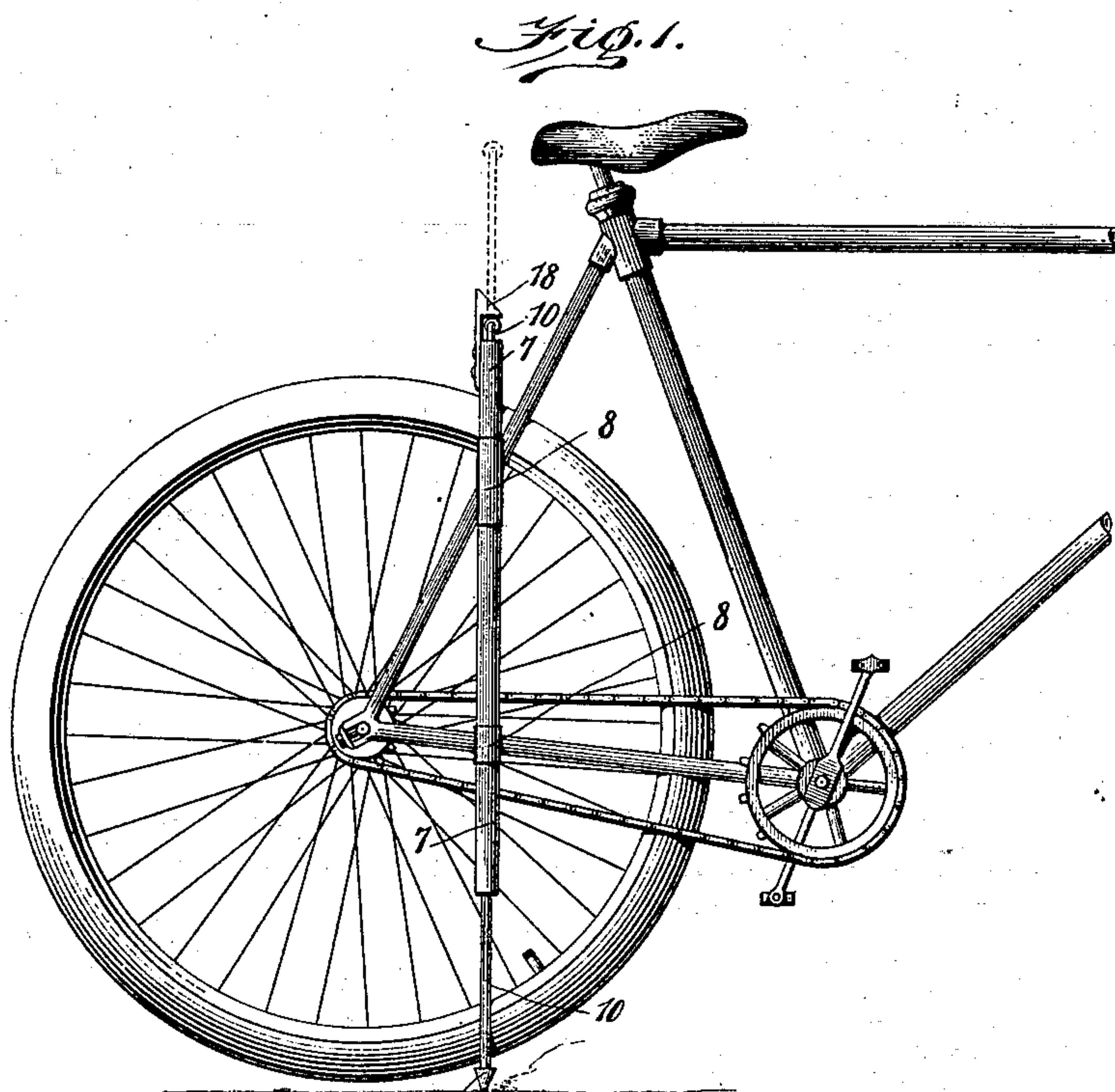
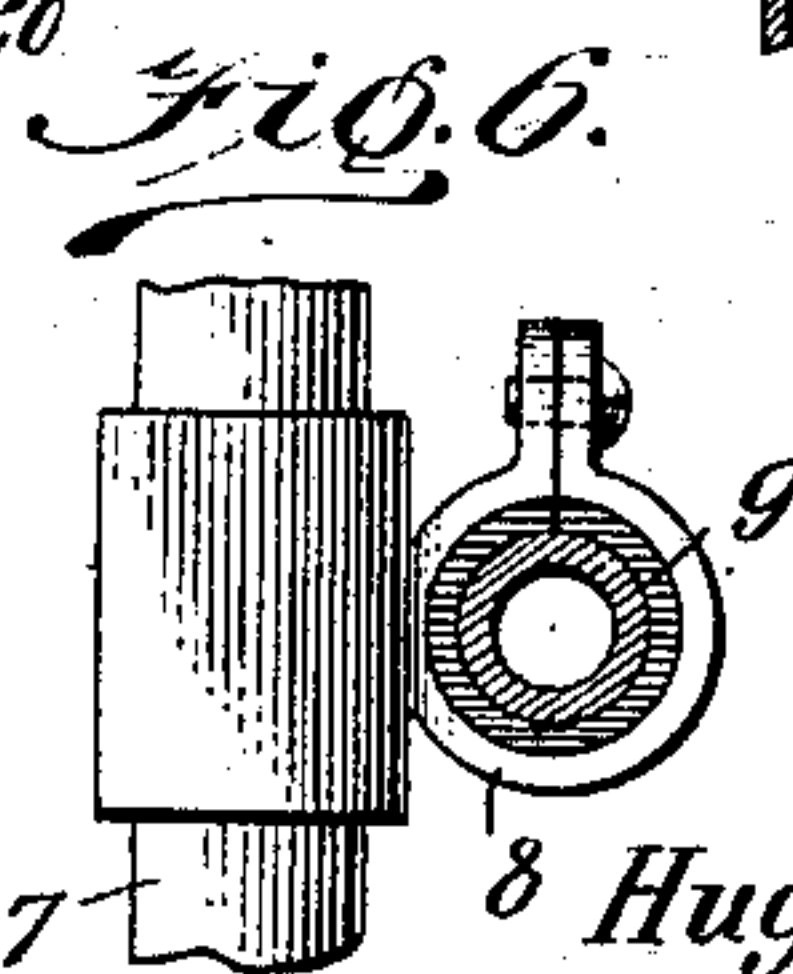
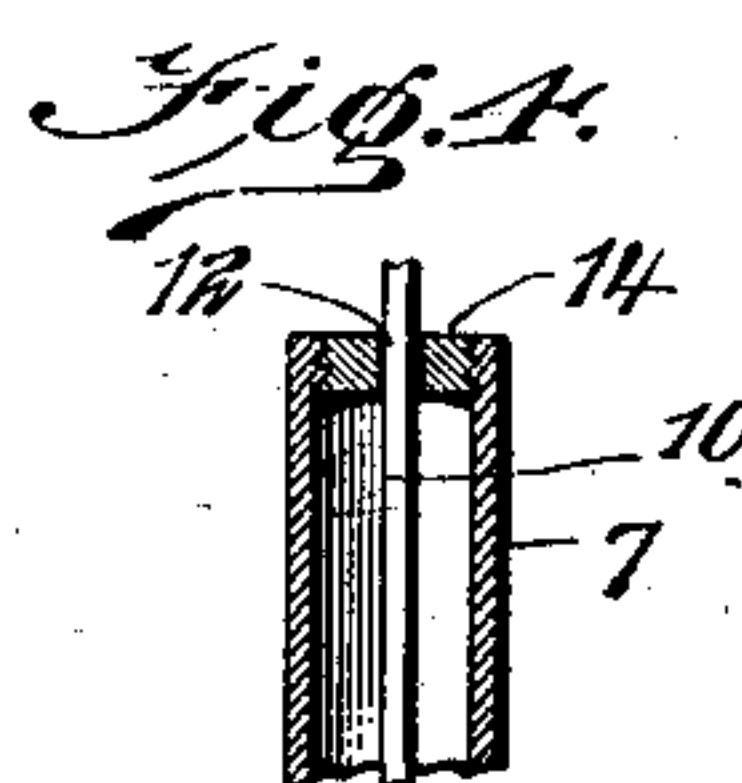
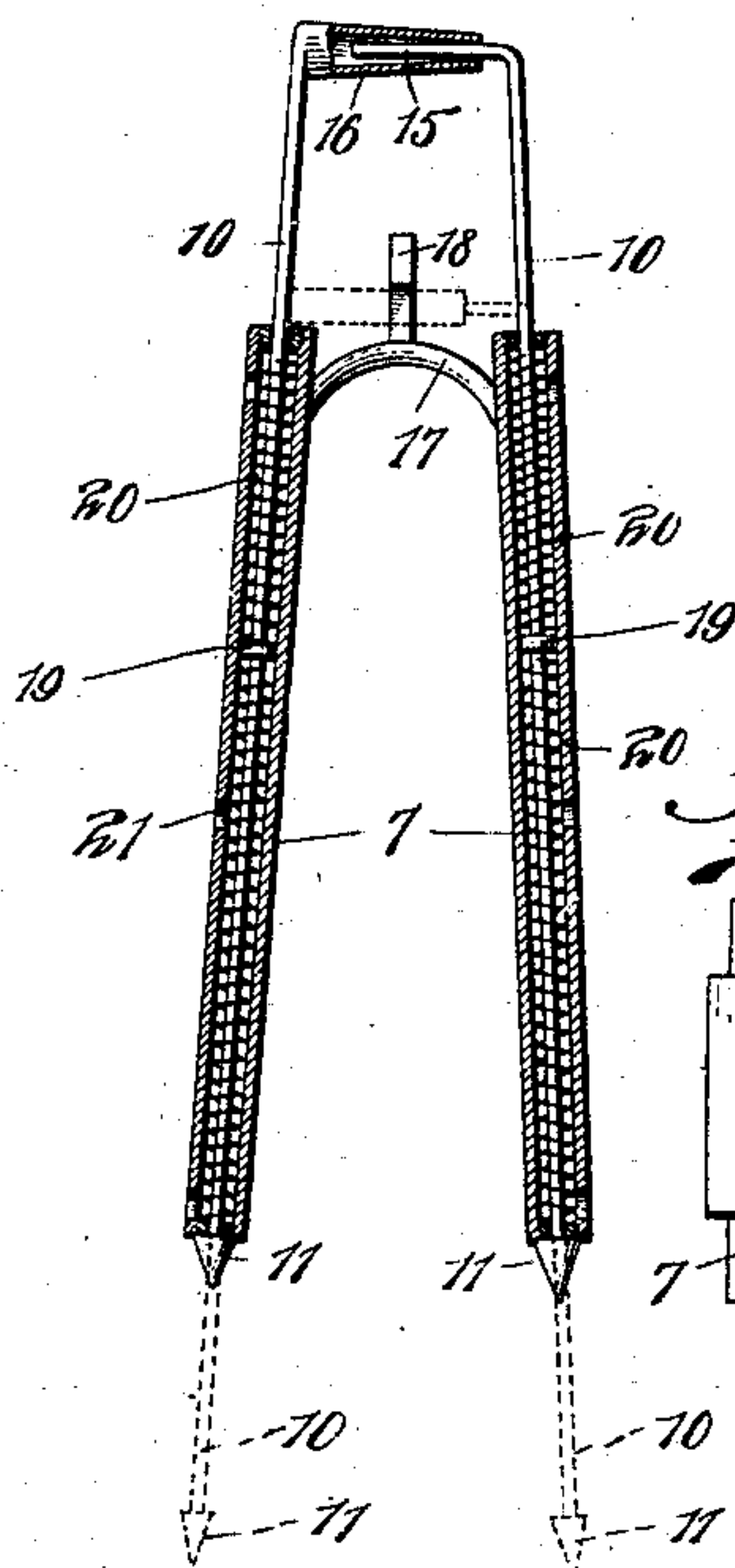


Fig. 2.



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BICYCLE-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 654,950, dated July 31, 1900.

Application filed April 19, 1900. Serial No. 13,485. (No model.)

To all whom it may concern:

Be it known that I, HUGH HENRY COOTE, a citizen of the United States, and a resident of Phoenix, in the county of Maricopa and Territory of Arizona, have invented a new and Improved Bicycle-Support, of which the following is a full, clear, and exact description.

The purpose of this invention is to provide a bicycle-support which may be carried permanently by the machine and which while not materially adding to the weight thereof or encumbering the use of the bicycle will at the same time always be ready for use and serve securely to sustain the machine when not in motion.

This specification is the disclosure of one form of the invention, while the claim defines the actual scope thereof.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a side view of the invention in use. Fig. 2 is a vertical section of the invention. Fig. 3 is a top view of one of the tubular casings. Fig. 4 is a section of the upper end thereof. Fig. 5 is an enlarged section of the lower end of one of the legs, and Fig. 6 is a sectional view of the clamp for securing the casings to the bicycle.

The support comprises two tubular casings 7, which are arranged vertically at each side of the machine and held rigidly in place by clamps 8, which may be of any desired construction. If desired, rubber gaskets 9 (see Fig. 6) may be placed around the frame-bars of the bicycle to prevent marring the same and to enable the clamps to be securely engaged therewith. Sliding in the casings are the leg-rods 10, the lower ends of which project through the lower ends of the casing and are provided with spurs 11, which are screwed thereon, as best shown in Fig. 5. The upper ends of the leg-rods 10 project above the casings 7 when not in operative position and pass through slots 12, (see Fig. 3,) formed in caps 14, which are screwed into the upper ends of the casings 7, as best shown in Fig. 4. The upper extremity of one of the leg-rods 10 is turned laterally to form a projection 15, and this fits slidably within a tube 16, carried by the other leg-rod, thus forming a slidable cross connection between the two legs. The two casings 7 are rigidly connected at

their upper ends by an arched brace 17, which extends between them, and this brace carries a latch 18, which may engage with the tube 16 to hold the same in lowered position, as shown in Fig. 1 and indicated by the dotted lines in Fig. 2. When the legs 10 are in this position, they will be projected downward below the casings 7 and their spurs 11 will be engaged with the ground at each side of the machine, thereby sustaining the bicycle. Each leg 10 is provided with a collar 19, situated within the casings 7, and spiral springs 20 and 21 are contained within each casing 7 and bear against the respective ends of the casing and against the opposite sides of the respective collars 19. The springs 21 are superior to the springs 20 and tend to throw the legs 10 upward, as shown by full lines in Fig. 2, while the springs 20 serve to partly resist the action of the springs 21 and to hold the legs 10 against rattling in the casings 7 when the legs are raised into operative position. With this arrangement the bicycle may be held upright, either when the user is on the machine or not, it being only necessary when it is desired to bring the device into action to push down the leg-rods 10 and engage the tube 16 with the latch 18. When the leg-rods are raised, they may be held firmly in the casings 7, and all rattling due to idle movement of the parts will be avoided.

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

A bicycle-support, comprising two tubular casings disposed out of parallelism, a brace extending rigidly between the casings to join them together, a latch carried on the brace, leg-rods slidably mounted in the tubular casings and passing from end to end thereof, springs carried in the casings to hold the rods in raised position, and a transversely-disposed tube carried at the upper end of one rod and slidably receiving the transversely-bent end of the opposite rod, the said tube being in position to be engaged by the latch to hold the support in operative position.

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

HUGH HENRY COOTE.

Witnesses:

M. E. COLLINS,
P. J. DEMPSEY.