

No. 703,280.

Patented June 24, 1902.

L. H. KNOCHE.
BICYCLE STAND.

(Application filed Jan. 3, 1902.)

(No Model.)

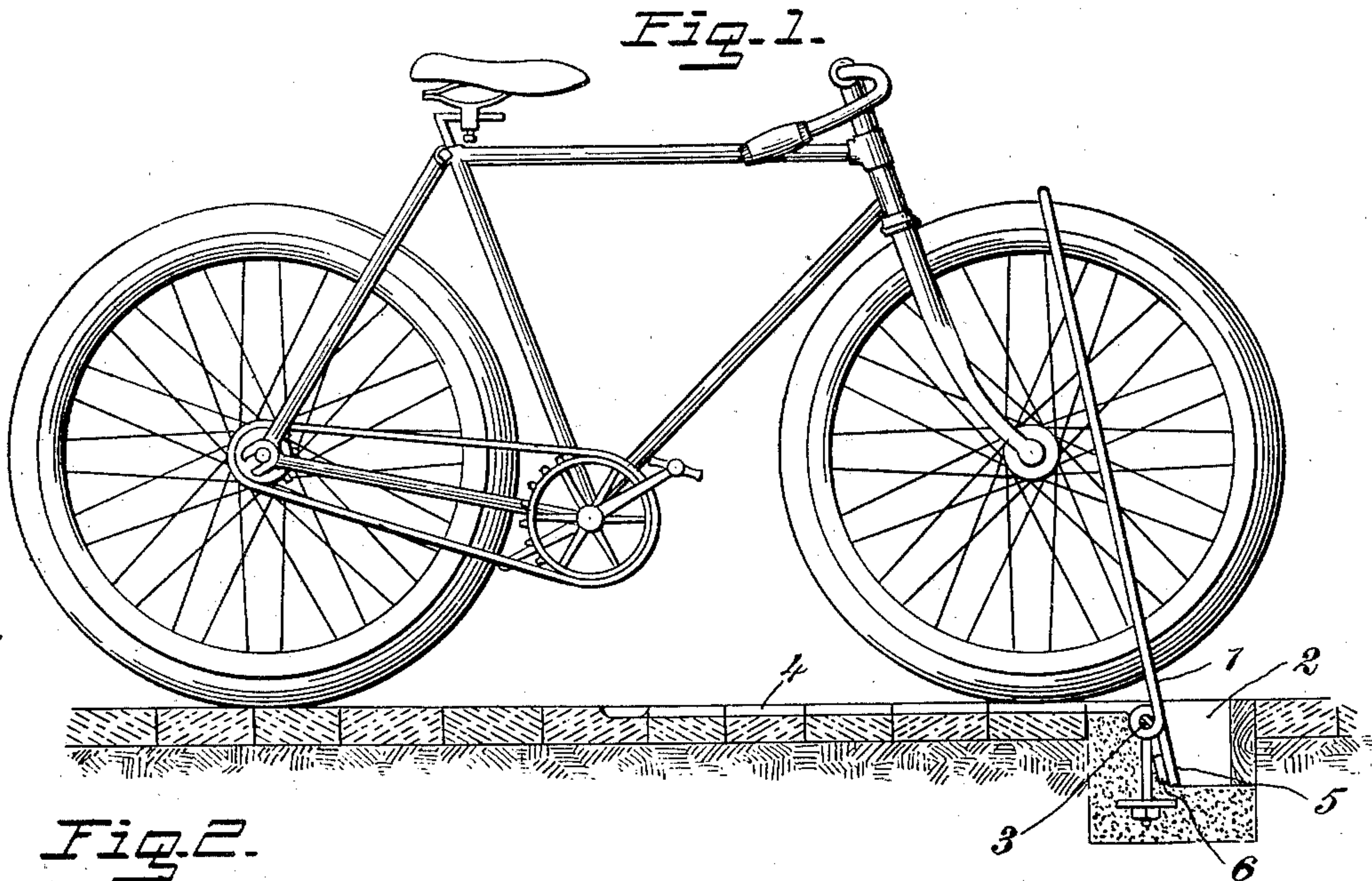


Fig. 2.

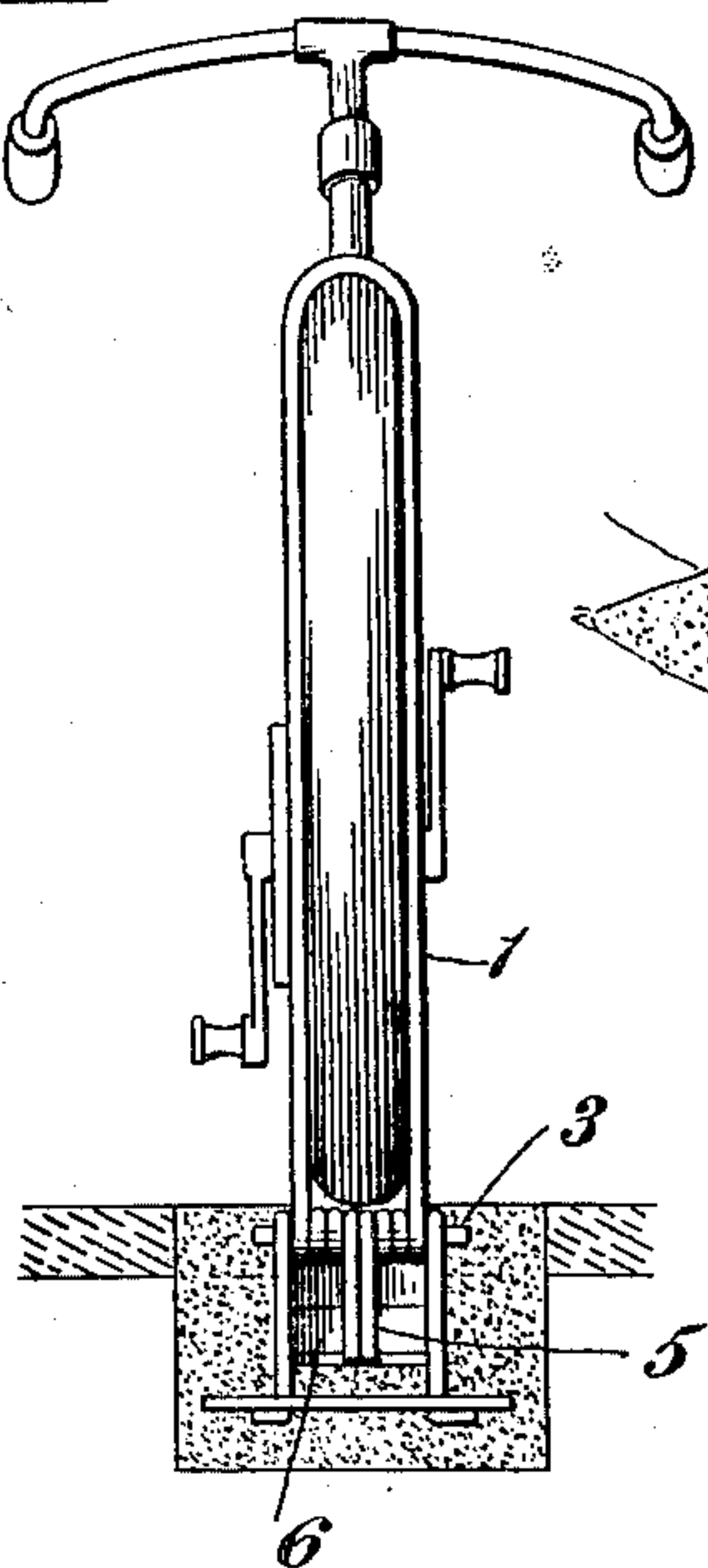
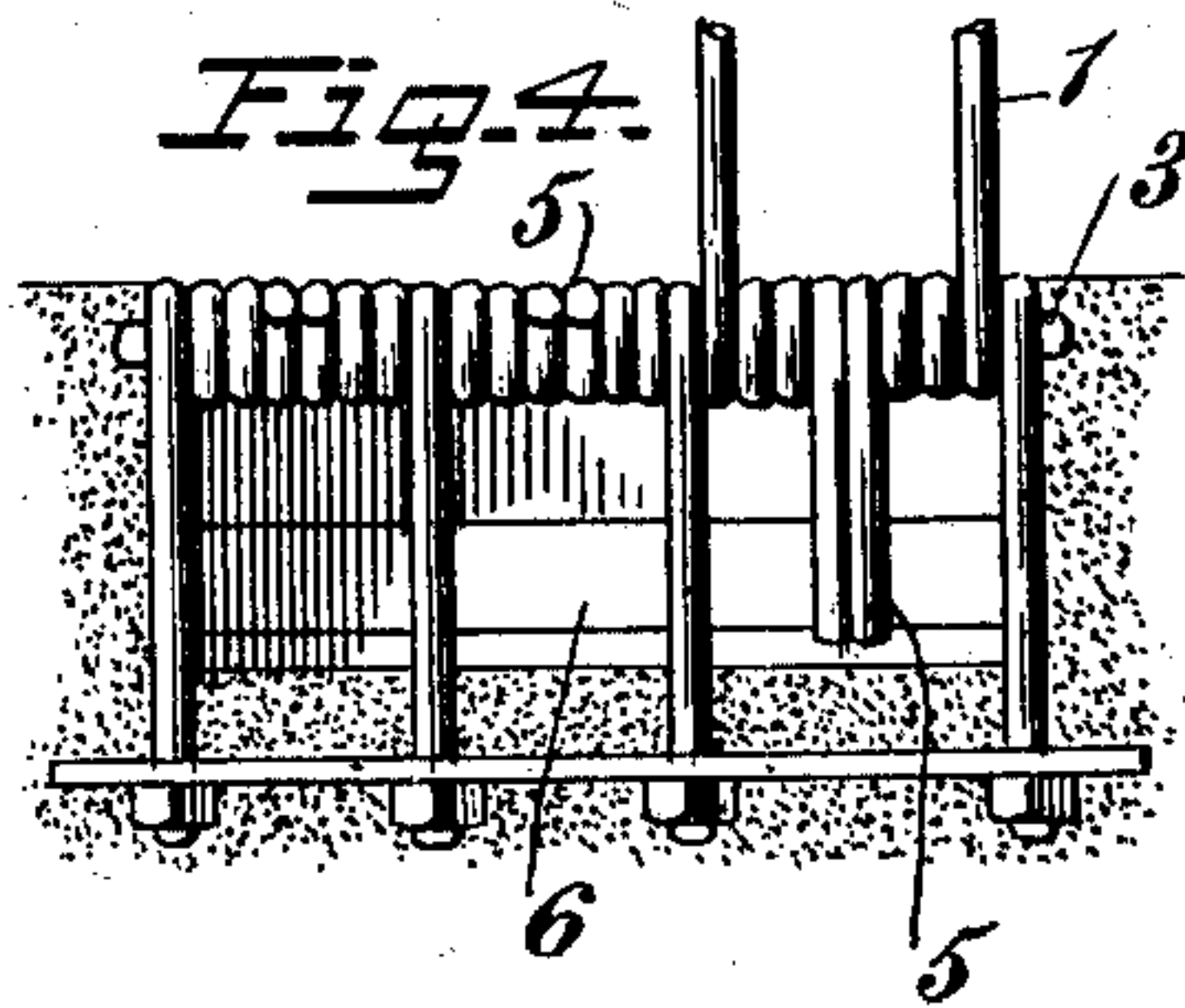
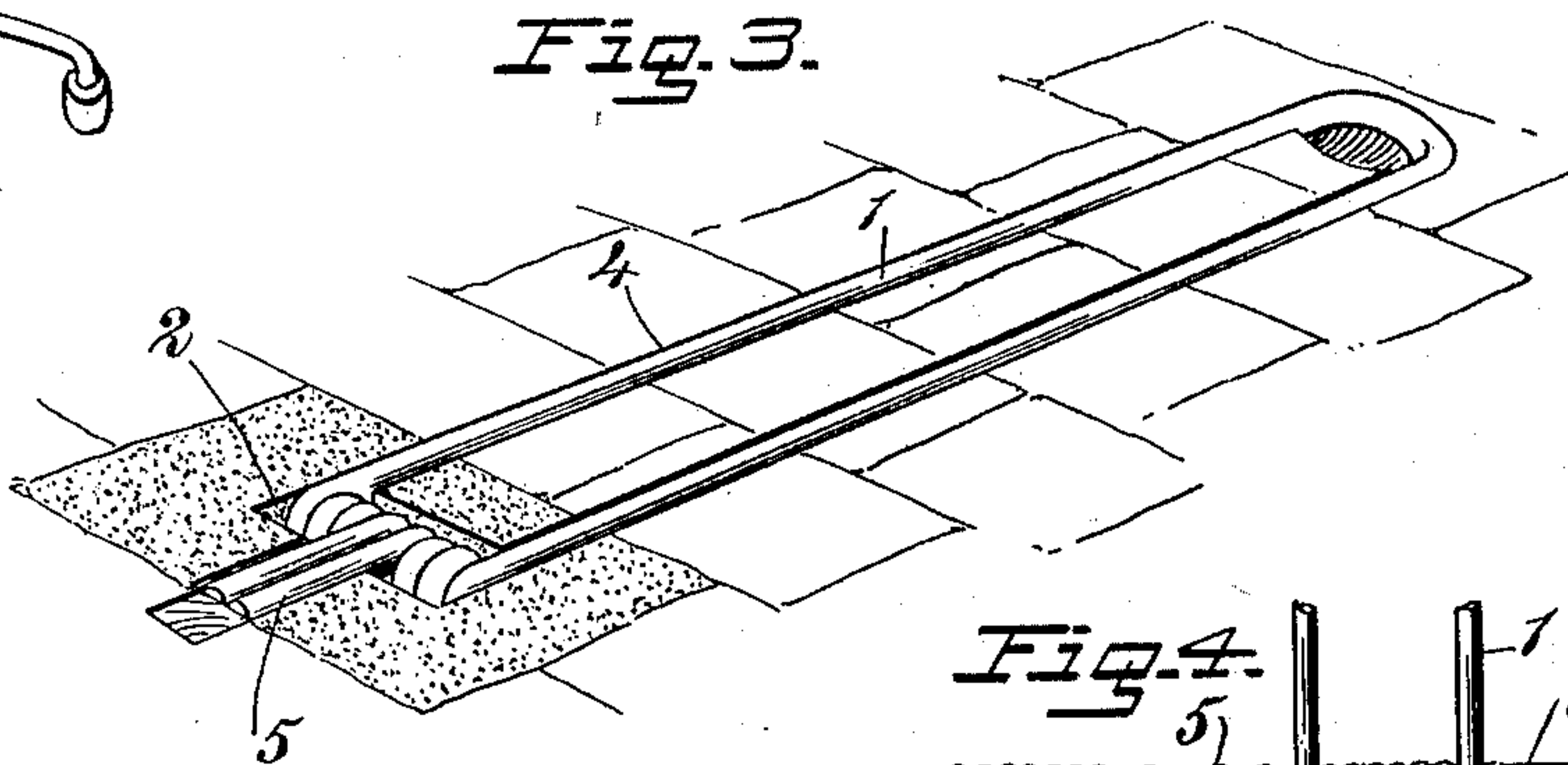


Fig. 3.



WITNESSES:

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LOUIS HERMAN KNOCHE, OF SAN JOSE, CALIFORNIA.

BICYCLE-STAND.

SPECIFICATION forming part of Letters Patent No. 703,280, dated June 24, 1902.

Application filed January 3, 1902. Serial No. 88,295. (No model.)

To all whom it may concern:

Be it known that I, LOUIS HERMAN KNOCHE, a citizen of the United States, and a resident of San Jose, in the county of Santa Clara and State of California, have invented a new and Improved Bicycle-Stand, of which the following is a full, clear, and exact description.

This invention relates to improvements in stands or supporting devices for bicycles; and the object is to provide a stand of simple construction in connection with a sidewalk or other suitable base or platform.

I will describe a bicycle-stand embodying my invention and then point out the novel features in the appended claims.

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 figures.

Figure 1 is a side elevation of a bicycle-stand embodying my invention and showing the same in use. Fig. 2 is a front view thereof. Fig. 3 is a perspective view showing the position of the stand when not in use. Fig. 4 is a detail view showing several stands arranged side by side.

The stand consists of a metal rod 1, bent to form two opposite members designed to engage at opposite sides of a bicycle-wheel, while the connecting upper portion engages with the wheel-tire, as clearly indicated in Fig. 1. For convenience this device is designed to be connected to a sidewalk or the like, and when turned downward or not in use its surface should be on a plane with the surface of the sidewalk, so as not to form an obstruction. As here shown, the sidewalk is provided with a well or recess 2, in which is secured a bar 3, on which the stand is mounted to swing. The sidewalk is also provided with a channel 4 for receiving the device when folded downward. The stand, as here shown, has its ends coiled, and the rod 3 passes through the coils. It is to be understood, however, that the stand may be readily attached to the rod and the rod mounted to turn in suitable bearings. The ends of the rod, as indicated at 5, are extended outward to form anchors to prevent the device from swinging too far rearward. These ends 5 may be brazed together, and when the device is turned to op-

erative position these ends will engage against a metal plate 6, secured to a wall of the well or recess 2, and hold the stand at a slight forward incline, so that when the bicycle is removed the stand will automatically fall to its position in the sidewalk.

In Fig. 4 I have shown a plurality of the devices arranged side by side. In a wooden sidewalk the channel 4 may be formed with suitable tools, and said channel may be formed in a concrete sidewalk while laying the same by pressing the rod forming the stand into the material when wet.

I do not confine my invention to attaching the stand to a sidewalk, as it is obvious that any other suitable base may be employed. Therefore for convenience I will term the sidewalk as a "base" for the device.

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

1. A bicycle-stand comprising a base having a well or recess and a channel extended therefrom, a rod having members for engaging at opposite sides of a bicycle-wheel and an upper portion for engaging with the upper part of the wheel, and a rod arranged in said well or recess, upon which the first-named rod is mounted, substantially as specified.

2. A base having a well or recess and a channel extended from said well or recess, a bar arranged in the well or recess, and a rod having coiled portions through which said bar passes, the said rod having outwardly-extended ends, substantially as specified.

3. The combination with a base having a well or recess and a channel extended therefrom, of a bar arranged in the well or recess, a metal plate arranged in the well or recess, and a rod mounted to swing on said bar, said rod having rearwardly-extended ends for engaging with said plate, substantially as specified.

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

LOUIS HERMAN KNOCHE.

Witnesses:

H. C. DOERR,
EDWARD W. PARSONS.