

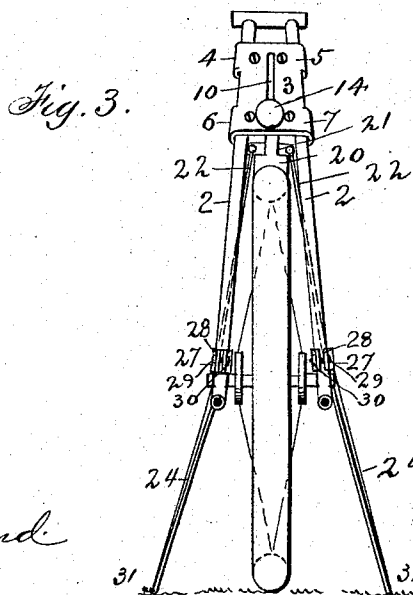
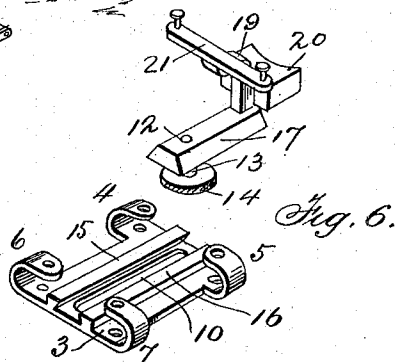
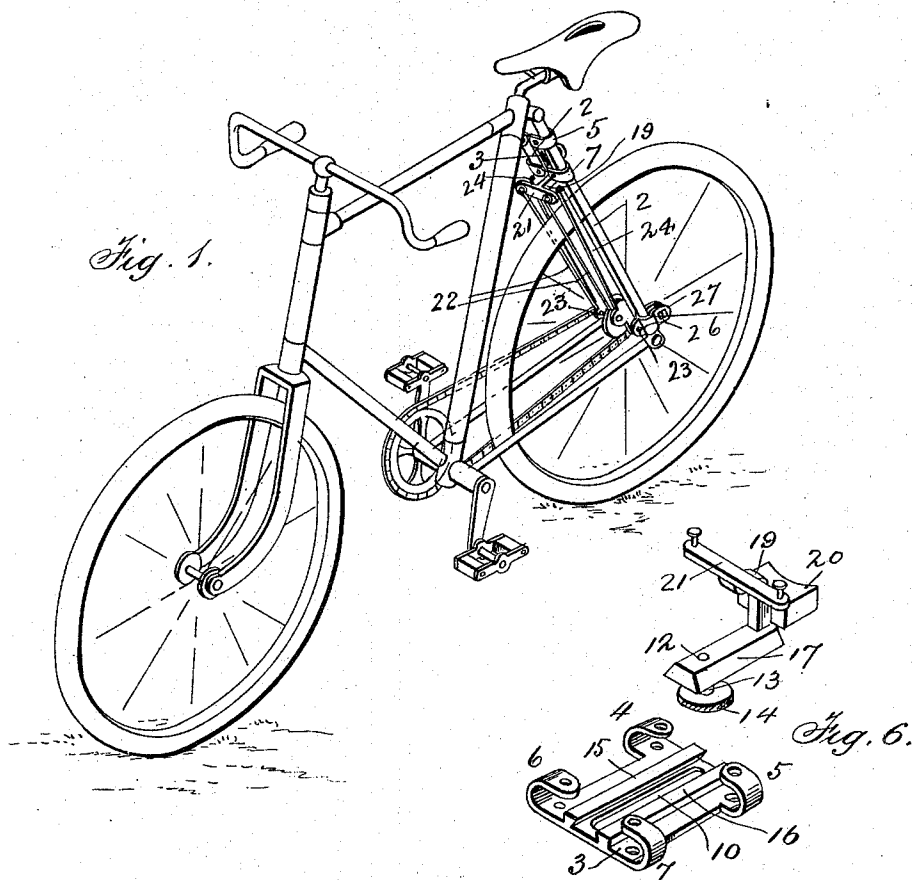
(No Model.)

2 Sheets—Sheet 1.

E. L. PEISAR.
PORTABLE STAND FOR BICYCLES.

No. 573,482.

Patented Dec. 22, 1896.



Witnesses
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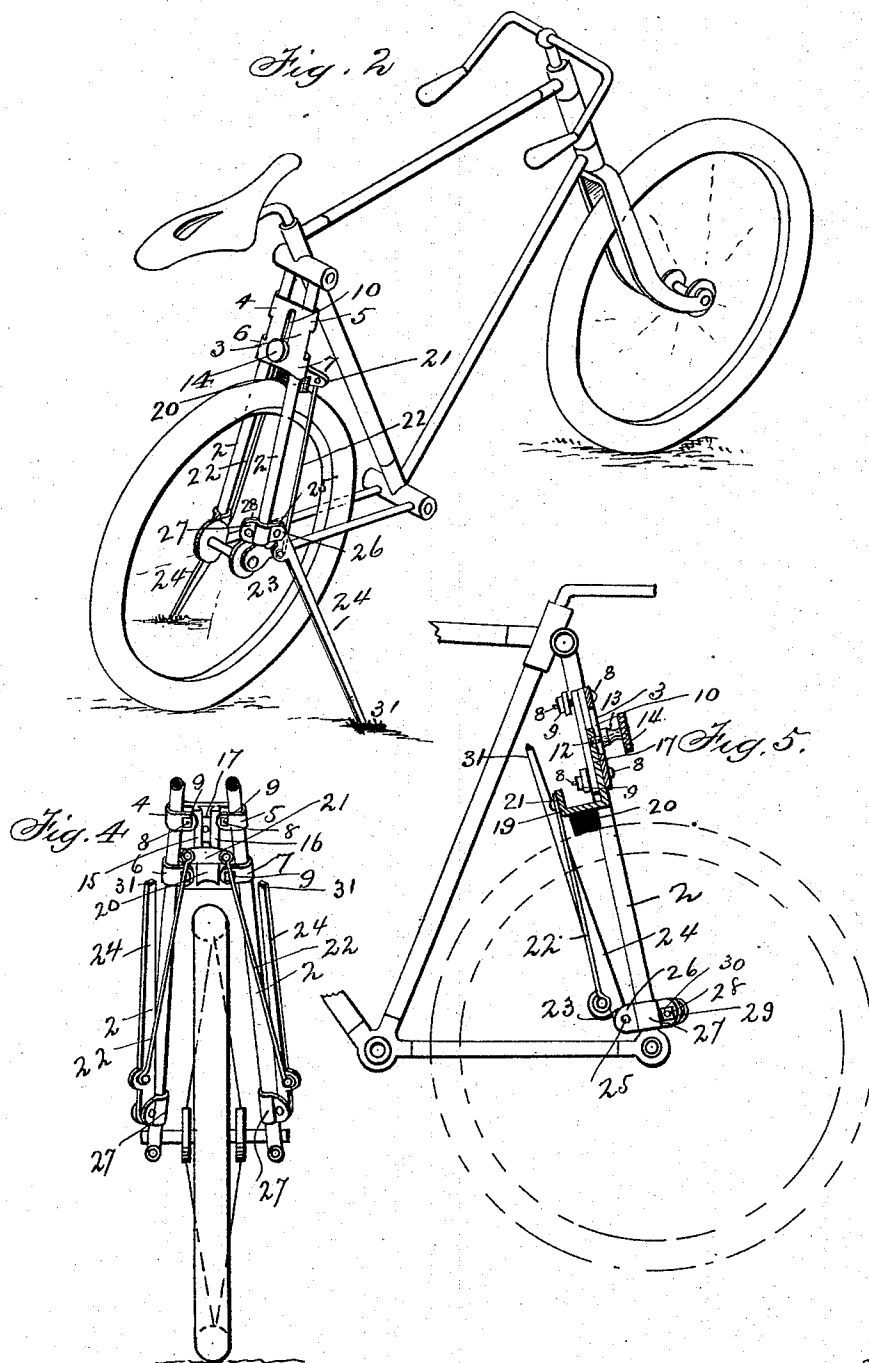
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UNITED STATES PATENT OFFICE.

EDWARD LOUIS PEISAR, OF ASPEN, COLORADO.

PORTABLE STAND FOR BICYCLES.

SPECIFICATION forming part of Letters Patent No. 573,482, dated December 22, 1896.

Application filed June 10, 1896. Serial No. 595,002. (No model.)

To all whom it may concern:

Be it known that I, EDWARD LOUIS PEISAR, a citizen of the United States, residing at Aspen, in the county of Pitkin and State of Colorado, have invented certain new and useful Improvements in Portable Stands for Bicycles; and I do 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 has relation to bicycle attachments, and more particularly to that class intended to be attached to the machine and adapted to sustain it in an upright position when not in use; and the object is to provide a simple, cheap, and convenient device of this class that can be readily attached to the usual form of machine, which can be folded out of the way of the rider when it is not in use, and that can be readily and instantly "set" to form a stand and support the machine in an upright position after the rider has dismounted; and to these ends the novelty consists in the construction, combination, and arrangement of the same, as will be hereinafter more fully described, and particularly pointed out in the claims.

In the accompanying drawings the same reference-numerals indicate like parts of the invention.

Figure 1 is a perspective view of a bicycle provided with my improved stand, which is folded and not in use. Fig. 2 is a similar view showing the attachment opened out to form a stand for the machine. Fig. 3 is a rear view of the machine, showing the stand in use. Fig. 4 is a front view of the attachment, taken on a section-line of the machine immediately in the rear of the saddle. Fig. 5 is a transverse section of the rear frame and attachment on the line of the thumb-screw, and Fig. 6 is a top plan view of the machine and stand.

2 2 are the rear forks, which support the back wheel.

3 is a cast or sheet metal clamp or shoe provided with four lugs 4, 5, 6, and 7, which encompass the forks 2 2, and each lug is secured to one of said forks 2 by a bolt 8 and nut 9, by means of which the shoe 3 is firmly clamped to said forks. This shoe 3 is provided with a vertical slot 10, through which passes the

screw-threaded stud 12 of a thumb-screw 13, the outer end of which terminates in an enlarged milled head 14, by means of which said threaded stud is operated. On the inner face of said shoe 3, on each side of the slot 10 and parallel therewith, are two dovetail guides 15 16, in which reciprocates an oblong nut 17, the sides 18 of which are dovetailed to correspond to the shape of the guides 15 and 16. This nut is engaged by the screw-threaded stud 12, and when the stud is loose in the nut both may be freely slipped up or down in the guides and slot in the shoe. The inner face of said sliding nut 17 is provided with a rigid stud 19, to which is secured in any suitable manner a brake-shoe 20, which engages with the tire and locks the wheel when the nut is forced downward in the guides, and when the said nut is pushed upward the brake-shoe 20 is released from the wheel, so the latter may turn freely. On the outer end of said stud 19 is rigidly secured a cross-arm 21, each end of which is provided with a pitman 22, extending downward and connected to a lug 23 on the lever 24, fulcrumed by a screw 25 between the arms 26 of the bracket 27, which encircles the fork near the axle. The split ears 28 28 of this bracket 27 are provided with a bolt 29 and nut 30, by means of which it is adjusted to and rigidly secured to the lower end of the fork. The lugs 23 on the bracket 27 extend radially out from the center of said bracket, and the bracket itself is so adjusted that the said lugs and lever 24, when the latter is lowered so that its pointed toe 31 will rest upon the ground, will project outwardly at an angle on each side of the rear wheel, and consequently if said levers are locked in this position they, in connection with the brake-shoe which locks the wheel, form a comparatively rigid support for the machine.

By releasing the thumb-screw, pushing it upward in the slot 10, and again tightening it the brake-shoe is released from the wheel and the levers are simultaneously raised from the ground and folded up alongside of and parallel with the fork, where they are entirely out of the way of the rider.

Although I have specifically described the construction and relative arrangement of the several elements of my invention, I do not de-

sire to be confined to the same, as such changes or modifications may be made as clearly fall within the scope of my invention without departing from the spirit thereof.

5 Having thus described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. A bicycle-support comprising the shoe 3
10 having the integral lugs 4, 5, 6 and 7, dove-
tail guides 15 and 16, and vertical slot 10, in
combination with the oblong nut 17 having
the dovetail sides 18 18, the stud 12, the
thumb-screw 13 14 and the stud 19 provided
15 to said stud, the pitmen 22 connected at their
upper ends to the outer ends of the arm 21,
the levers 24 pivoted in brackets secured to
the fork and provided with lugs 23, pivoted

to the lower ends of the pitmen 22, substan- 20
tially as and for the purpose set forth.

2. The combination with a bicycle, of a sup-
port therefor, comprising an adjustable shoe
3, having a slot 10 and guides 15, 16, the thumb-
screw 12, 14, sliding nut 17, provided with the
stud 19, having the brake-shoe 20, the cross- 25
arm 21 and the pitmen 22, secured to a lug 23
on the lever 24 fulcrumed in the bracket 27,
adjustably secured to the fork, substantially
as and for the purpose specified.

In testimony whereof I hereunto affix my 30
signature in presence of two witnesses.

EDWARD LOUIS PEISAR.

Witnesses:

B. CLARK WHEELER,
JACOB SANDS.