No. 626,849. Patented June 13, 1899.

# C. WITTE & H. M. LUICK.

## CYCLE SUPPORT.

(Application filed May 3, 1899.)

(No Model.)

FIG. 1.

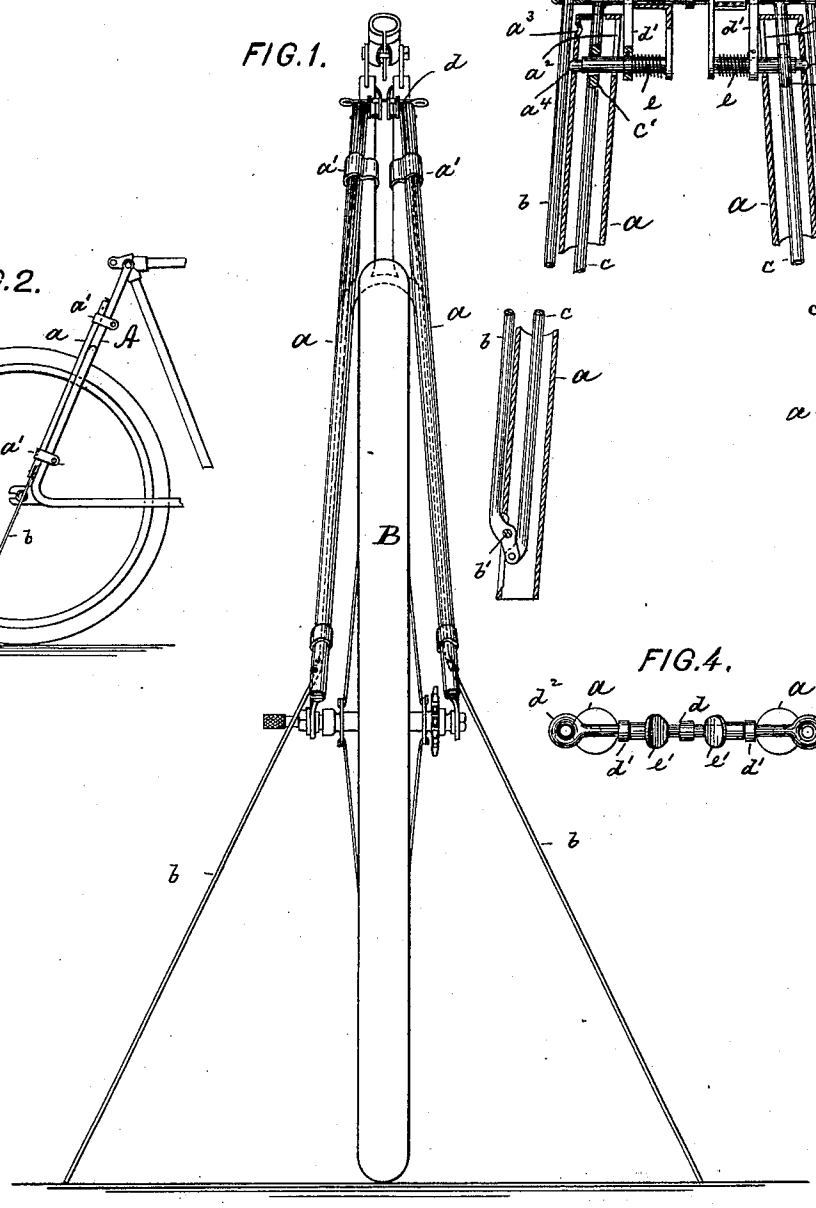


FIG. 2.




FIG. 3.










FIG. 4.




Witnesses:
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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

# UNITED STATES PATENT OFFICE.

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## CYCLE-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 626,849, dated June 13, 1899.

Application filed May 3, 1899. Serial No. 715,415. (No model.)

*To all whom it may concern:*

Be it known that we, CHARLES WITTE, a citizen of Germany, and HENRY M. LUICK, a citizen of the United States, both residents of New York city, New York, have invented certain new and useful Improvements in Cycle-Supports, of which the following is a specification.

This invention relates to a support for sustaining a cycle in an upright position while standing and which is positive in its operation and may be readily manipulated by the rider.

In the accompanying drawings, Figure 1 is a rear view of our improved cycle-support. Fig. 2 is a side view of the rear part of a cycle provided with the support; Fig. 3, a longitudinal section of the support, and Fig. 4 a plan of the same.

The letters *a a* represent a pair of tubes secured to the frame A at both sides of the rear wheel B by straps *a'*. To the lower slotted end of each tube is pivoted at *b'* a prop or brace-rod *b*, which may be folded either diagonally downward, Fig. 1, to support the cycle or upward against the outer side of tube *a*, Fig. 3. The prop is connected within tube *a* to a draw-bar *c*, that extends upwardly through the tube and is connected at its free upper end to a slide or cross-head *d*. From this slide depends a pair of perforated arms *d'*, that form the bearings for a pair of spring-bolts *e*, having handles *e'*, the hubs $e^2$ of which are free to move on slide *d*. Each bolt *e* passes through an elongated slot $a^2$ of tube *a* and through an eye *c'* of rod *c* into either an upper or a lower perforation or notch $a^3$ $a^4$ of tube *a*. The slide *d* terminates at each end in an eye or keeper $d^2$, which projects over the end of prop *b* when the slide is in its lowermost position.

Normally the slide *d* is lowered, the bolts *e* engage the lowermost perforations $a^4$, and the eyes $d^2$ embrace the ends of the upwardly-swung props *b*, so as to hold them against the sides of tubes *a*.

If the cycle is to be supported, the handles *e'* are drawn together to disengage bolts *e* and the slide is drawn up bodily, so that the eyes $d^2$ will release the props *b*, and the rods *c* will be drawn upward by the slide to swing the props into their diagonal position, Fig. 1. The slide will now be positively held in its uppermost position by the engagement of the bolts *e* with the uppermost perforations $a^3$. To draw the props up, the handles *e'* are again manipulated to disengage the bolts, and the slide is pushed down, so that the rods *c* will swing the props up. The free ends of the latter become thus reëngaged by the eyes $d^2$, while the bolts will reëngage the perforations $a^4$.

It will be seen that our improved cycle-support may be readily manipulated by the rider and that it is light, effective, and positive in its movements.

What we claim is—

1. A cycle-support composed of a pair of tubes having an upper and a lower perforation, a pair of pivoted props, rods within the tubes and pivoted to the props, a slide connected to the rods, and bolts carried by the slide and adapted to engage the perforations of the tubes, substantially as specified.

2. A cycle-support composed of a pair of tubes having an upper and a lower perforation, a pair of pivoted props, rods within the tubes and pivoted to the props, a slide connected to the rods and having a pair of eyes that are adapted to engage the props, and a pair of bolts that are carried by the slide and are adapted to engage the perforations of the tubes, substantially as specified.

Signed by us, at New York city, New York, this 2d day of May, 1899.

CHARLES WITTE.
HENRY M. LUICK.

Witnesses:
F. v. BRIESEN,
WILLIAM MILLER.