

No. 627,744.

Patented June 27, 1899.

R. E. CHEESMAN.
SUPPORT FOR BICYCLES.

(Application filed Feb. 17, 1898.)

(No Model.)

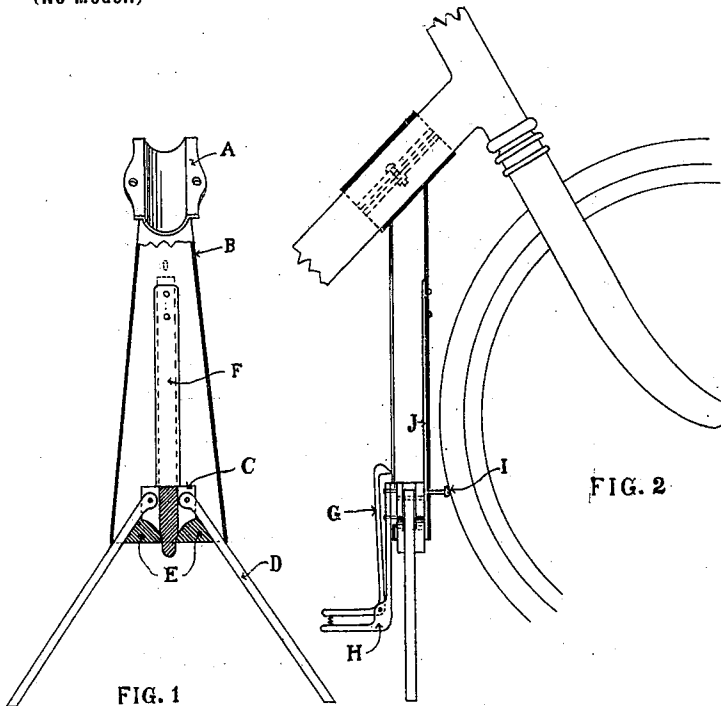


FIG. 1

FIG. 2

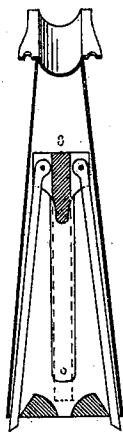


FIG. 3

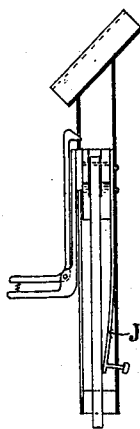


FIG. 4

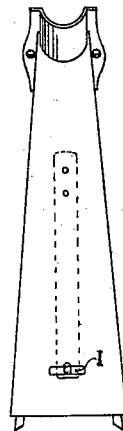


FIG. 5

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SUPPORT FOR BICYCLES.

SPECIFICATION forming part of Letters Patent No. 627,744, dated June 27, 1899.

Application filed February 17, 1898. Serial No. 670,718. (No model.)

To all whom it may concern:

Be it known that I, ROY E. CHEESMAN, a citizen of the United States, residing at Lafayette, in the county of Tippecanoe and State of Indiana, have invented a new and useful Support for Bicycles, of which the following is a specification.

My invention relates to a support attached to a bicycle, in which a pair of inclined legs rest on the ground and hold the bicycle in a vertical position; also, a brake-shoe thrust against the front wheel, which locks it firmly. The legs slide up and down in an elongated casing and release a spring fastened to the brake-shoe. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 represents a longitudinal section of a bicycle-support when same is in use.

Fig. 2 shows a perspective view of the device as attached to the frame of the bicycle. Fig. 3 is a sectional view of the support with the back half removed and legs up; Fig. 4, a side elevation as it appears after the removal of the side plate. Fig. 5 shows a front elevation of the said support when same is not in use.

Similar letters refer to similar parts throughout the several views.

Fig. 1 shows a detailed view of a bicycle-support when same is in use. A are clamps by which same is attached to the front lower reach of the bicycle-frame. B is a metal casing into which runs the cross-head C. D are the legs, which are fastened to cross-head C and spread apart in standing position by wedge-shaped blocks E. Letter F is the spring that operates the brake-shoe I.

Fig. 2 shows a cross-section of support as applied to a bicycle. Letter H is a treadle that is fastened to cross-head C, Fig. 1. Let-

ter G is a lever or foot-latch fastened to the treadle with a pivot, as shown in Figs. 2 and 4. This support is released by pushing the treadle H, Fig. 2, upward with the foot until the latch G, Fig. 2, snaps into a hole in the casing, as shown in Fig. 4. When the support is released, as before described, the brake-shoe I, Fig. 2, is released from front wheel of bicycle by spring J, as shown in Fig. 4.

Fig. 3 is a section of the support when not in use.

The dotted lines in Figs. 1 and 3 show the slot in face of the casing B, Fig. 1, in which the cross-head C, Fig. 1, slides up and down.

Fig. 5 shows a front elevation of the said support when same is not in use.

What I do claim as my invention, and desire to secure by Letters Patent, is—

In a bicycle-support of the class described the combination of an elongated casing provided with means for securing its upper end to a bar of the cycle-frame, with a pair of supporting-legs, a block to which the legs are pivoted, adapted to slide within the casing, a spreader for the legs at the lower end of the casing, a leaf-spring within the casing, having one end secured thereto and carrying a pin projecting through a hole in the casing, a brake-shoe on the pin, the spring acting to normally hold the shoe out of contact with the wheel and in such position that the sliding block will when moved to its operative position engage the spring and force the brake-shoe at the end of the spring into operative engagement with the tire of the front wheel, substantially as described.

ROY E. CHEESMAN.

Attest:

FRANK CRESSE,
JOHN MEYER.