(No Model.)

F. A. PEARSONS.

BICYCLE STAND.

No. 590,769. Patented Sept. 28, 1897.

FIG:1.

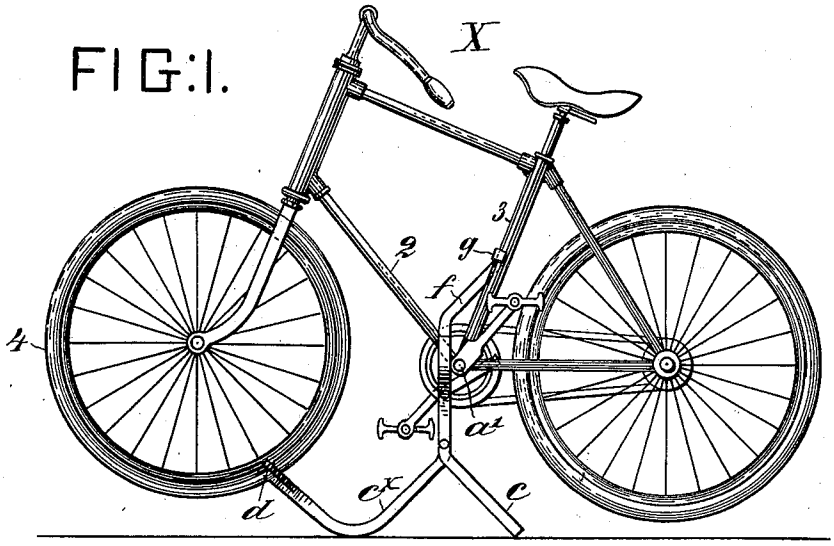
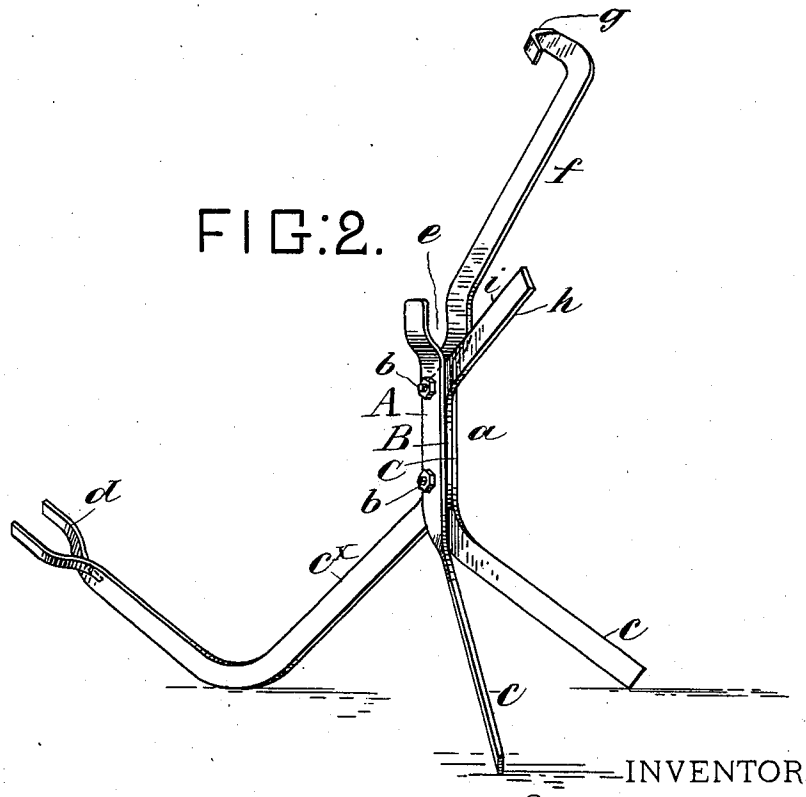


FIG:2.



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UNITED STATES PATENT OFFICE.

FILLMORE A. PEARSONS, OF RUTLAND, VERMONT.

BICYCLE-STAND.

SPECIFICATION forming part of Letters Patent No. 590,769, dated September 28, 1897.

Application filed January 21, 1897. Serial No. 620,041. (No model.)

To all whom it may concern:

Be it known that I, FILLMORE A. PEARSONS, a citizen of the United States, residing at Rutland, Rutland county, Vermont, have invented certain new and useful Improvements in Bicycle-Stands, of which the following is a specification.

My invention relates to a stand for supporting a bicycle, the object being to provide a simple, cheap, and efficient stand capable of being constructed entirely of flat wrought-iron of uniform width.

In the accompanying drawings, which illustrate an embodiment of the invention, Figure 1 is a view, on a small scale, showing a bicycle supported in the stand, and Fig. 2 is a perspective view of the stand; on a larger scale than Fig. 1. These views show the form, construction, and manner of using the stand.

In carrying out my invention I prefer, for economy, to employ wrought bar-iron about five-eighths of an inch wide and one-eighth of an inch thick, as this can be purchased anywhere in the market. From this bar I cut three pieces A, B, and C, of unequal but appropriate lengths, and then bend and shape them to suit my purpose. These three parts or pieces are then secured together, preferably by bolts, to form the stand.

I will now describe the stand as a structure. Where the three pieces are placed and secured together they form the upright stem *a* of the stand, bolts *b* being employed, by preference, to clamp the parts firmly but detachably together. This stem *a* is supported on three legs *c c* $c^{\times}$, the latter being prolonged, bent upward, and terminating in a fork *d*, formed by splitting the piece B and bending the branches outward, as clearly shown.

At the top of the standard or stem *a* the pieces A and C are bent outward to form a longitudinally-arranged crotch *e*, at which the piece A terminates, but the piece C has an upwardly-extending portion *f*, which is inclined backward and is bent at its upper end into a semicircular keeper *g*. At the crotch *e* the upper extremity *h* of the middle piece B is bent backward to form a transverse crotch at *i*, back of the crotch *e*, to receive the crank-shaft hanger of the bicycle.

Fig. 1 illustrates the manner of using the stand.

The bicycle X is supported in the stand by its crank-shaft hanger 1 resting in the transverse crotch *i*, the bar 2 of the frame resting in the crotch *e*, and the upright bar 3 of the frame engaging the keeper *g*. The front wheel 4 is supported in the fork *d*, which keeps it from turning.

This stand can be made at a very slight first cost, and the facility with which it can be taken apart and again assembled enables it to be packed closely for transportation.

The crotches and forks may, if desired, be provided with a covering of some soft material, as leather, felt, &c., to prevent the metal from marring the finish of the bicycle-frame, but this is not essential to my invention, nor is such a protecting means new of itself.

Having thus described my invention, I claim—

1. A bicycle-stand having three legs, *c*, *c* and $c^{\times}$, the latter prolonged and upwardly turned and provided with a fork *d*, an upright stem *a* supported on said legs, a longitudinal crotch *e* at the top of said stem, a transverse crotch *i* back of the crotch *e*, to receive the crank-shaft hanger of a bicycle, and an upright *f*, on the stem provided with a keeper *g*, substantially as set forth.

2. A bicycle-stand consisting of three pieces, A, B and C, secured detachably together to form the stem *a*, said pieces being shaped and bent, as described, to form the three legs of the stand, the fork *d*, the crotch *e*, the transverse crotch *i*, and the elevated keeper *g*, all relatively situated substantially as set forth.

3. A bicycle-stand consisting of three flat pieces, A, B and C, placed together to form the stem *a*, and secured by bolts *b*, said pieces forming the three legs *c*, *c*, $c^{\times}$, the crotches *e* and *i*, and the keeper *g*, substantially as set forth.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

FILLMORE A. PEARSONS.

Witnesses:

JOSEPH M. BUSHEY,

CHARLES F. HEATH.