

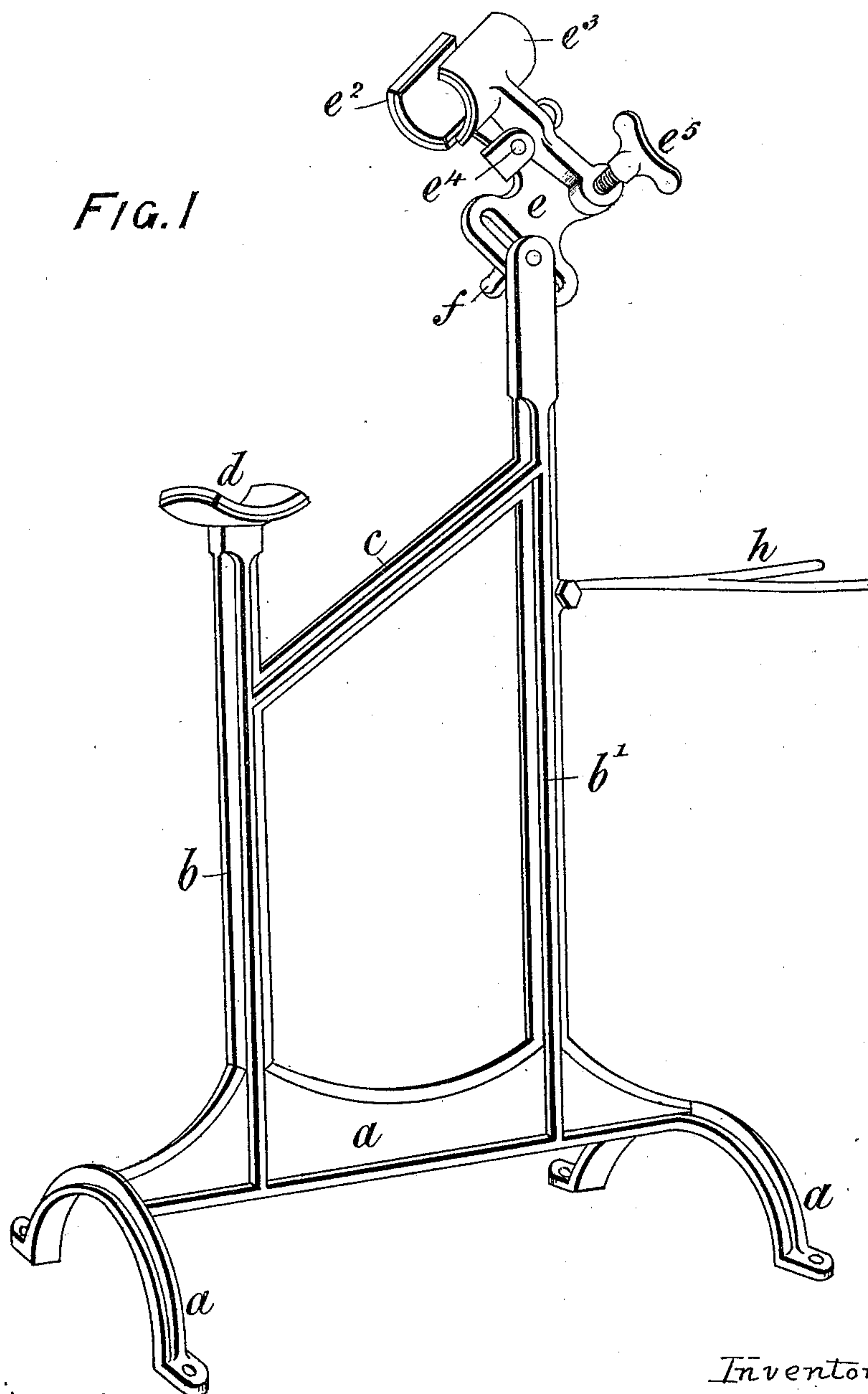
(No Model.)

2 Sheets—Sheet 1.

W. H. HOWARD.
STAND FOR BICYCLES.

No. 605,429.

Patented June 7, 1898.



Witnesses
A. B. Steeger
Dennis Samby.

Inventor
Wm H. Howard
By *James L. Norris.*
Att'y

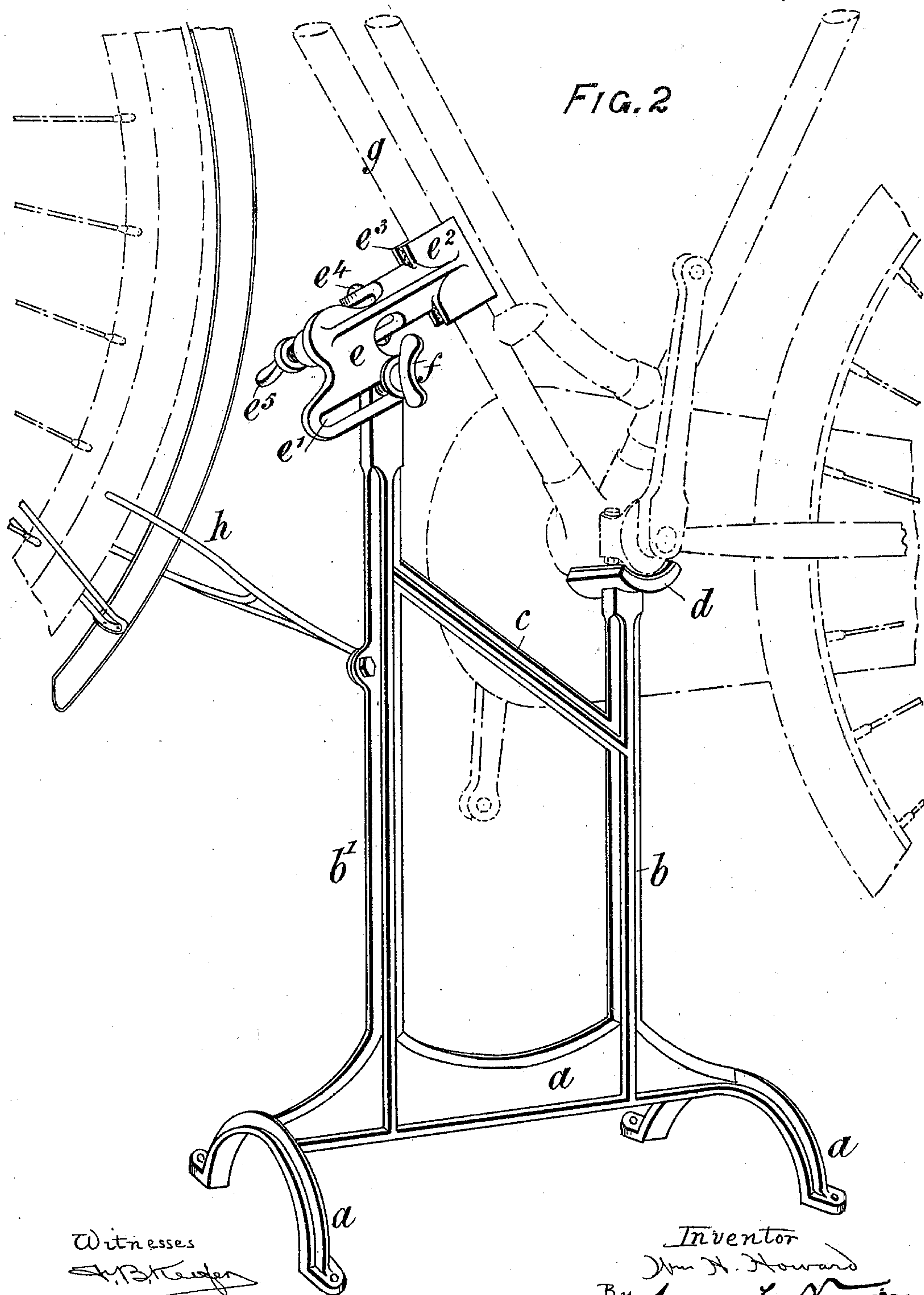
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UNITED STATES PATENT OFFICE.

WILLIAM HENRY HOWARD, OF WOKINGHAM, ENGLAND.

STAND FOR BICYCLES.

SPECIFICATION forming part of Letters Patent No. 605,429, dated June 7, 1898.

Application filed June 15, 1897. Serial No. 640,878. (No model.) Patented in England October 6, 1896, No. 22,042.

To all whom it may concern:

Be it known that I, WILLIAM HENRY HOWARD, cycle manufacturer, a subject of the Queen of Great Britain, residing at the Royal County Cycle Works, 42 Broad street, Wokingham, Berkshire, England, have invented Improvements in Stands or Supports for Bicycles and other Velocipedes, (for which I have obtained a patent in Great Britain, No. 22,042, bearing date October 6, 1896,) of which the following is a specification.

The object of my invention is to effect improvements in stands used for supporting bicycles and other velocipedes in such a manner as to allow of the wheels being revolved while cleaning or effecting a slight repair.

In order that my said invention may be particularly described and ascertained, reference is hereby made to the accompanying drawings, in which similar letters of reference indicate corresponding parts.

Figure 1 is a perspective elevation showing one side of the stand or support; and Fig. 2 is a similar view of the other side, with a portion of a lady's bicycle shown by dotted lines.

a is the base, and b b' are two standards connected by a cross-bar c , all preferably cast in one. The standard b carries at its upper end a curved plate d for supporting the crank-bracket. The standard b' carries an adjustable clip e , which is held to the standard by means of the thumb-screw f , passing through the slot e' , formed in the clip. The clip is formed with two jaws e^2 and e^3 , the jaw e^2 being fixed and the jaw e^3 pivoted at e^4 .

The jaw e^3 is adjustable by means of the thumb-screw e^5 . The clip e is applied to the lower front tube g of the cycle, in the jaws of which the tube g is firmly held, the clip being adjusted to the angle of the tube g . h is a fork attached to the standard b' , whereby

the front or steering wheel k is retained in alinement with the frame.

In using the apparatus the crank-bracket is placed upon the support d . The clip e is adjusted to the angle of the tube g and clamped in such a manner as to raise both wheels a short distance above the ground. The fork h is then placed in position with respect to the mud-guard of the steering-wheel k , as shown in Fig. 2. Both wheels can then be freely turned, as required.

It will be seen that by my invention a firm, unyielding, and reliable bicycle-support is provided which permits free action of all running parts of the bicycle when the latter is mounted on the support, and, moreover, the support is free from the wriggling and unstable effects incident to many bicycle-supports which do not possess rigid base-frames and rigid upright supports.

I claim—

A bicycle-support, consisting of a rigid base-frame, two substantially perpendicular standards rigid therewith and rising therefrom, said standards being of different heights, a curved plate mounted on the shortest standard for supporting the crank-bracket of the bicycle, a slotted plate mounted on the longest standard, a thumb-screw adjustably connecting the slotted plate with said longest standard, two opening and closing jaws carried by the slotted plate for clamping the bicycle-frame above the crank-bracket, and a thumb-screw for operating one of said jaws, substantially as and for the purposes described.

Dated this 26th day of May, 1897.

WILLIAM HENRY HOWARD.

Witnesses:

GEORGE DOWNING,
W. M. HARRIS.