

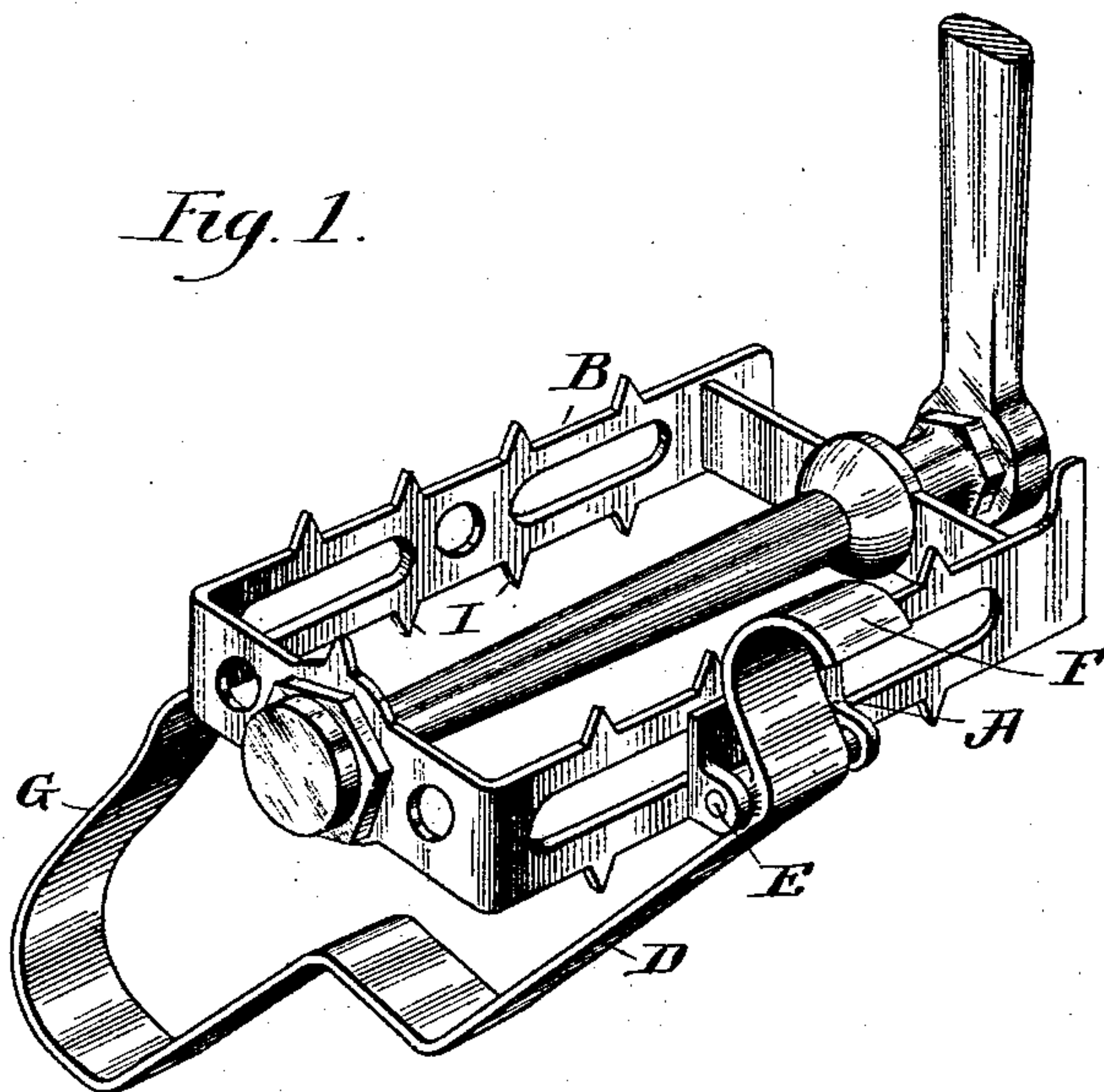
(No Model.)

J. E. STANNARD.  
BICYCLE PEDAL CLIP.

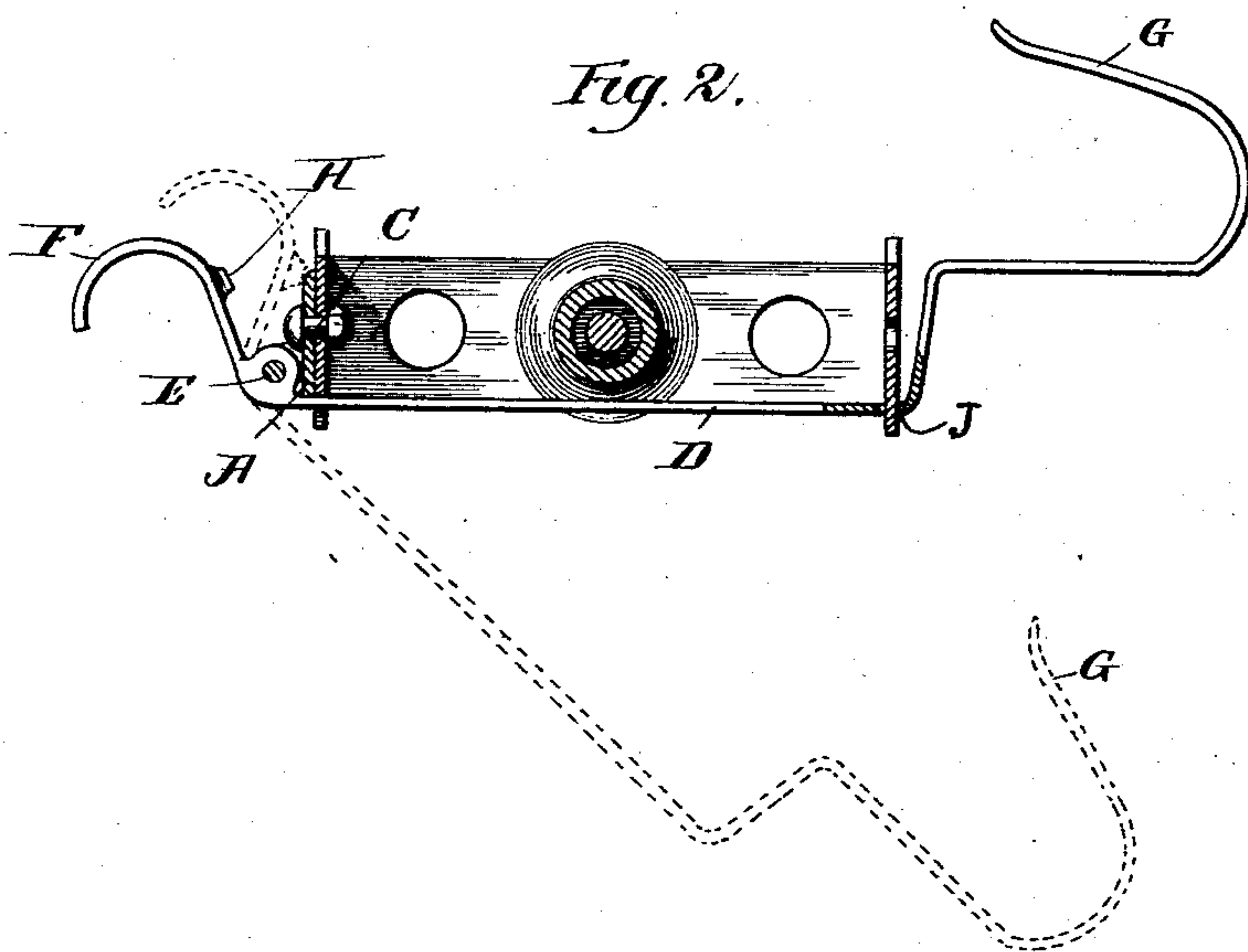
No. 570,778.

Patented Nov. 3, 1896.

*Fig. 1.*



*Fig. 2.*



Witnesses:

H. B. Hallock

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# UNITED STATES PATENT OFFICE.

JOHN E. STANNARD, OF SPRINGFIELD, MASSACHUSETTS.

## BICYCLE-PEDAL CLIP.

SPECIFICATION forming part of Letters Patent No. 570,778, dated November 3, 1896.

Application filed February 12, 1896. Serial No. 578,987. (No model.)

### *To all whom it may concern:*

Be it known that I, JOHN E. STANNARD, a citizen of the United States, residing at Springfield, in the county of Hampden and State of Massachusetts, have invented certain new and useful Improvements in Bicycle-Pedal Clips, of which the following is a specification.

My invention relates to new and useful improvements in bicycle-pedal clips, and has for its object to provide a device of this description which, when applied to a pedal, may be brought into position by the pressure of the foot, so that the toe may be passed under the clip in order that the foot may be kept in position upon the pedal, and when the toe is removed and the pressure is released it will swing to a position which will cause the pedal to remain right side up horizontally.

With these ends in view my invention consists in the details of construction and combination of elements hereinafter set forth and then specifically designated by the claims.

In order that those skilled in the art to which this invention appertains may understand how to make and use the same, I will describe its construction and operation in detail, referring by letters to the accompanying drawings, forming a part of this specification, and in which—

Figure 1 is a perspective of a pedal having my improvement attached thereto; and Fig. 2 a cross-section of said pedals, showing in full lines the clip in the position assumed when pressure is brought to bear upon the heel thereof and in dotted lines the normal position of the clip when not in use.

Referring to the drawings, A is a bracket which is secured upon the edge of the pedal B by the small bolt C, passing through a suitable hole formed in said edge, and a nut threaded upon said bolt. Between the ears of this bracket is pivoted the clip D at E, and it consists of a strip of metal so bent as to form the heel F and toe-hook G. Upon the heel is a small lug H, adapted to strike against the bracket in order that the swinging movement of the clip may be limited, as clearly shown in the dotted lines in Fig. 2.

In practice the normal position of the clip is such as to place the center of gravity in the same vertical plane with the axial line of the pedal, which will have the effect of causing

the pedal to remain in the horizontal position when the clip is swung downward.

When the rider mounts the machine and places his foot upon the pedal, pressure will be brought to bear upon the heel F of the clip, which will cause it to spring upward, as shown in the full lines in Fig. 2, so that the toe may be shoved forward under the hook G, whereby all of the advantages attendant upon the ordinary clip are gained. When the foot is removed from the pedal, the clip is immediately brought down to the position shown in the dotted lines, thereby holding the pedal horizontally right side up in proper position to receive the foot when again placed thereon. In bicycling this proves of great advantage to the rider, in that no care or annoyance is occasioned in finding the pedal.

The clip is notched or has holes J formed therethrough where it comes in contact with the under side of the pedal, so that the spurs I may pass into these notches or holes in order that they may engage the shoe-sole when the reverse side of the pedal is up and used without the toe-clip.

Other slight modifications might be made in this construction without departing from the spirit of my invention, which rests in the broad idea of providing a swinging clip which, when out of use, will serve as a counterweight to hold the pedal in a horizontal position by pressure upon the heel-piece.

Having thus fully described my invention, what I claim as new and useful is—

1. In a device of the character described, a bracket adapted to be removably secured to a pedal, a clip pivoted to said bracket, having one end normally extended above one side of the pedal and the other adapted to be swung up into position on the other side when the first-mentioned end is depressed and a lug on the first adapted to strike against the bracket to limit its downward movement, as and for the purpose described.

2. In combination with the pedal, a bracket A, detachably secured thereto, by means of a bolt and nut, a clip formed of a strip of metal pivoted to said bracket, and having a heel-piece F formed integrally with said clip, a projection from said heel-piece adapted to strike against the bracket and to arrest the downward movement of the clip, a hook under

which the toe of the rider may be passed and  
holes or notches in the clip adapted to pass  
over the prongs of the pedal, whereby the foot  
is prevented from slipping when the reversed  
5 side of the pedal is used, substantially as de-  
scribed.

In testimony whereof I have hereunto af-

fixed my signature in the presence of two sub-  
scribing witnesses.

JOHN E. STANNARD.

Witnesses:

S. S. WILLIAMSON,  
JOSEPH C. BOOTH.