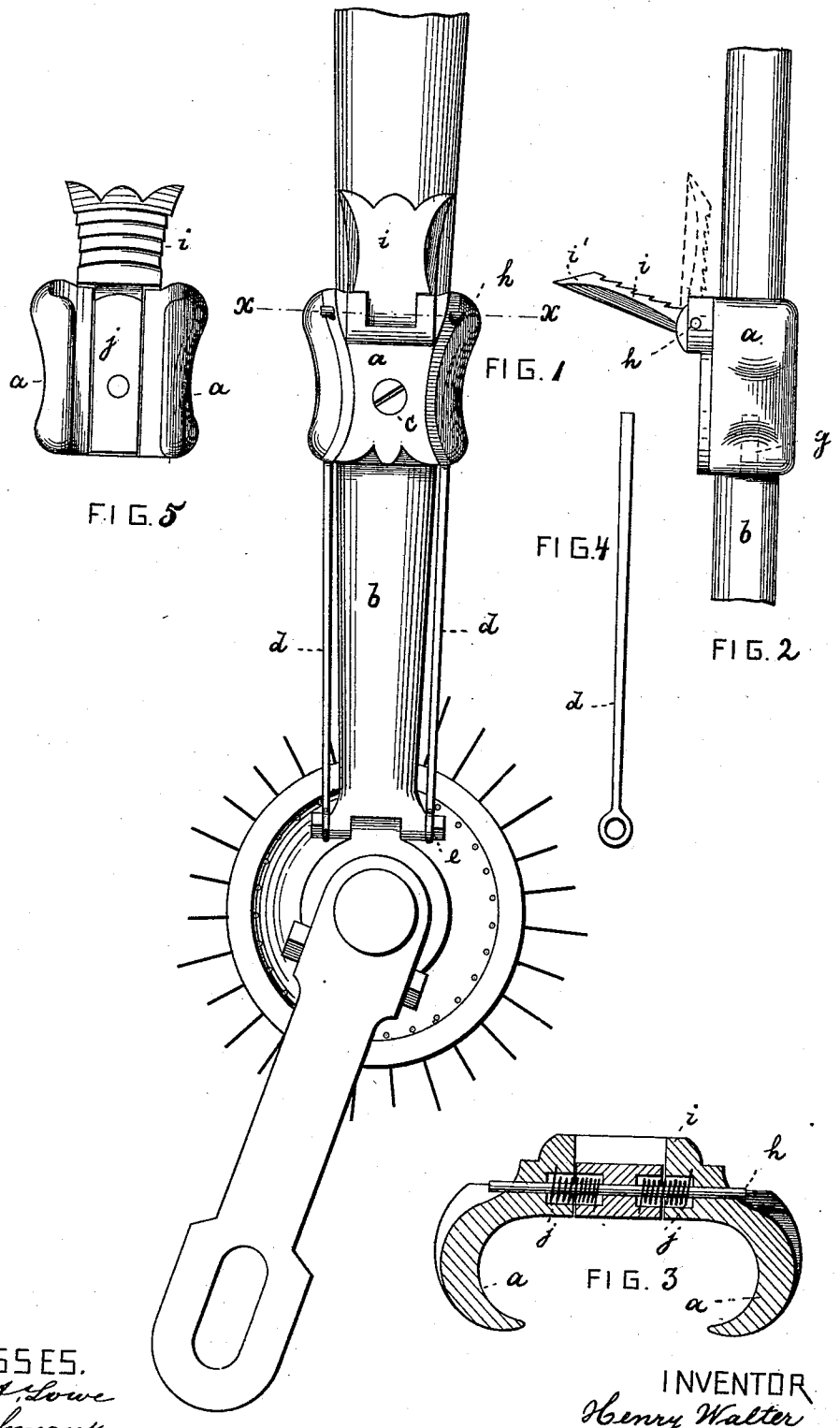
(No Model.)

H. WALTER.

FOOT REST FOR BICYCLES.

No. 396,182. Patented Jan. 15, 1889.



WITNESSES.
Wm. A. Lowe
A. Jonghmans.

INVENTOR
Henry Walter
by his attorneys
Roeder & Briesen

N. PETERS. Photo-Lithographer. Washington, D. C.

UNITED STATES PATENT OFFICE.

HENRY WALTER, OF JERSEY CITY, NEW JERSEY.

FOOT-REST FOR BICYCLES.

SPECIFICATION forming part of Letters Patent No. 396,182, dated January 15, 1889.

Application filed September 24, 1888. Serial No. 286,272. (No model.)

To all whom it may concern:

Be it known that I, HENRY WALTER, of Jersey City Heights, Hudson county, State of New Jersey, have invented an Improved Foot-Rest for Bicycles, of which the following is a specification.

This invention relates to a foot-rest for bicycles, the foot-rest being employed in pairs, and upon which the feet are to be supported when taken off the pedals. Heretofore the feet when going downhill were generally thrown over the handle-bar, which was a matter of considerable inconvenience to the rider.

The invention consists in the various features of improvement, more fully pointed out in the claims.

In the accompanying drawings, Figure 1 is a side view of portion of a bicycle provided with my improved foot-rest. Fig. 2 is an end view of the foot-rest. Fig. 3 is an enlarged section on line *x x*, Fig. 1. Fig. 4 is a detail view of rod *d*, and Fig. 5 an inner view of a modification of the foot-rest.

The letter *a* represents a U-shaped clamp adapted to embrace one of the uprights of the fork *b* of a bicycle. The clamp is held in place upon the fork by a set-screw, *c*, and also by a pair of eye-bars, *d d*, embracing the bolt *e* at their lower end and entering mortises *g* in the lower edge of the clamp. To the upper end of the clamp *a* there is pivoted by pivot *h* a foot-piece, *i*. This foot-piece is normally held in its upright position—that is, parallel with the fork *b*—by a spring, *j*.

In Fig. 3 a pair of coiled springs are shown that surround the pivot *h*, and which throw the foot-piece *i* upward as soon as it is relieved from pressure.

In Fig. 5 the coiled springs are replaced by a leaf-spring, which will hold the foot-piece in its upright position, but which will not throw it up when released.

The upper edge of foot-piece *i* is beveled, as shown at *i'*, so that the foot of the rider may find a proper contact-surface for throwing the foot-piece outward.

In practice the rider, when he wishes to use the foot-rest, bears upon the bevel *i'* and thus swings the foot-piece *i* into a horizontal or nearly horizontal position, as shown in Fig. 2. In this position the foot-piece will properly support the foot of the rider. If the rider is no longer desirous of using the foot-rest, he lifts the foot upward. With the construction shown in Fig. 3 the foot-piece *i* will automatically swing upward and out of the way; but in the modification shown in Fig. 5 the rider must throw the piece *i* upward with his foot.

What I claim is—

1. The combination of clamp *a*, adapted to straddle the fork of a bicycle, with foot-piece *i*, pivoted to such clamp and having a beveled edge, *i'*, substantially as specified.

2. The combination of clamp *a*, with foot-piece *i*, pivoted thereto, and with a spring, *j*, and set-screw *c*, substantially as specified.

3. The combination of clamp *a*, having mortises *g*, with the bars *d*, set-screw *c*, pivoted foot-piece *i*, and spring *j*, substantially as specified.

HENRY WALTER.

Witnesses:
HENRY E. ROEDER,
F. V. BRIESEN.