

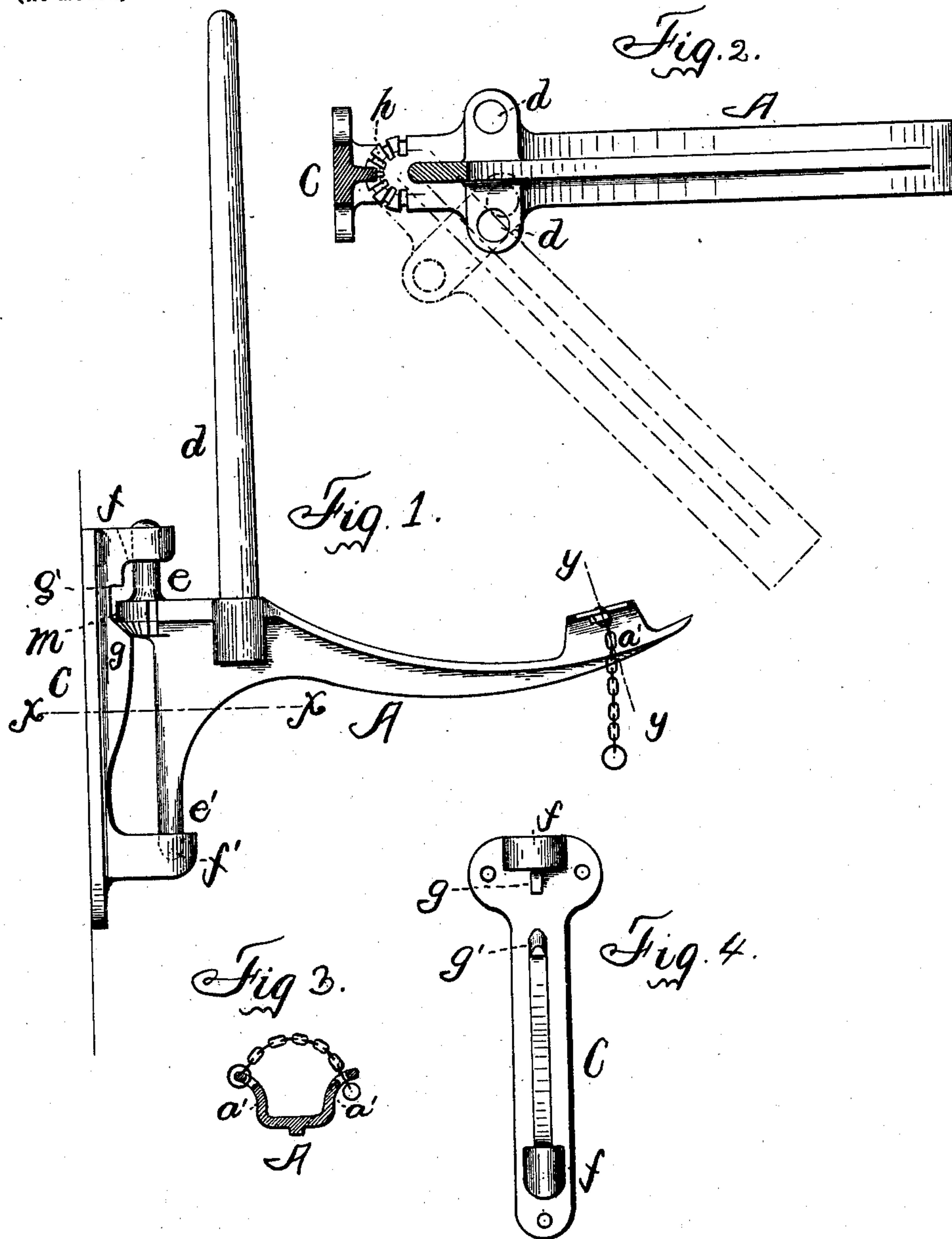
No. 679,794.

Patented Aug. 6, 1901.

J. E. SWEET.  
BICYCLE SUPPORT.

(Application filed Nov. 20, 1897.)

(No Model.)



WITNESSES:

Charles N. Morrin.  
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# UNITED STATES PATENT OFFICE.

JOHN E. SWEET, OF SYRACUSE, NEW YORK.

## BICYCLE-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 679,794, dated August 6, 1901.

Application filed November 20, 1897. Serial No. 659,218. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN E. SWEET, of Syracuse, in the county of Onondaga, in the State of New York, have invented new and  
5 useful Improvements in Bicycle-Supports, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

This invention relates to racks or standards  
10 for cycles.

My object is to produce such a rack or bracket, swinging or stationary, for temporarily supporting cycles so as to allow them to occupy a minimum amount of space when  
15 not in use and at the same time to place them in such a position that they will be out of the way as much as possible. To do this, I support the front wheel in an elevated position, where it may be locked to the rack  
20 or bracket, if desired; and my further object is to produce such a device cheap and durable in its construction and of great utility; and to that end my invention consists in the  
25 several new and novel features of construction and operation hereinafter described and which are specifically set forth in the claims hereunto annexed.

It is constructed as follows, reference being had to the accompanying drawings, in  
30 which—

Figure 1 is a side view of a swinging wall-rack. Fig. 2 is a section on line *x x*, Fig. 1, looking toward the top. Fig. 3 is a front  
35 view of the bracket, the swinging arm being detached. Fig. 4 is a cross-section on line *y y*, Fig. 1.

A is the wheel-holder, constructed in any suitable manner, either by casting or otherwise, and comprises a body preferably having  
40 its upper face curved longitudinally, as shown in Fig. 1, so as to conform somewhat to the curvature of the wheel, and in cross-section to be made flat or concaved, as desired, and it may or may not be provided upon its forward  
45 end with lips *a*, through which a pin, strap, or chain may be inserted, and provided with means for locking the wheel therein. The wheel-holder A may be supported by a  
50 standard, and is also provided upon one end with pintles, by which it is pivoted to a wall-bracket, so that it may swing laterally.

At or near the rear end of the wheel-holder

A, I erect standards *d*, leaving sufficient space between them to closely engage the forward wheel for the purpose of holding the cycle in  
55 a firm grip to support it from lateral displacement.

In Fig. 1 I show the wheel-holder A provided with upward and downward extending pintles *e* and *e'*, which are adapted to  
60 engage with the opening and recess *f* and *f'* in the wall-bracket C. This bracket C is provided with two shoulders *g* and *g'*. The wheel-holder A is also provided upon its rear end with a semicircular shoulder *m*, the  
65 outer edge of which is drawn inwardly as it approaches the bottom, and this edge is provided with recesses, as shown in Fig. 2, and adapted to engage with the shoulder or lug  
70 *g*, so as to prevent the wheel-holding arm A from swinging.

When it is desired to swing the arm A, I raise it until the recesses are out of engagement with the lug *g*, when it may be turned  
75 to any position desired, the arm being held within the bracket by the shoulder *g'*. When I desire to remove the arm A from the bracket C, I turn the arm A clear around to one side until the forward end of the  
80 shoulder *m* will slip by the shoulder *g*, when it may be raised sufficiently to allow the pintle *e'* to be withdrawn from the recess *f'*.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A cycle-rack comprising a bracket, a wheel-arm having upwardly-extending arms and provided at one end with oppositely-extending pintles adapted to engage said  
85 bracket.

2. A cycle-rack comprising a bracket, a wheel-arm having at one end oppositely-extending pintles adapted to engage said bracket, and provided with a semicircular  
90 slotted shoulder adapted to engage with a lug upon the bracket, for the purposes set forth.

In witness whereof I have hereunto set my hand this 11th day of November, 1897.

JOHN E. SWEET.

In presence of—

J. R. MONTAGUE,  
A. A. SCHENCK.