

(No Model.)

I. M. LINCOLN.
ATTACHMENT FOR BICYCLES.

No. 561,262.

Patented June 2, 1896.

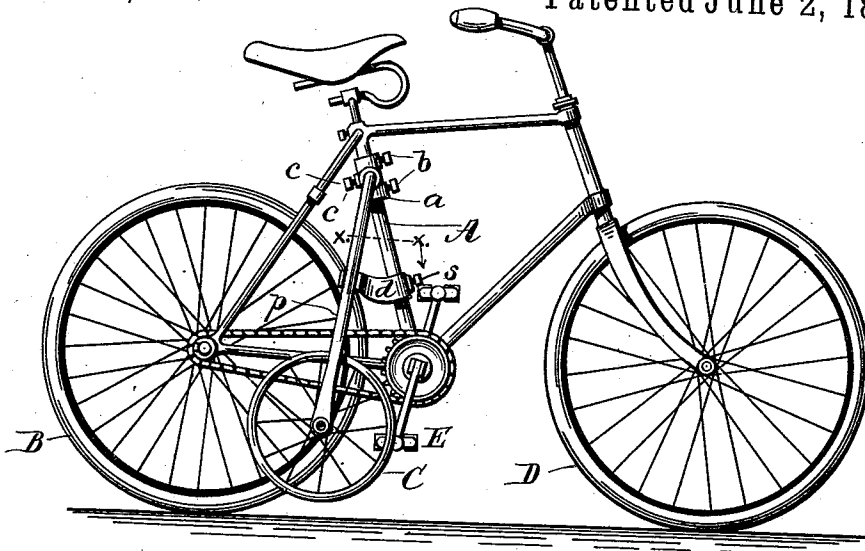


FIG. 1.

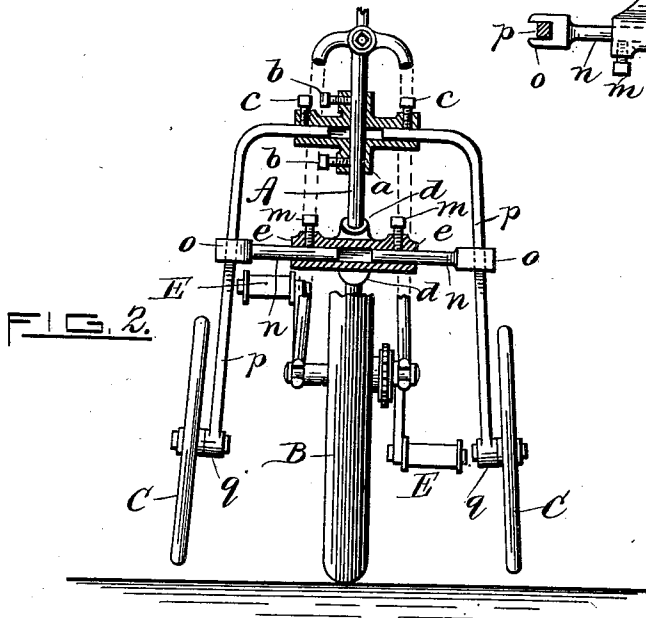
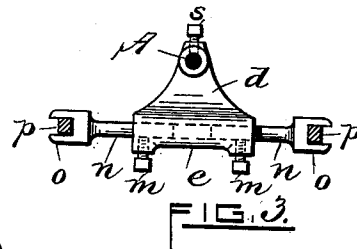


FIG. 2.

WITNESSES.

INVENTOR.

Nettie S. Buchanan
James H. Richardson

Isaac M. Lincoln
by Charles T. Hannigan
Atty

UNITED STATES PATENT OFFICE.

ISAAC M. LINCOLN, OF PROVIDENCE, RHODE ISLAND.

ATTACHMENT FOR BICYCLES.

SPECIFICATION forming part of Letters Patent No. 561,262, dated June 2, 1896.

Application filed February 7, 1896. Serial No. 578,412. (No model.)

To all whom it may concern:

Be it known that I, ISAAC MARSHALL LINCOLN, of the city and county of Providence, in the State of Rhode Island, have invented a certain new and useful Improvement in Attachments for Bicycles; and I declare the following to be a specification thereof, reference being had to the accompanying drawings.

Like letters indicate like parts.

Figure 1 is a side elevation of my invention. Fig. 2 is a rear view of the same with the tubular supports shown in longitudinal section. Fig. 3 is a view, partly in top plan and partly in section, of the lower tubular support and brace and the arms therein, as seen on line *x x* of Fig. 1.

My invention is an attachment for bicycles adapted especially for beginners learning the use of the vehicle and for postmen and others desiring to leave the machine frequently standing in the street.

It consists in providing a bicycle of ordinary construction with two side wheels mounted at the lower ends of vertical side bars, which at their upper ends are bent and adjustably secured in a tubular support upon the main post, and which are braced midway by arms adjustably secured in a tubular support or bracket, also extending from said post, as hereinafter particularly described.

In the drawings I show a bicycle of the usual or any approved construction.

A designates the main post or standard of the bicycle. On the post A is the upper tubular support *a*, consisting of two sleeves, integral with each other, crossing at right angles, and each longitudinally bored, so that said bores intersect each other at the center. The end of each sleeve is enlarged to form there a flange, and set-screws *b b c c* are provided, passing through said flanges, respectively, at one side thereof, as shown in Fig. 2. On the post A is also a lower support or bracket *d*, having a sleeve or tube *e*, in which there is a longitudinal bore. The ends of this tube are also enlarged, and set-screws *m* are there provided, passing through said tube *e* to the bore thereof, as seen in Fig. 2.

In the bore of the tubular portion *e* of the bracket or support *d* two arms or bars *n n* are inserted, extending outwardly therefrom. They are each provided at the outer end with

an enlargement or head *o*, having a slot preferably rectangular in form. Two vertical side bars or side supports *p p* have at their lower ends, respectively, collars or hubs *q q*, in which the side wheels C are rotatably mounted. The upper ends of the bars *p p* are bent, as shown in Fig. 2, and at their extremities are inserted in the horizontal bore of the tubular support *a*.

The bars *p p* are inserted in the slots at the ends *o o* of the arms *n n*, respectively, and in that part are preferably rectangular in cross-section, as shown in Fig. 3. By means of the set-screws *b b* the tubular support *a* is adjustable upon the post A to the desired height and fastened thereon, and by means of the set-screws *s* the bracket *d* is adjustable and secured on said post A. By the set-screws *c c* the bent ends of the bars *p p* are fastened in a proper position in the horizontal sleeve of the tubular portion *a*. By the set-screws *m m* the arms *n n* are fastened in the desired position in the bore of the tubular portion *e* of the bracket *d*.

When the rider is properly propelling the bicycle, it moves upon the wheels B D only, as usual; but if the bicycle is tipped too much on either side the wheel C on that side comes in contact with the ground and supports the wheel, so as to prevent its falling sidewise. Said support *a* and bracket *d* may be arranged so as to be detachable from the post, if desired.

As seen by Fig. 2, the pedals E E are inside the planes of the bars *p p* and therefore are not impeded thereby.

I claim as a new and useful invention and desire to secure by Letters Patent—

1. In a bicycle the combination with the post, of a sleeve movable on the post and having a tube extending at a right angle on each side, set-screws adapted to adjustably secure said sleeve on the post, two vertical side bars having wheels at their lower ends, respectively, and their upper ends bent so as to be engageable with the tubes of said sleeve, and set-screws adapted to adjustably fasten the bent ends of said side bars in said tubes, substantially as set forth.

2. In a bicycle, the combination with the post, of a sleeve movable on said post, and adjustable thereon by set-screws and having a tube extending at a right angle on each side,

two vertical side bars having wheels at their lower ends, respectively, and their upper ends bent so as to be engageable with the tubes of said sleeve and fastened adjustably thereto
5 by set-screws, a bracket adjustably mounted on said post and provided with a tubular support, and brace-arms mounted adjustably in said tubular support at their inner ends and
having their outer ends engaged with the side bars, respectively, at a point on each side 10 about midway upon said bars, substantially as described.

ISAAC M. LINCOLN.

Witnesses:

ALFRED S. JOHNSON,
NETTIE S. BUCHANAN.