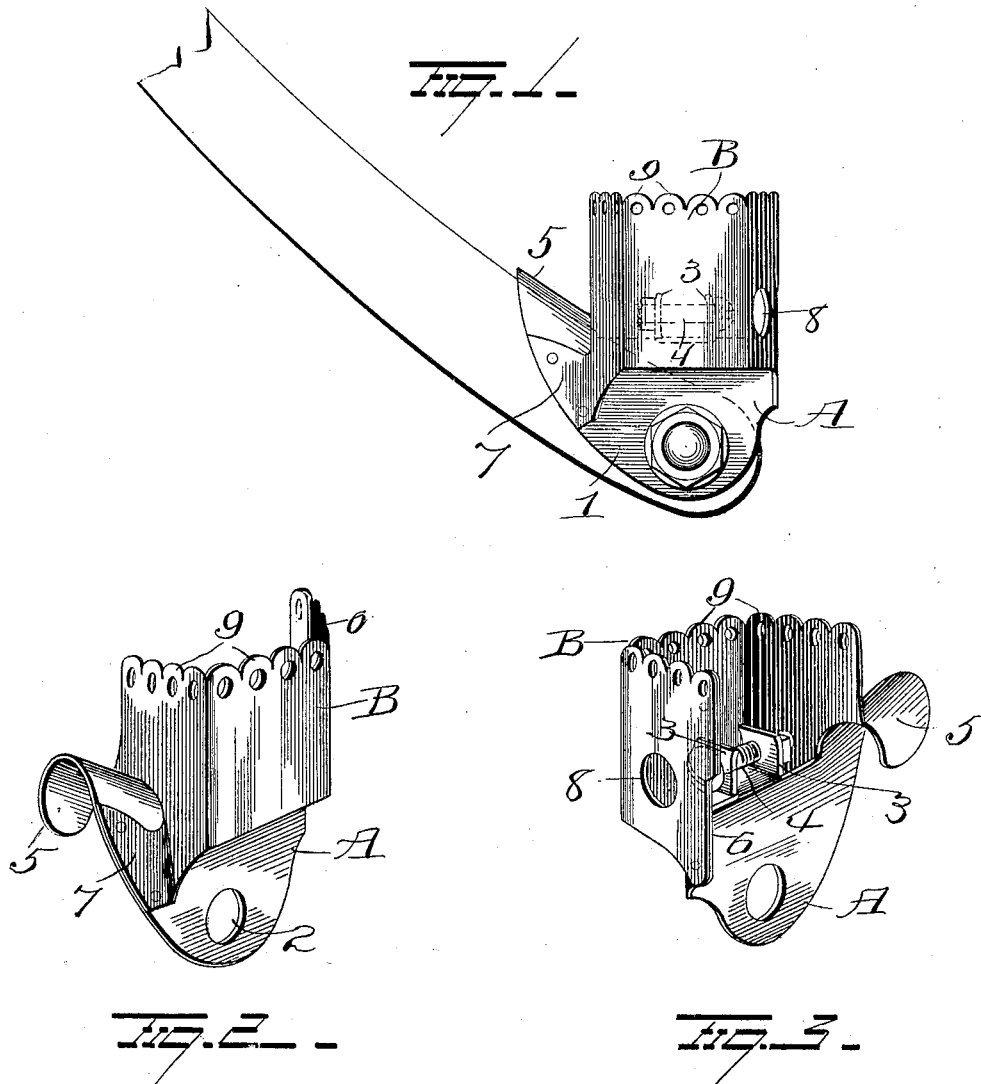


No. 649,570.

Patented May 15, 1900.

C. H. ELDON.  
CYCLOMETER GUARD.  
(Application filed Sept. 2, 1899.)

(No Model.)



WITNESSES  
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# UNITED STATES PATENT OFFICE.

CHARLES H. ELTON, OF WILLIAMSPORT, PENNSYLVANIA.

## CYCLOMETER-GUARD.

SPECIFICATION forming part of Letters Patent No. 649,570, dated May 15, 1900.

Application filed September 2, 1899. Serial No. 729,344. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES H. ELTON, a resident of Williamsport, in the county of Lycoming and State of Pennsylvania, have invented certain new and useful Improvements in Cyclometer-Guards; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to an improvement in cyclometer-guards, one object of the invention being to provide a cyclometer-guard which can be readily attached to a bicycle and which will effectually prevent injury or damage to the cyclometer.

A further object is to provide a cyclometer-guard which will be extremely simple in construction, cheap to manufacture, neat in appearance, and most effectual when in use.

With these objects in view the invention consists in certain novel features of construction and combinations and arrangements of parts, as will be more fully hereinafter described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a perspective view showing my improved device secured to a bicycle, and Figs. 2 and 3 are detail views.

My improved device is made, preferably, of two pieces of metal A and B. The section A is flat, as shown at 1, throughout the greater portion of its length and is provided with a hole or opening 2 for the passage of the axle of a bicycle. The flat portion 1 is slit near one edge and bent to form outwardly-projecting parallel lugs 3 3, having aligned holes for the reception of a bolt or screw 4 to securely clamp the cyclometer to the guard. The upper end of the section A is made with a hook-shaped arm 5 to embrace one of the members of the bicycle-fork, and the lower end of the section A is elongated and bent at right angles to form a flange 6, to which the section or shield B is secured, said section or shield constituting the body portion of the guard and adapted to inclose the cyclometer supported by the section A.

The shield B is bent to inclose the cyclometer, as above mentioned, and is secured at one edge to the flange 6 and is cut out to conform to the contour of the curved arm 5 at its upper end and is provided with a tongue

7, secured to the section A. The lower side of the shield B is made with an opening 8 to permit the entrance of a screw-driver or other tool to turn the screw or bolt 4 and clamp the cyclometer, and the outer edge of the shield may be provided with suitable ornamentation 9, as clearly shown in Fig. 1.

It will be seen that when my improved device is employed the shield B will inclose the cyclometer and protect the same against accidental blows or collisions to damage the cyclometer.

Various slight changes might be resorted to in the general form and arrangement of the several parts described without departing from the spirit and scope of my invention, and hence I would have it understood that I do not wish to limit myself to the precise details set forth, but consider myself at liberty to make such slight changes and alterations as fairly fall within the spirit and scope of my invention.

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

1. A guard comprising a body portion, a shield and an arm projecting from the body portion into the shield and means for securing the device to be protected to said arm.

2. A guard comprising a body portion, lugs within said body portion for securing a cyclometer therein and means for securing the guard to a cycle in proximity to a wheel so as to be operated thereby.

3. A guard comprising a body portion, means therein for supporting a cyclometer, a perforated arm for the reception of the axle of a cycle-wheel, and a hook-shaped arm projecting laterally from the body portion of the guard and adapted to embrace a bar of the cycle-frame.

4. As an article of manufacture, a cyclometer-guard consisting of a shield, means in the bottom thereof for supporting a cyclometer and means for holding the cyclometer and the shield in proper position on a bicycle.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

CHARLES H. ELTON.

Witnesses:

JOHN E. DANNEKER,  
JOHN FISCHER.