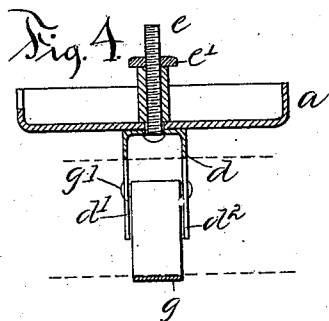
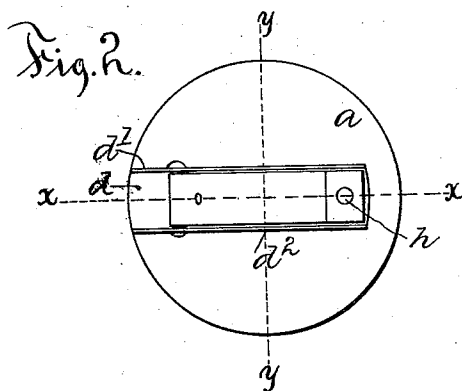
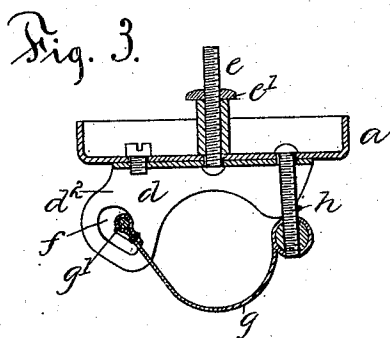
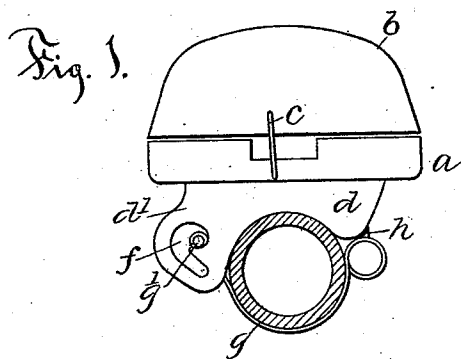


(No Model.)

F. A. SCRANTON.
BICYCLE BELL CLAMP.

No. 572,379.

Patented Dec. 1, 1896.



Witnesses.
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UNITED STATES PATENT OFFICE

FREDERICK A. SCRANTON, OF EAST HAMPTON, CONNECTICUT, ASSIGNOR TO
THE BEVIN BROTHERS MANUFACTURING COMPANY, OF SAME PLACE.

BICYCLE-BELL CLAMP.

SPECIFICATION forming part of Letters Patent No. 572,379, dated December 1, 1896.

Application filed January 6, 1896. Serial No. 574,430. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK A. SCRANTON, a citizen of the United States, and a resident of East Hampton, in the county of Middlesex and State of Connecticut, have invented certain new and useful Improvements in Bicycle-Bells, of which the following is a full, clear, and exact description, whereby any one skilled in the art can make and use the same.

The object of my invention is to provide an improved means for attaching a bicycle-bell to the handle-bar or like part of a bicycle; and to this end my invention consists in the details of the several parts making up the bell and its attaching means and in the combination of such parts, as hereinafter described, and more particularly pointed out in the claims.

Referring to the drawings, Figure 1 is a detail side view of a bell provided with my improved attaching means. Fig. 2 is a bottom view of the same. Fig. 3 is a detail view, in central vertical section, on line *x x* of Fig. 2. Fig. 4 is a detail view, in central vertical section, on the line *y y* of Fig. 2.

In the accompanying drawings the letter *a* denotes a base-plate, and *b* the gong, within which is located any desired form of mechanism operated by a handle *c*.

A bracket *d* is secured to the under side of the base-plate in any convenient manner, and consists of a U-shaped piece struck up from sheet metal and having the side parts *d'* *d''*. In the device herein shown a threaded stud *e* extends through the bracket and base, a nut *e'* being used to secure the stud in place, and the gong being secured to the upper end of the stud.

Angular sockets *f* are formed in the side parts of the bracket *d* at one end thereof, in which is located an adjusting-stud *g'*, secured to the clamp *g*.

The clamp *g* is formed of thin flexible metal, as brass, and in the opposite end is secured a clamp-screw *h*.

The side parts of the bracket *d* are recessed to fit the curved surface of a handle-bar, (shown in dotted outline in Fig. 4 of the drawings,) and the clamp *g* is located between the side parts of the bracket *d* and is of a width

less than the distance between these side parts, so that when the device is clamped in place a double bearing-surface for the handle-bar is provided on one side of the latter and a single bearing-surface on the opposite side between the two bearing-surfaces, this affording a very effective means of clamping the device in place and preventing a movement lengthwise along the handle-bar.

The angular sockets *f* afford means of a coarse adjustment of the clamp, the bottom of one of the slots in each of the side parts being located at a greater distance from the clamp-screw *h* than is the bottom of the other slots, measured on a line around the handle-bar, and the clamp-screw *h* affords a means of fine adjustment and also of clamping the device securely in place.

I claim as my invention—

1. In combination, a base, a bracket U-shaped in cross-section secured to the base and having side parts with curved sockets in the edges thereof, angular sockets in the side parts of the bracket located opposite each other, a clamp pivoted at one end to and between the side parts of the bracket, a clamp-screw in engagement with the base and with one end of the clamp, and a stud secured to the opposite end of the clamp, extending through the side parts of the bracket, and in engagement with the angular sockets, all substantially as described.

2. In combination, a base, a bracket U-shaped in cross-section located on the under side of the base, a stud for a gong extending through the bracket and base, means for clamping the stud and base in position, angular sockets located opposite each other in each of the side parts of the bracket, a clamp pivoted to and between the side parts of the bracket, an adjusting-screw extending through the base and in engagement with one end of the clamp, and a stud secured to the opposite end of the clamp and in engagement with the angular sockets in the side parts of the bracket, all substantially as described.

FREDERICK A. SCRANTON.

Witnesses:

MAYO S. PURPLE,
S. MILLS BEVIN.