(No Model.)

H. S. BRODIE.

CYCLIST'S RIDING RECORD.

No. 602,053. Patented Apr. 12, 1898.

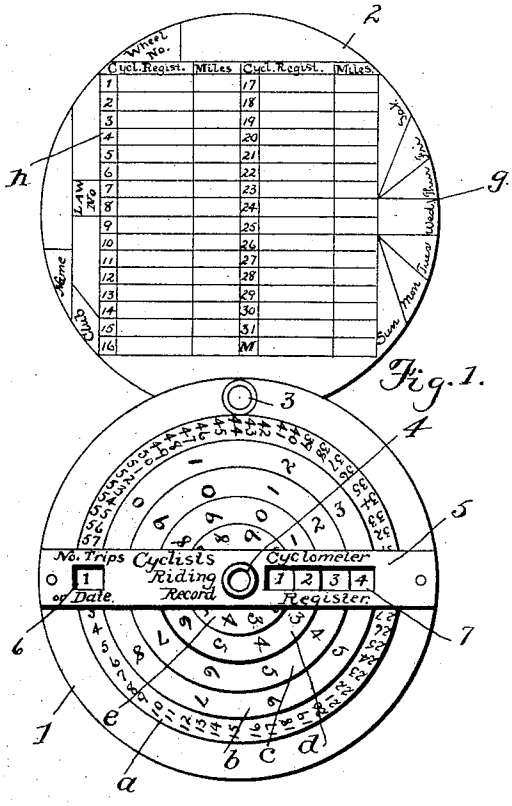


Fig. 1.

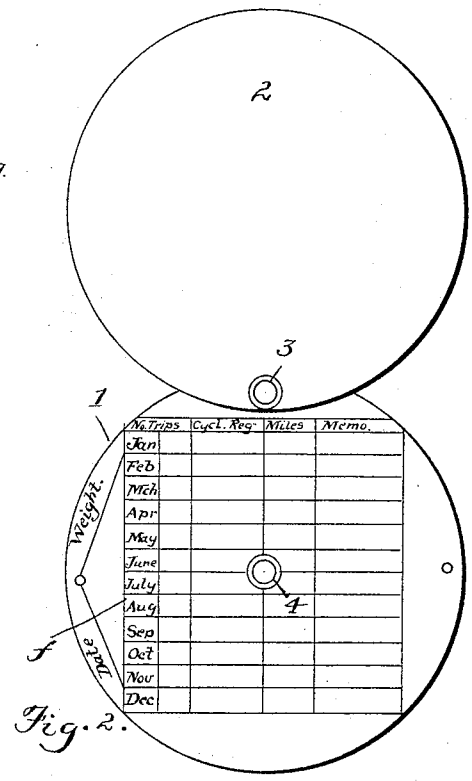


Fig. 2.

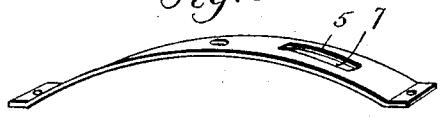


Fig. 3.

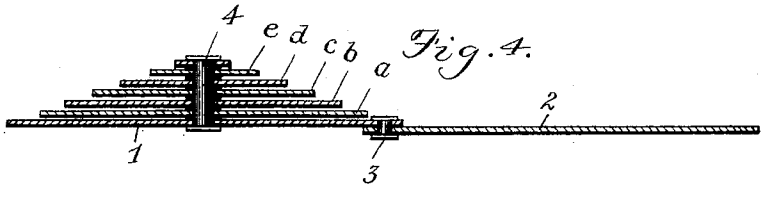


Fig. 4.

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UNITED STATES PATENT OFFICE.

HIRAM S. BRODIE, OF BALTIMORE, MARYLAND.

CYCLIST'S RIDING-RECORD.

SPECIFICATION forming part of Letters Patent No. 602,053, dated April 12, 1898.

Application filed July 1, 1897. Serial No. 643,108. (No model.)

To all whom it may concern:

Be it known that I, HIRAM S. BRODIE, of Baltimore city, State of Maryland, have invented certain new and useful Improvements in Cyclists' Riding-Records; 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.

This invention relates to new and useful improvements in recorders adapted especially for cyclists' use; and it consists in the novel arrangement of simple parts, which will be hereinafter fully described.

The object of the invention is to produce a device of the character designated that will be cheap, simple in construction, durable, and efficient in operation.

A further object of the invention is to provide a means whereby a cyclist by noting the number of miles recorded or registered by his cyclometer attached to his wheel at the time of starting can ascertain with absolute accuracy the number of miles ridden on that particular trip or for a day, month, or year, if required.

Other objects and advantages of my invention will become apparent in the course of the following description and the points of novelty will be particularly set forth in the claim.

I am enabled to accomplish the objects of my invention by the simple means illustrated in the accompanying drawings, in which—

Figure 1 represents a face view of my recording device, showing the disks containing the numerals for recording the trip or the day of the month and the number of miles represented or registered by the cyclometer upon starting upon the trip. Fig. 2 represents a reverse view of the device, and Fig. 3 represents a detail view of a strip forming a part of the device. Fig. 4 is a central section of the disks.

Referring to the drawings, the numeral 1 indicates a disk which is formed of any suitable material, but preferably celluloid, the said disk having secured to it near its periphery a similar disk 2, which is secured to the disk 1 preferably by means of an eyelet 3, which serves as a means for securing the disks together and also as a means for securing the whole device to the buttonhole or to the bicycle. The disk 1 has rotatably secured thereto, by an eyelet 4 passing through its center, a plurality of disks *a*, *b*, *c*, *d*, and *e*, the disk *a* having numerals, preferably from "1" to "52," radially arranged in proximity to its periphery, and the said disks *b*, *c*, *d*, and *e* each have radially arranged thereon numerals from "0" to "9."

The numeral 5 indicates a narrow strip of any suitable material, which extends nearly across the face of the disk 1 and is secured thereto at either end in proximity to the periphery of the disk *a*, and said strip is provided on one side with a short slot or opening 6 and near its other end with a longer slot or opening 7, the slot 6 being adapted to come opposite the numerals on the disk *a* as the same is rotated, and the slot 7 being adapted to come opposite the numerals upon the disks *b*, *c*, *d*, and *e* when said disks are rotated and the numerals thereon brought into alinement. The disks have preferably interposed between them thin washers of any suitable material, so that said disks can be readily revolved independently of each other and to prevent one disk from turning when another is rotated.

It will be apparent that the disks *b*, *c*, *d*, and *e* can be rotated and the numerals brought in alinement to indicate any number from "0" to "9999" or any intermediate number.

The letter *f* indicates a monthly calendar which is provided upon the rear face of disk 1, and the letter *g* indicates a series of spaces or devices containing the days of the week.

The letter *h* indicates a calendar indicating the days of the month, with suitable spaces provided opposite each numeral to fill in the number of miles the cyclometer registered on that particular day. I preferably leave the disk 2 blank on one side, as indicated in Fig. 2, for the reception of advertising or other descriptive matter. Suitable spaces are provided, preferably at the sides of the calendars, for the name and address of the rider or cyclist and the club to which he belongs, and also his weight, number of his wheel, or, in fact, any desired memoranda can be placed in these spaces. The calendar *f* is provided with suitable spaces in line with the different

months to indicate the number of a trip, the number of miles the cyclometer registered, and suitable spaces for memoranda.

I will now proceed to describe the operation of the disks, assuming the trip to be the fifth that the rider has taken or the day upon which the trip is taken is the 5th of the month. The disk *a* is revolved until the numeral "5" is brought opposite the opening 6. The disks *b*, *c*, *d*, and *e* are then rotated until the numerals appearing through the opening 7 correspond to the numerals appearing upon the cyclometer. When the rider has reached his destination or completed a trip, the recorder is referred to and the number of miles ridden in the last trip readily ascertained by a simple mental process.

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

A device of the character described, comprising a circular cover or disk with a calendar of the months of the year on the back thereof and suitable spaces opposite the months for the purposes set forth, rotatable disks centrally secured to the circular cover or disk, and provided near their peripheries with numerals, said disks being adapted to rotate independently of each other, a strip secured to the cover or disk at either side thereof and provided with a slot or opening adapted to come opposite the numerals on the largest disk, and a slot at the other end adapted to come opposite the numerals on the remaining disks when they are alined, a disk pivotally secured to the disk 1, and provided on its inner face with a calendar indicating the days of the month, means for attaching a cord or ribbon or other securing device whereby the same is supported, substantially as and for the purpose set forth.

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

HIRAM S. BRODIE.

Witnesses:
JOSEPH SAUNER,
J. ALBERT BATZER.