

R. QUINN.
SCHEDULE INDICATOR.
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1,064,770.

Patented June 17, 1913.

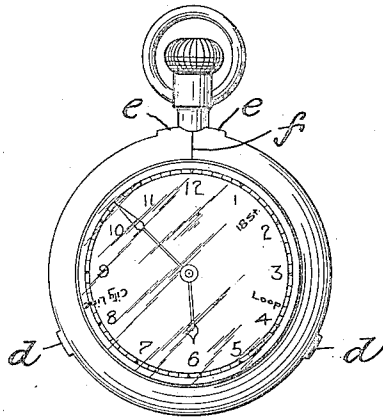


Fig. 1.

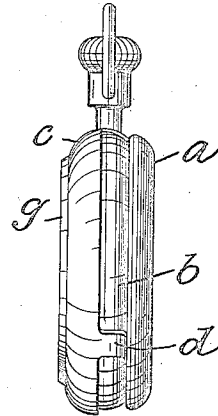


Fig. 2.

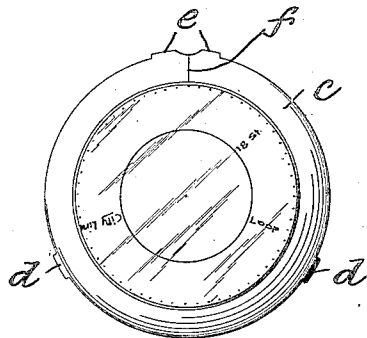


Fig. 3.

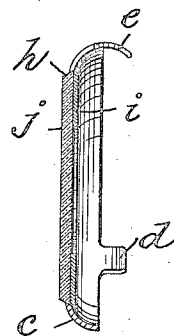


Fig. 4.

WITNESSES

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RICHARD QUINN, OF NEWARK, NEW JERSEY.

SCHEDULE-INDICATOR.

1,064,770.

Specification of Letters Patent.

Patented June 17, 1913.

Application filed February 5, 1912: Serial No. 675,530.

To all whom it may concern:

Be it known that I, RICHARD QUINN, a citizen of the United States, residing in the city of Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Schedule-Indicators, of which the following is a full, clear, and exact description, such as will enable others skilled in the art to which it

pertains to make, construct, and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, forming a part of this specification.

The invention relates to improvements in schedule-indicators, which are designed to be used by motormen, conductors, train men and the like, and has for its object the provision of a device which can be readily slipped over and firmly secured to the face of an ordinary open-faced watch, whereby the operator of the car before he starts out on a trip can adjust the same so that he can tell at what time he should be at a predetermined point, and thereby be enabled to regulate the speed of his car accordingly.

The invention includes an ordinary watch, to the front of which is secured a split-spring bezel provided with an indicating dial with the names of the streets, stations or other places marked thereon, the dial being preferably made of mica or other transparent material, capable of being turned in said bezel with respect to the watch face, so that the starting point may be placed at any desired time with respect to the watch dial, according to the time of starting.

The invention consists in the novel construction, combination and arrangement of parts, such as will be hereinafter fully described, pointed out in the appended claims, and illustrated in the accompanying drawings, in which—

Figure 1 represents a front elevation of a device embodying my invention. Fig. 2 represents a side elevation of the same. Fig. 3 represents a front elevation of the bezel and modified form of dial detached from the watch; and Fig. 4 represents a central section of the same.

Similar letters of reference are employed in all of the above described views, to indicate corresponding parts.

In the drawings, *a* represents an open-faced watch, such as is commonly carried by motormen, trainmen, conductors, and the like, provided with the usual circular casing *b*.

c represents a removable split-rim or bezel, made preferably of spring brass or other suitable material, designed to be snapped over the front of the watch *a* and secured to the circular casing thereof by means of the two side spring clips *d* which are formed integral therewith, and the top spring clips *e*, *e* which are located one on each side of the slit *f* formed in said rim, the inside edges of said clips *e*, *e* being so shaped as to conform to the stem of the watch, which they partly encircle to prevent the bezel from becoming accidentally disengaged from the watch casing *b*. These engaging spring clips *d*, *d* and *e*, *e* are formed integral with the rim or bezel *c* and extend from the rear circumferential edge thereof.

g represents a flat dial revolvably secured in the bezel in any convenient manner, preferably by beveling the circumferential edge *h* which is fitted to a corresponding beveled recess formed in the front of said bezel. This dial I prefer to make of transparent material, such as celluloid, mica or the like, and on the inside face thereof, either engrave, print, paint or impress the names of the streets, stations or other places.

In Figs. 3 and 4 of the drawings, I have shown an apertured and printed paper disk *i* pasted to the rear side of a glass dial *j*.

By means of the indicating device shown, a motorman, conductor or the like, may be provided with a bezel and dial on which the streets or stations will be indicated, and which dial can be set at the beginning of each trip and changed for a subsequent trip, so that he can tell at what time he should arrive at a predetermined point and thereby be enabled to regulate the speed of his car accordingly.

The invention is not limited to the exact embodiment shown, but may be modified in various ways in the scope of the following claims.

I claim:

1. In combination with the ordinary open-faced watch, a split bezel provided with a plurality of spring clips extending there-

from, and a movable dial secured in said bezel, said dial having inscribed upon it the names of different stations and streets.

2. In combination with the ordinary open-
5 faced watch, a split spring bezel provided with spring clips extending from the outer circumferential edge thereof, and a movable transparent dial secured in said bezel, said

dial having inscribed upon it the names of different stations and streets.

This specification signed and witnessed
this 2nd day of February, 1912.

RICHARD QUINN.

Witnesses:

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C. A. ALLISTON.
