

A. J. RICHARDSON.
DIAL.
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1,393,569.

Patented Oct. 11, 1921.

Fig. 2.

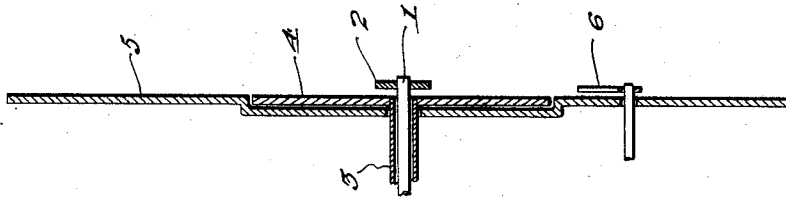
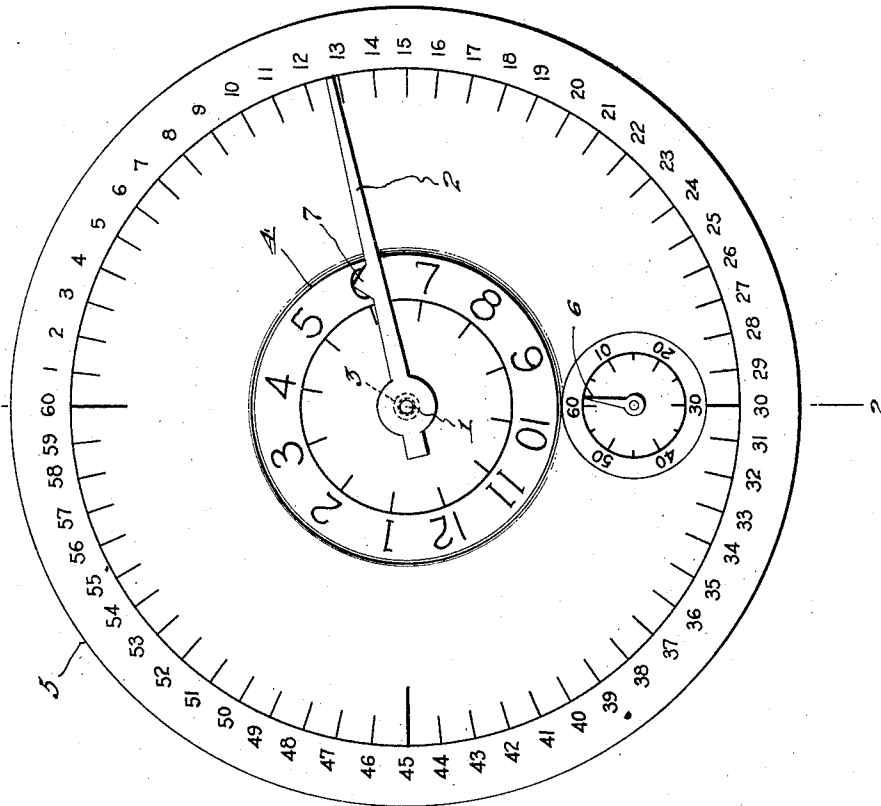


Fig. 1.



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WITNESS:

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UNITED STATES PATENT OFFICE.

ALBERT J. RICHARDSON, OF JOPLIN, MISSOURI.

DIAL.

1,393,569.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, ALBERT J. RICHARDSON, a citizen of the United States, residing at Joplin, in the county of Jasper and State of Missouri, have invented new and useful Improvements in Dials, of which the following is a specification.

This invention relates to improvements in clocks and the like, the principal object of the invention being to provide the clock with a single hand and a movable dial part for indicating the time.

Another object of the invention is to provide an indicator on the hand coöperating with the movable part of the dial for indicating the hour.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawings and specifically pointed out in the appended claims.

In describing my invention in detail, reference will be had to the accompanying drawings wherein like characters denote like or corresponding parts throughout the several views, and in which:—

Figure 1 is a face view of a clock provided with my invention.

Fig. 2 is a section on line 2—2 of Fig. 1.

In these views 1 indicates a minute-hand arbor to which the minute-hand 2 is connected and 3 indicates the hour sleeve or arbor to which a disk 4 is secured. This disk may occupy a recess formed in the dial 5 so that it will be flush with said dial 5 or it may be located above said dial. Dial 5 is divided into sixty minutes by the usual indicating marks, as shown, and the clock may also be provided with the means 6 for indicating the seconds. Disk 4 carries the numerals 1 to 12 for indicating the hours and the hand 2 is provided with a projection 7 for coöperating with said numerals.

As the disk 4 rotates eleven twelfths as fast as the minute hand the projections 7 on said minute hand will indicate the hour while the extremity of said hand will indicate the minutes. Thus the one hand will indicate both the hour and minutes of the time so that the time can be easily and quickly read as it is simply necessary to glance at the numeral projection 7 is adjacent to, to find the hour and the numeral the finger is pointing at to find the minutes. The drawing shows the time as 6-13.

It is thought from the foregoing description that the advantages and novel features of my invention will be readily apparent.

I desire it to be understood that I may make changes in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claims.

What I claim is:—

1. A dial of the class described comprising a minute and hour hand arbor, a disk occupying a recess formed in the dial, said dial divided into sixty minutes and means for indicating the seconds, the disk carrying the numerals for indicating the hour, a projection provided on the minute hand of the dial for coöperating with said numerals, the disk rotating eleven twelfths as fast as the minute hand so permitting the projection on said hand to indicate the hour, and the extremity of the hand to indicate the minutes.

2. In combination with a time-piece, a dial part connected with the hour arbor and having hour indicating numerals thereon, a minute hand having a projection thereon coöperating with the numeral for indicating the hour and a dial coöperating with the minute hand and divided into sixty minutes.

In testimony whereof I affix my signature.

ALBERT J. RICHARDSON.