

(No Model.)

R. TRAGARDH.  
DIAL FOR TIME PIECES.

No. 344,423.

Patented June 29, 1886.

Fig. 1.

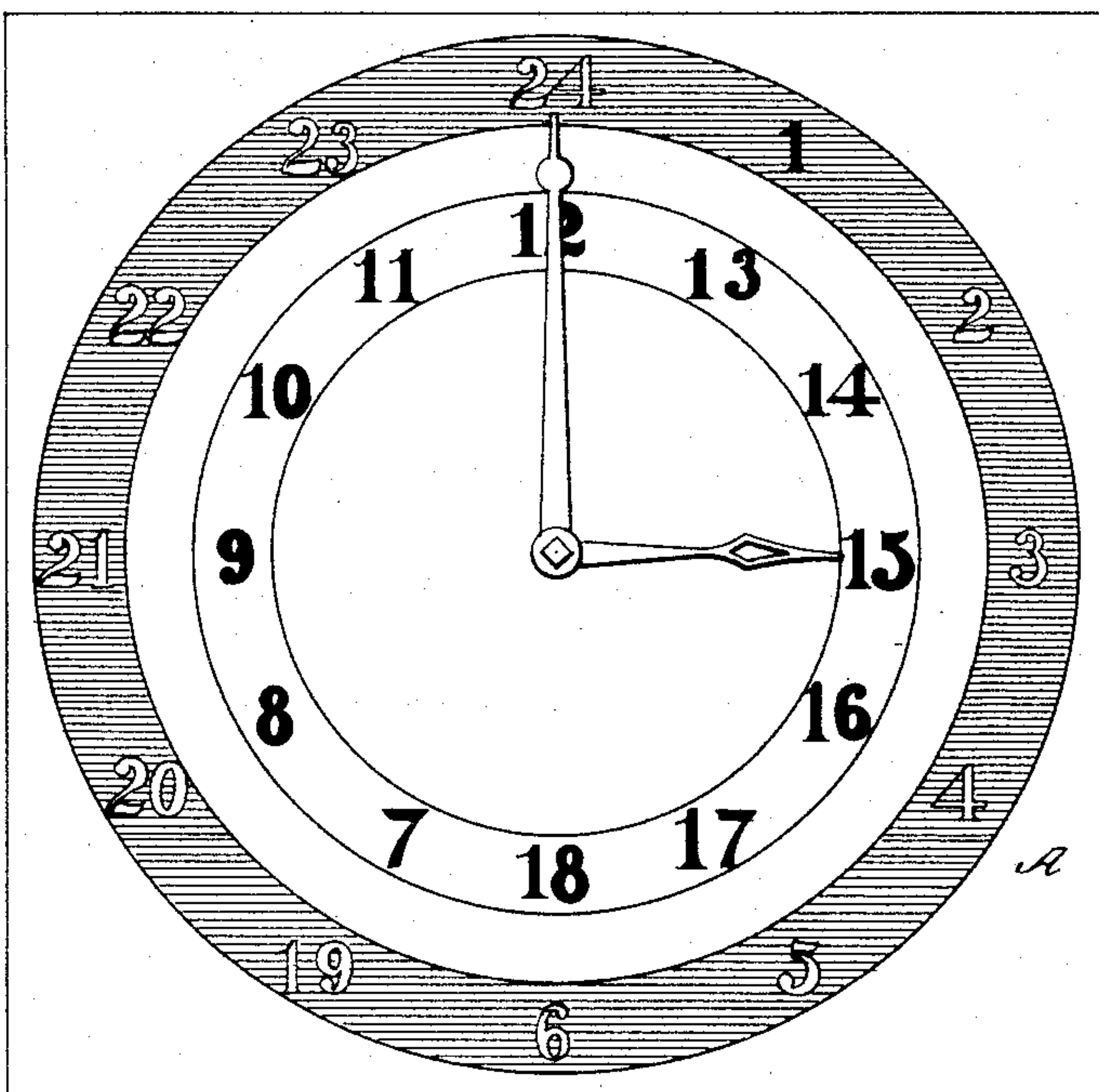
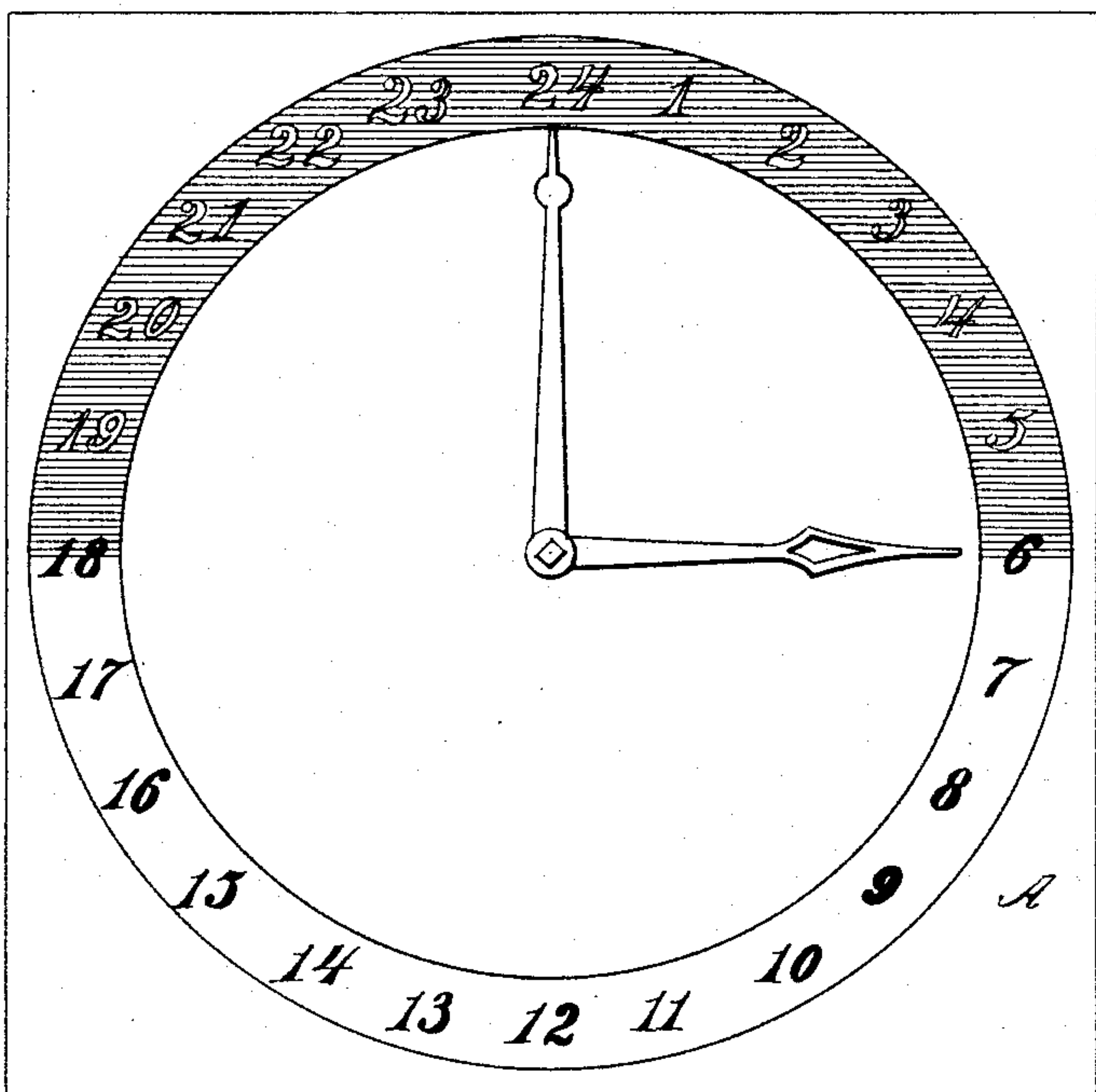


Fig. 2.



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# UNITED STATES PATENT OFFICE.

RUDOLPH TRAGARDH, OF CHICAGO, ILLINOIS.

## DIAL FOR TIME-PIECES.

SPECIFICATION forming part of Letters Patent No. 344,423, dated June 29, 1886.

Application filed December 17, 1883. Serial No. 114,733. (No model.)

*To all whom it may concern:*

Be it known that I, RUDOLPH TRAGARDH, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Dials for Clocks and Watches, of which the following is a specification, to wit:

This invention relates to an improvement in dial-plates for clocks and watches; and it consists in certain peculiarities of construction and arrangement, substantially as will be hereinafter more fully described, and pointed out in the claim.

In order to enable others skilled in the art to which my invention appertains to avail themselves of its benefits, I will now proceed to describe its construction and use, referring to the accompanying drawings, in which—

Figure 1 shows a dial arranged as herein described, and Fig. 2 is a modification of the same.

A represents a dial-plate for watches or clocks, provided with the figures from 1 to 24, representing the hours of the day and night. These figures are arranged in two concentric circles, one within the other, as shown in Fig. 1, one of these circles consisting of light figures upon a dark background, and the other showing dark figures upon a light background. By this arrangement all the figures representing hours of the night are made light and contrasted with a dark ground-work, and all the hours of the day are just the reverse, thus showing at all times to the best advantage.

Fig. 1 shows the manner of applying this method to the ordinary dial and mechanism, in which the circle is divided into twelve equal parts, and Fig. 2 shows the same method of contrasting the figures and ground-work as applied to a clock-movement arranged for twenty-four divisions.

The figures and their background may be painted, enameled, or otherwise formed in any desired manner and color, and the relative positions of the contrasting colors reversed, if found desirable.

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

In a dial for clocks and watches, two concentric circles arranged one within the other and of different colors, one of said circles showing figures thereon numbering from 19 to 24, both inclusive, representing hours of the first half of the night, and figures from 1 to 6, including both, standing for hours of the last half of the night, the other circle having thereon figures numbering from 7 to 12, including both, and representing the first half of the day, and figures numbering 13 to 18, including both, representing the last half of the day, all arranged and operating substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

RUDOLPH TRAGARDH.

Witnesses:

CHAS. KRESSMAN,

W. C. MCARTHUR.