

United States Patent

Hurt

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[54] WATCH

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[63] Continuation-in-part of Ser. No. 822,177, May 6, 1969, Pat. No. 3,533,228.

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[58] Field of Search .58/125 R, 125 B, 126 A, 126 A, 127

[56]

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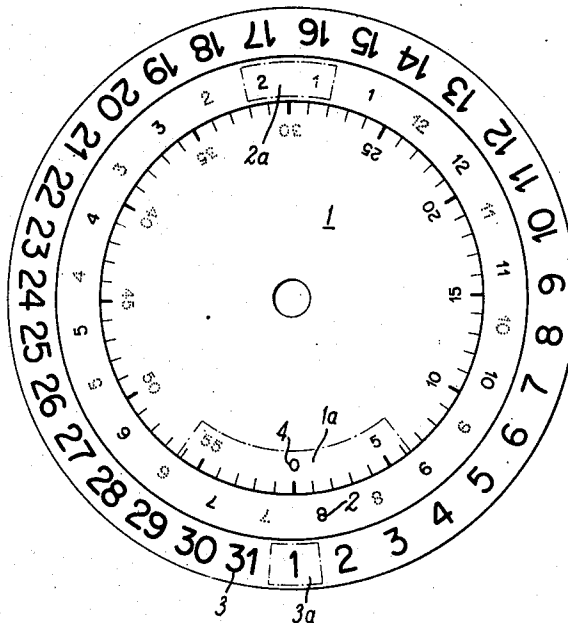
Attorney—Robert E. Burns and Emmanuel J. Lobato

[57]

ABSTRACT

Watch with coaxial minutes and hours discs, the minutes disc having indications for 0 to 29 minutes in a first color and 30 to 59 minutes in a second color and, having a third disc for indicating seconds or dates. Each hour indication is repeated, one in the first color, the other in the second, and successive hour indications in different colors are visible through the dial.

2 Claims, 3 Drawing Figures



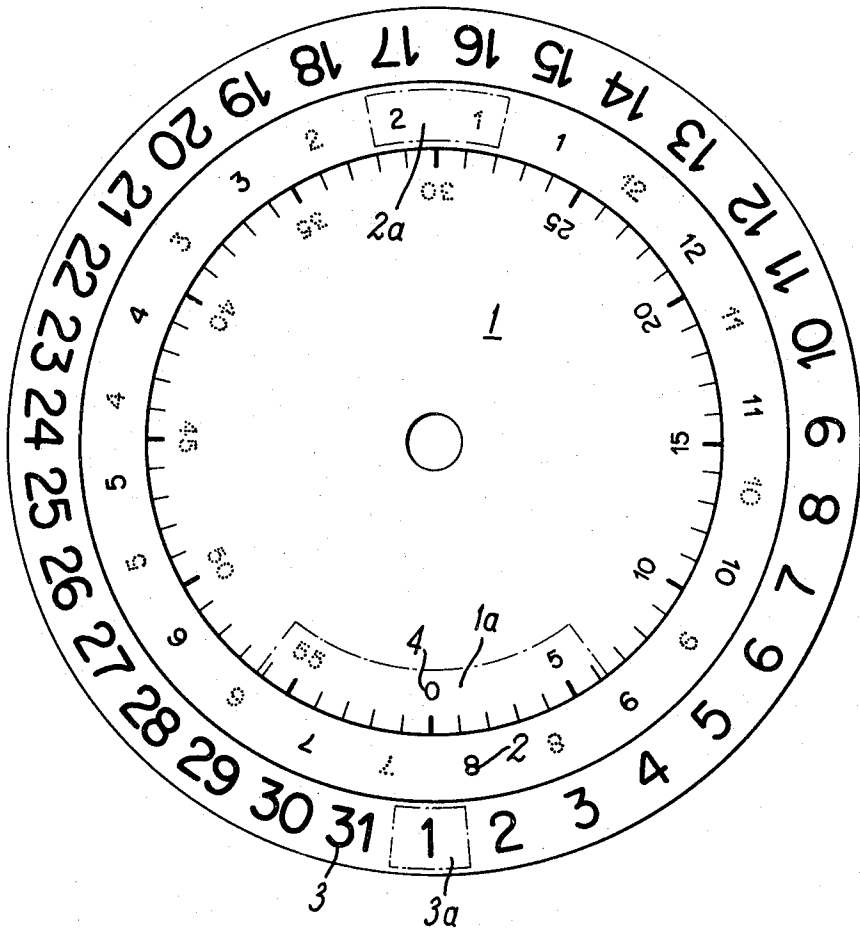


FIG. 1

FIG. 2

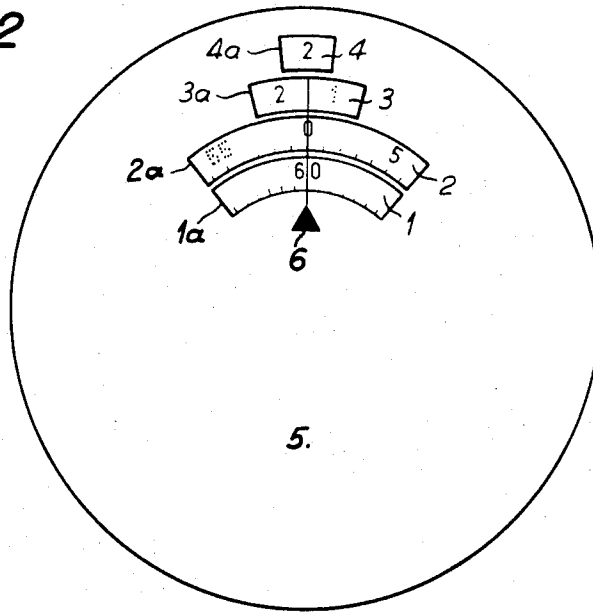
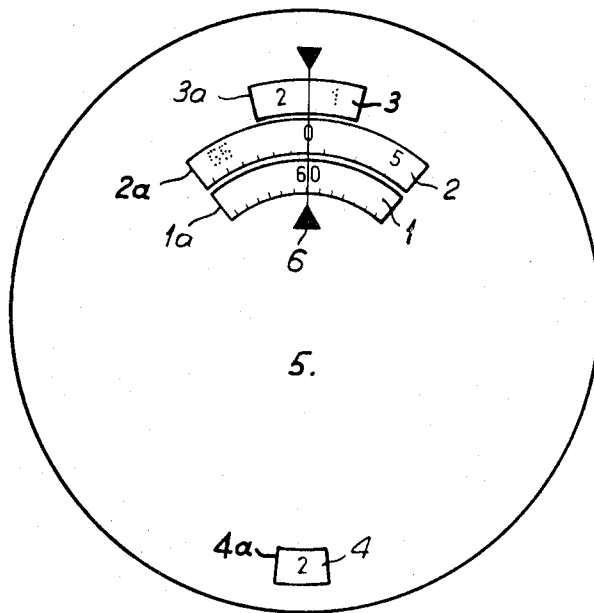


FIG. 3



WATCH

This application is a continuation in part of my application Ser. No. 822,177, now U.S. Pat. No. 3,533,228.

The watch according to the present invention is provided with at least two coaxial discs carrying indications of the minutes and hours.

Numerous watches of this type are known and which are generally provided with an hours disc which jumps over when the minutes disc comes to zero.

These watches have the disadvantage of being difficult to read especially at the time when the minutes disc passes the zero because at that moment an error in reading the hour is possible.

The watch of the invention aims to obviate these drawbacks. It is characterized by the fact that the indications on the hours disc are successively repeated in two different colors, and that the indications on the minutes disc are divided into two zones successively of different colors, the first going from 0 to 29 minutes, and the second from 30 to 59 minutes, the said different colors being successively the same.

The accompanying drawings shown, by way of example, an embodiment of the coaxial discs of a watch according to the invention, and two variations thereof.

FIG. 1 is diagrammatic plan view of these discs.

FIGS. 2 and 3 show the variants of the invention.

The co-axial discs of the watch shown in FIG. 1 are as follows: 1 indicates the minutes disc, 2 the hours disc, and 3 an optional date disc. The indications on these discs are visible through the windows 1a, 2a, 3a, of a dial, not shown.

Minutes disc 1 has the two zones of different colors; the first zone goes from 0 to 29 minutes and is, for example colored blue; the second zone goes from 30 to 59 minutes and is colored red.

The indications on the hours disc are successively duplicated and of different colors, thus the "1" the 1 0'clock appears in the aperture first in blue, then in red.

The coaxial discs of the watch shown in FIGS. 2 and 3 of the drawing are the following: 1 indicates the seconds disc, 2 indicates the minutes disc, 3 is the hours disc, and 4 is the date disc, the latter being optional. The numbers on these discs are visible through the apertures 1a, 2a, 3a and 4a in the dial.

The seconds disc 1 shows the markers in like colors whilst minutes disc 2 is seen in different colors. The first zone from 0 to 29 minutes is, for example, in blue, the second zone going from 30 to 59 is in red. Minutes disc 2 preferably jumps each minute so that the reading

of the seconds hand is easily correlated to the minute indicated.

The reading of this dial is extremely simple. In the hour dial there always appears two different numbers of different color. In the example shown in the drawing, the visible hour indication "2" is in blue and "1" is in red. To determine to which hour corresponds the minute marked by the index 4 (here the minute "0" blue), this blue color is made to correspond with the figure having this color in the window 2a, thus the hour indicated is exactly 2 0'clock.

An additional disc 4 can be provided in order to indicate the date. This disc, operates differently to the other three and advances one division every 24 hours, as known.

What is claimed is

1. In a watch having at least two coaxial discs carrying indications of the minutes and hours, an improvement comprising first indications from 1 - 12 carried by the hours disc, wherein said first indications are repeated to provide two successive occurrences for each hour indication, said hour indications being colored in two different colors, the first occurrence of each hour indication being of a first color and of a second occurrence being of a second color; second indications from 0 to 59 carried by the minutes disc wherein said second indications are divided into two successive zones of said different colors, the first zone going from 0 to 29 and being of said first color and the second zone from 30 to 59 and being of said second color; and a third coaxial disc mounted on the watch and carrying indications of the seconds.

2. In a watch having at least two coaxial discs carrying indications of the minutes and hours, an improvement comprising first indications from 1 to 12 carried by the hours disc, wherein said first indications are repeated to provide successive occurrences for each hour indication, said hour indications being colored in two different colors, the first occurrence of each hour indication being of a first color and the second occurrence being of a second color; second indications from 0 to 59 carried by the minutes disc, wherein said second indications are divided into two successive zones of said different colors, the first zone going from 0 to 29 and being of said first color and the second zone from 30 to 59 and being of said second color; and a third coaxial disc mounted on the watch and carrying indications of the date.

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