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TIME-PIECE SERVING AS A REMINDER

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FIG. 1

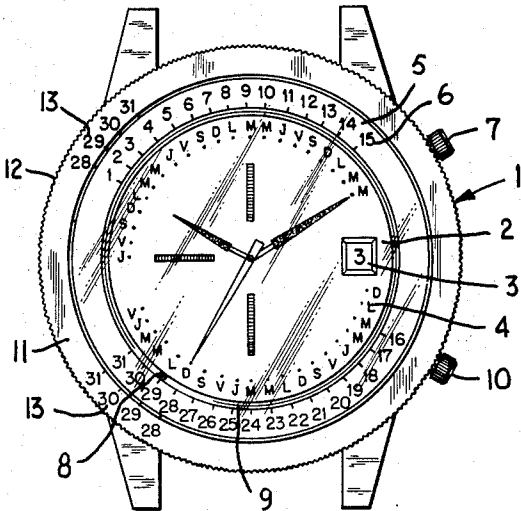
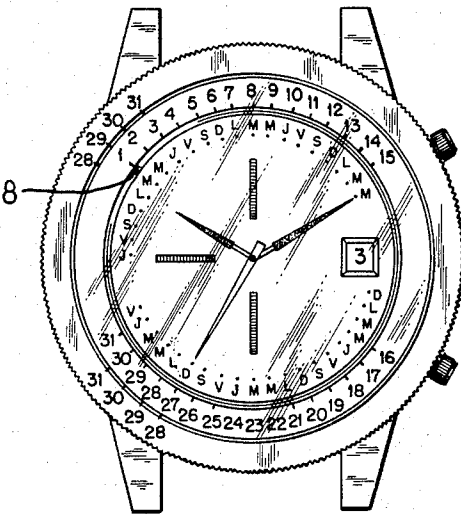


FIG. 2



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## TIME-PIECE SERVING AS A REMINDER

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3 Claims. (Cl. 40—113)

Wrist watches are already known which carry two concentric scales giving out respectively the days of the month, the days of the week and, when one month is elapsed, it is conventional to provide means such as a rotary rim with a view to angularly shifting said scales with reference to each other so as to make the days of the week correspond accurately with the days of the month. Said arrangement does not allow however providing for the correct correspondence between the days of the week and the days of the month during two successive months.

My invention has for its object to provide a time-piece serving as a reminder and carrying concentric scales which are angularly shiftable with reference to each other and showing the days of the week and the days of the month and cooperating with a shiftable reference mark adapted to mark one of said days while allowing correct registration between the days of the week and the days of the month selectively for two successive months. According to my invention, there are provided three scales of which one gives out the days of the week or the days of the month while the second and third scales give out both either the days of the month if the first scale gives out the days of the week, or else, the days of the week if the first scale gives out the days of the month, the arrangement being such that the first scale cooperates with the second scale for one month and with the third scale for the next month.

The accompanying drawing illustrates by way of example a preferred embodiment of my invention. In said drawing:

FIGS. 1 and 2 are plan views of the time-piece and illustrate its operation for two different relative positions of the scales.

As illustrated, 1 designates the wrist watch of which the dial 2 is provided with a gate 3 through which digits showing the days of the month appear to view as controlled by the gearwork of the time-piece in a conventional manner which is completely outside the scope of the present invention, while a stationary annular scale 4 shows the days of the weeks over somewhat more than one month and 5 designates a rotary ring surrounding the dial and carrying a second scale 6 giving out the days of the month, said last-mentioned ring 5 being controlled by hand through the agency of a knob 7. A reference mark 8 carried by an annulus 9 and controlled by a knob 10 allows marking any day for which it is desired to obtain a reminder. 11 designates a rotary rim driven through its knurled periphery 12 and carrying a further scale 13 which is limited to the last days of the month, that is the 28th to 31st days and may be shifted approximately into registry, on the one hand, with the end of the scale of days of the month 6 and, on the other hand, with the beginning of said scale 6; it is shown in both positions in the drawing.

The operation of the arrangement is as follows:

When it is desired to mark one of the last days of a

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month, say Monday, February 29, as illustrated in FIG. 1, the reference mark 8 is shifted into registry with the subdivision corresponding to Monday on the scale 4 and this is brought into registry again with the digits 29 on both scales 6 and 13. Since February has only 29 days, the next day will be Tuesday, March 1. To mark said latter day, the ring 5 is shifted so as to bring the digit 1 in front of the reference Tuesday on the scale 4 or 29 of the scale 13. It is therefore possible to read and to mark days in both months of February and March. For the last days of February, the reading is performed on the scale 13, whereas for March, it is performed on the scale 6; when the end of the month of March is reached, it is possible to restore coincidence between the scale 6 and the scale 13 by shifting the rotary ring 5.

My invention is obviously not limited to the arrangement illustrated and, in particular, the scales, rings and rim may be provided with different control means.

What I claim is:

1. In combination with a time-piece dial, the provision of scales of days of the week carried by the dial and two further concentric scales of dates of the month angularly shiftable round the dial, one scale carrying the digits corresponding to the thirty-one dates of the longest months and the other further scale carrying two successions of digits each constituted by the successive digits corresponding to at least the four last days of the longest months and being adapted to be brought into overlapping relationship respectively with the last digits of the finishing month and with the first digits of the next month shown by said one further scale, the last date of the finishing month in each succession of digits on the said other scale registering in both cases with the day of the week preceding the day of the week registering with the first date of the month on said one scale.

2. In combination with a time-piece dial, the provision of scales of days of the week carried by the dial, two annuli revolvably surrounding the dial and adapted to be angularly shiftable with reference to each other, a scale of dates of the months carried by each annulus, one scale carrying the digit corresponding to the thirty-one dates of the longest months and the other further scale carrying two successions of digits each constituted by the successive digits corresponding to at least the four last days of the longest months and being adapted to be brought into overlapping relationship respectively with the last digits of the finishing month and with the first digits of the next month shown by said one scale, the last date of the finishing month in each succession of digits on the said other scale registering in both cases with the day of the week preceding the day of the week registering with the first date of the month on said one scale, and hand-operated means controlling the angular movement of each annulus.

3. In combination with a time-piece dial, the provision of a scale of days of the week carried by the dial and two further concentric scales of dates of the month angularly shiftable round the dial, one scale carrying the digits corresponding to the thirty-one dates of the longest months and the other further scale carrying two successions of digits each constituted by the successive digits corresponding to at least the four last days of the longest months and being adapted to be brought into overlapping relationship respectively with the last digits of the finishing month and with the first digits of the next month shown by said

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one further scale, the last date of the finishing month in each succession of digits on the said other scale registering in both cases with the day of the week preceding the day of the week registering with the first date of the month on said one scale, and an angularly adjustable annulus concentric with the scales and provided with a reference mark adapted to register as a reminder with any desired date on the one further scale.

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