

- [54] **CLOCK WITH DIGITAL DISPLAY** 3,508,391 3/1970 Lee58/23 R
- [72] **Inventor: Pierre Girard, Bienne, Switzerland** 3,541,799 11/1970 Langley58/23 R
- [73] **Assignee: Manufacture des Montres Rolex S.A., Canton of Bern, Switzerland** 3,466,498 9/1969 De Koster et al.58/50 R
- 3,509,715 5/1970 De Koster et al.58/50 R

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Primary Examiner—Richard B. Wilkinson
Assistant Examiner—Edith C. Simmons Jackson
Attorney—Stevens, Davis, Miller & Mosher

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[58] **Field of Search**58/23, 23 BA, 50, 53; 350/160 R

[56] **References Cited**

UNITED STATES PATENTS

3,505,804 4/1970 Hofstein58/50

[57] **ABSTRACT**

A digital display timepiece having a panel of display elements which change their optical properties when electrically excited, an electronic circuit, the outputs of which are connected to the display elements, and a time base controlling the logic circuit, such that excitation of various sub-assemblies of said display elements controlled by the logic circuit displays the desired time, where the logic circuit and the display panel are so connected as to constitute a monolithic unit having a minimum number of input connections linking the output of the time base to the logic circuit.

5 Claims, 3 Drawing Figures

