



(11) **EP 1 422 975 A8**

(12) **CORRECTED EUROPEAN PATENT APPLICATION**

Note: Bibliography reflects the latest situation

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Remarks:

This application was filed on 16 - 12 - 2003 as a
divisional application to the application mentioned
under INID code 62.

(54) **Light-emitting diode based products**

(57) A lighting device, comprising:

at least two LEDs adapted to produce at least two different spectra;

a memory to store at least one lighting program;

a processor, coupled to the memory, to execute at least one lighting program stored in the memory and to output at least one control signal based on the executed at least

one lighting program;

at least one controller, coupled to the processor, to control power delivered to at least one of the at least two LEDs based on the at least one control signal; and
a user interface to control operation of the processor, the user interface being adapted to allow a user to do at least one of the following: select a desired lighting program

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stored in the memory for execution by the processor; and modify the execution of at least one lighting program.

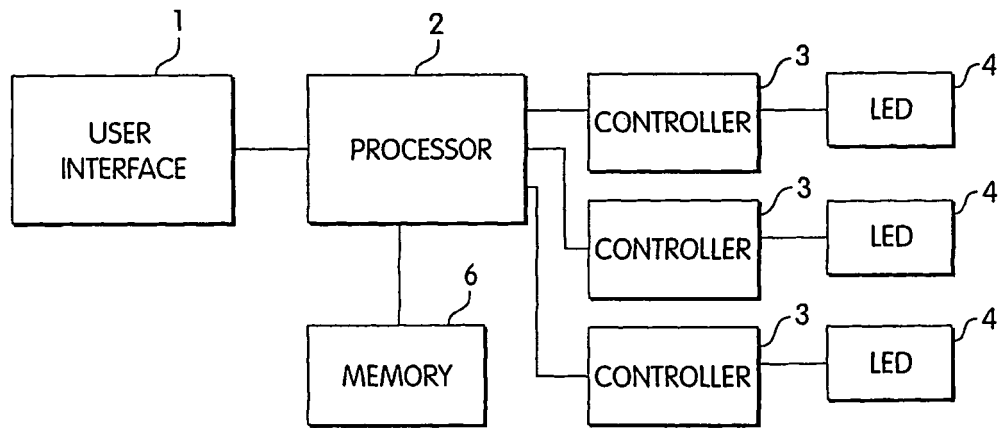


Fig. 1