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Remarks:
This application was filed on 05-08-2008 as a divisional application to the application mentioned under INID code 62.

(54) **A method and apparatus for maximising the sustainable flash of a handheld portable electronic device**

(57) A method and apparatus for maintaining a maximum sustained flash current over the whole length of a flash using a programmable current drive in a handheld portable device powered by a battery. The method involves measuring the battery voltage before and after a flash is initiated and circulating the equivalent series resistance (ESR) of the battery. The calculated ESR is then used to adjust the flash current. The process may be repeated to correct for errors in the flash current.

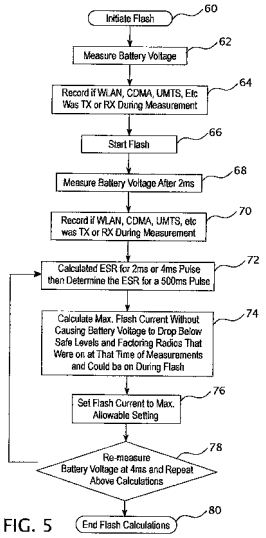

FIG. 5

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