

(12) United States Patent

Kerai et al.

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(54) BATTERY CHARGING

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(FI)

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(65) Prior Publication Data

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(30) Foreign Application Priority Data

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May	26, 2000 (GB)	0012946
(51)	Int. Cl. ⁷	Н02Ј 7/00
(52)	U.S. Cl	
(58)	Field of Search	
		320/110

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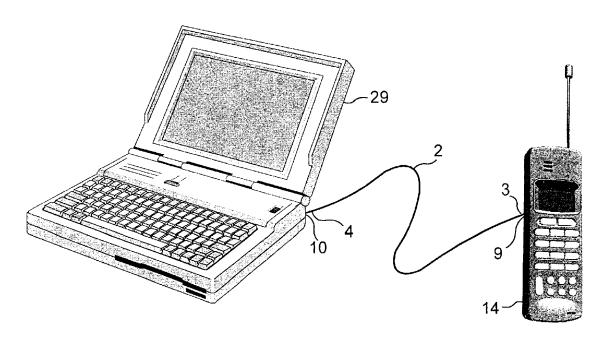
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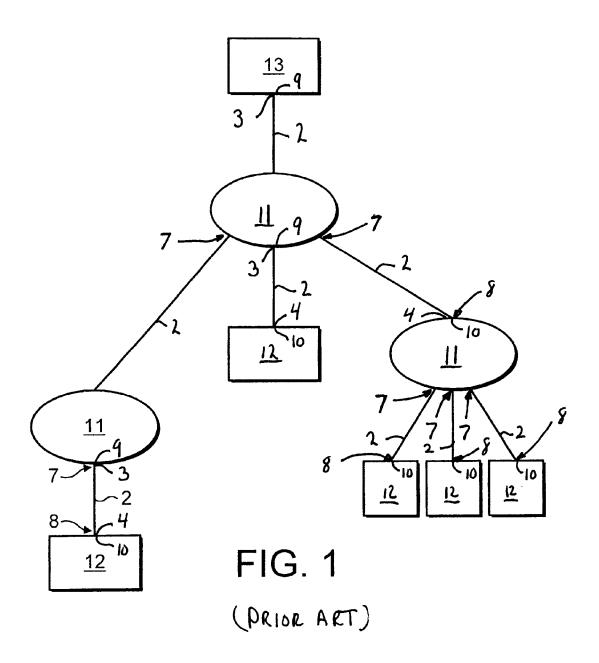
(57) ABSTRACT

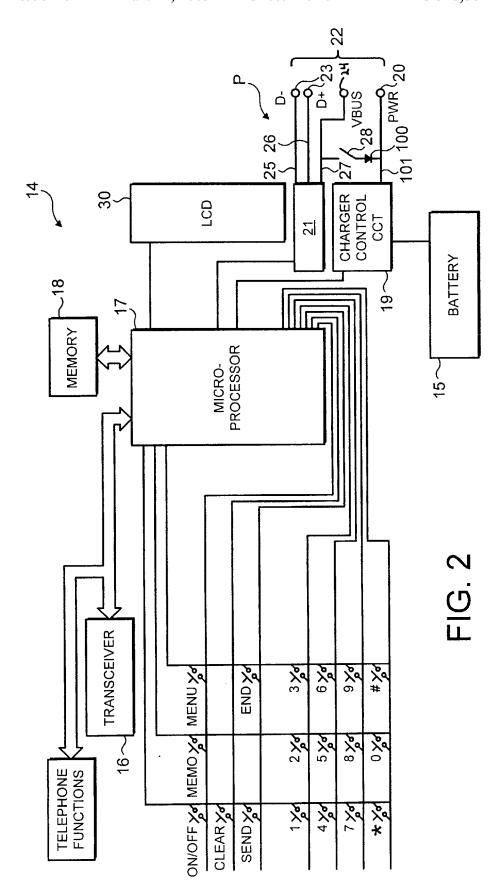
A battery charging circuit is described in which power is derived from a communications port such as a USB interface (22) and is supplied to a rechargeable battery of a communications device. The communications device, which may be a mobile radio telephone, can be charged from the power supply or internal battery of a laptop computer equipped with a USB port and connected thereto with a suitable cable thereby avoiding the need for a user to carry a dedicated battery charger for the radio telephone.

44 Claims, 6 Drawing Sheets

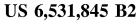


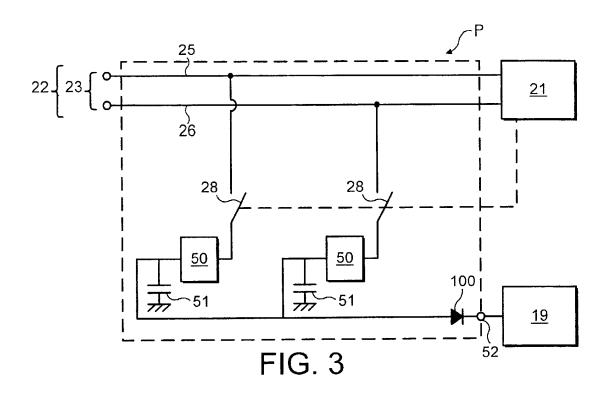


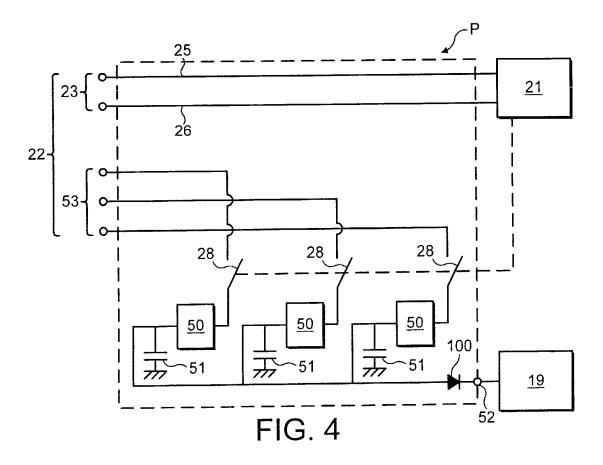




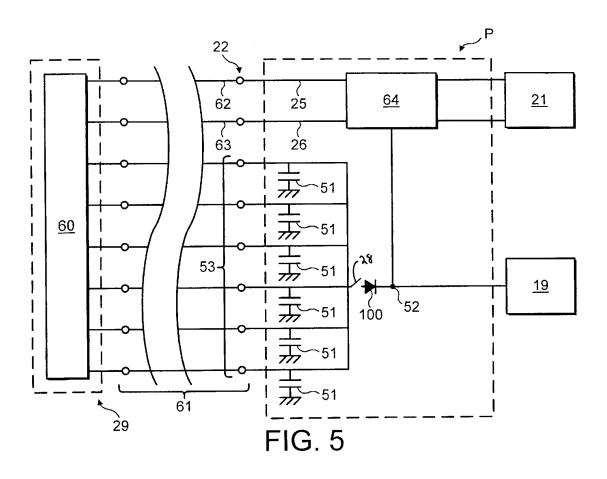
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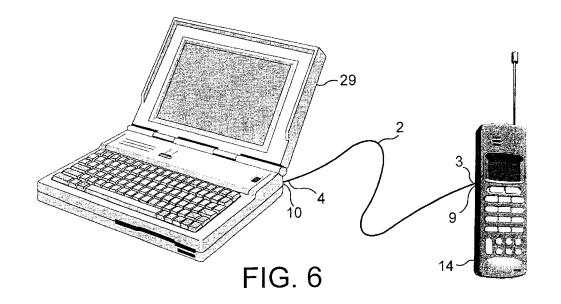














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