(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
30 November 2000 (30.11.2000)

PCT

(10) International Publication Number
WO 00/72424 A1

(51) International Patent Classification[7]: H02J 7/00

(21) International Application Number: PCT/JP00/02884

(22) International Filing Date: 1 May 2000 (01.05.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
11/140747 20 May 1999 (20.05.1999) JP

(71) Applicant: SONY COMPUTER ENTERTAINMENT INC. [JP/JP]; 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP).

(72) Inventors: ITO, Takeshi; Sony Computer Entertainment Inc., 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP). KAWAI, Eiji; Sony Computer Entertainment Inc., 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP).

(74) Agent: CHIBA, Yoshihiro; Shinjuku Maynds Tower, 16th floor, 1-1, Yoyogi 2-chome, Shibuya-ku, Tokyo 151-0053 (JP).

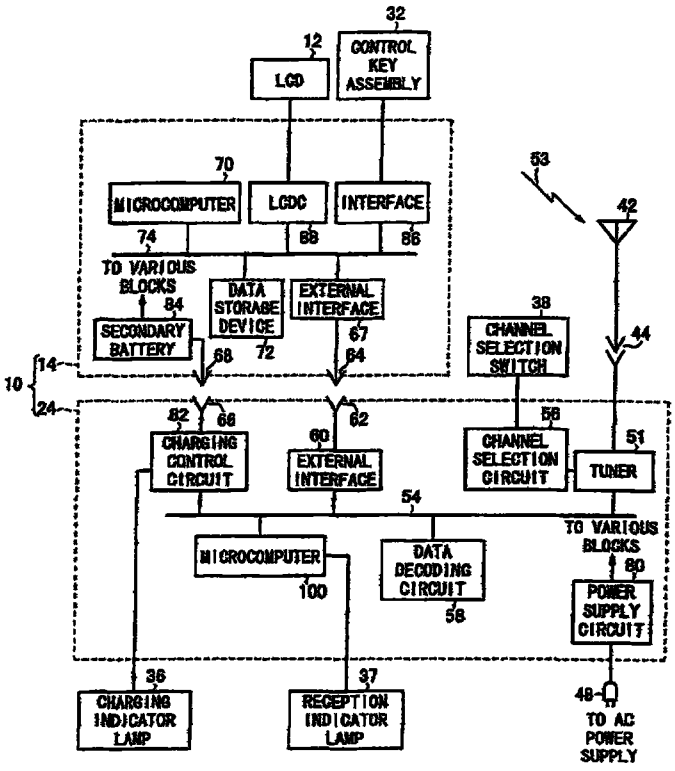
(81) Designated States *(national)*: AU, BR, CA, CN, KR, MX, NZ, RU, SG.

(84) Designated States *(regional)*: European patent (BE, CH, DE, DK, ES, FI, FR, GB, IT, NL, SE).

Published:
— *With international search report.*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: RECEPTION SYSTEM, BATTERY CHARGING DEVICE, PORTABLE INFORMATION TERMINAL, AND TRANSMISSION AND RECEPTION SYSTEM



(57) Abstract: Data can be received by a battery charging device (24) while a portable information terminal (14) powered by a secondary battery (84) is connected to the battery charging device (24) to charge the secondary battery (84). For data reception, the battery charging device has a tuner (51) as a data reception circuit. While the portable information terminal (14) is mounted in the battery charging device (24), the secondary battery (84) is charged by the battery charging device (24), and the tuner (51) receives a television wave (53) containing a data broadcast. Data multiplexed in a video signal outputted from the tuner (51) is decoded by a data decoding circuit (58), and stored into a data storage device (72) of the portable information terminal (14). The data stored in the data storage device (72) can be reproduced on a liquid crystal display unit (12) of the portable information terminal (14) when it is detached from the battery charging device (24).

WO 00/72424 A1