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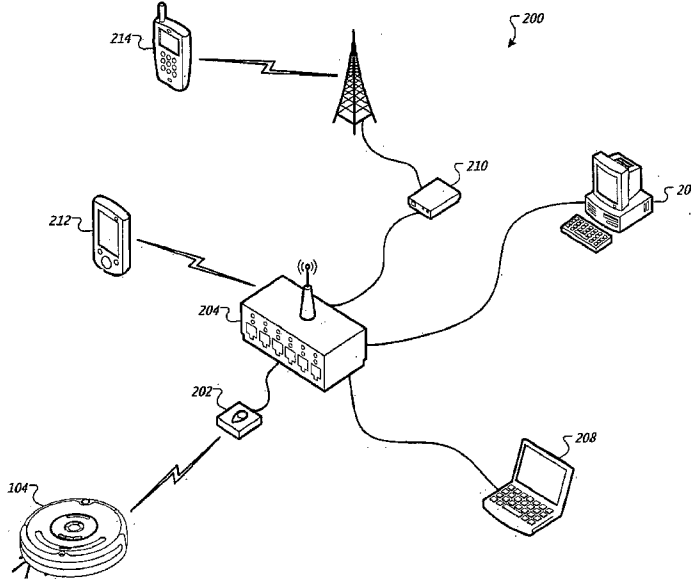
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- (71) Applicant (for all designated States except US): **IROBOT CORPORATION** [US/US]; 63 South Avenue, Burlington, Massachusetts 01803 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **HALLORAN, Michael, J.** [US/US]; 11 Cunningham Circle, Waltham, Massachusetts 02453 (US). **MAMMEN, Jeffrey, W.** [US/US]; 3 Bobolink Road, Westford, Massachusetts 01886 (US). **CAMPBELL, Tony, L.** [US/US]; 54 Harbor Street, Pepperell, Massachusetts 01463 (US). **WALKER, Jason, S.** [US/US]; 253 Governor's Avenue, Medford, Massachusetts 02155 (US). **SANDIN, Paul, E.** [US/US]; 22 Laurel Crest, Brookline, New Hampshire 03033 (US).

- BILLINGTON, John, N. JR.**, [US/US]; 42 Prospect Street, Georgetown, Massachusetts 01833 (US). **OZICK, Daniel, N.** [US/US]; 131 Warren Street, Newton, Massachusetts 02459 (US).
- (74) Agents: **HENNESSEY, Gilbert, H.** et al.; Fish & Richardson P.C., P.O. Box 1022, Minneapolis, Minnesota 55440-1022 (US).
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[Continued on next page]

(54) Title: ROBOT SYSTEM



(57) Abstract: A power-saving robot system (100) includes at least one peripheral device (102) to be placed in an environment with a mobile robot (104). The peripheral device has a controller (1026) with an active mode (938) in which the peripheral device is fully operative, and a hibernation mode (932) in which the peripheral device is at least partly inactive. The mobile robot (104) has a controller (1046) with an activating routine (904) that communicates with the peripheral device (102) via wireless communication components (1024, 1044) and temporarily activates the peripheral device (102) from the hibernation mode (932) when the wireless communication components (1024, 1044) of the peripheral device (102) and the robot (104) come within range of one another.

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<b>B. FIELDS SEARCHED</b>		
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
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<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
<b>Category*</b>	<b>Citation of document, with indication, where appropriate, of the relevant passages</b>	<b>Relevant to claim No.</b>
X	US 2003/028286 A1 (GLENN SUSAN J [US] ET AL) 6 February 2003 (2003-02-06) paragraph [0168]	1-15
Y	paragraph [0177]	17-21
X	EP 1 553 472 A (CIT ALCATEL [FR]) 13 July 2005 (2005-07-13)	16
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<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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