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<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top; padding: 5px;"> (21) International Application Number: PCT/US00/00662 (22) International Filing Date: 11 January 2000 (11.01.00) (30) Priority Data: 09/229,131 12 January 1999 (12.01.99) US (71) Applicant: QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US). (72) Inventors: HUTCHISON, James, A., IV; 2013 Cardinal Drive, San Diego, CA 92123 (US). DEN BESTE, Steven, C.; 3534 Seahom Circle, San Diego, CA 92130 (US). HUANG, Hanchi; Apartment 2612, 7425 Charmant Drive, San Diego, CA 92122 (US). (74) Agents: OGROD, Gregory, D. et al.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121 (US). </td> <td style="width: 50%; vertical-align: top; padding: 5px;"> (81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> </td> </tr> </table>			(21) International Application Number: PCT/US00/00662 (22) International Filing Date: 11 January 2000 (11.01.00) (30) Priority Data: 09/229,131 12 January 1999 (12.01.99) US (71) Applicant: QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US). (72) Inventors: HUTCHISON, James, A., IV; 2013 Cardinal Drive, San Diego, CA 92123 (US). DEN BESTE, Steven, C.; 3534 Seahom Circle, San Diego, CA 92130 (US). HUANG, Hanchi; Apartment 2612, 7425 Charmant Drive, San Diego, CA 92122 (US). (74) Agents: OGROD, Gregory, D. et al.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121 (US).	(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
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(54) Title: SYSTEM AND METHOD FOR THE AUTOMATIC IDENTIFICATION OF ACCESSORIES COUPLED TO A WIRELESS COMMUNICATION DEVICE				
(57) Abstract A wireless communication device (100) having an accessory port (136) and a processor (114) to detect when an external accessory (201) is coupled to the accessory port, and then identify the type of external accessory. A data line (208) connects the external accessory to the wireless communication device, the data line being a portion of a pulse code modulation (PCM) port in the accessory port. The processor senses activity on this data line, including a signal transmitted by the external accessory indicative of when the external accessory is coupled to the wireless communication device. The processor further senses identification data associated with the external accessory, with the identification data including an identification code of the external accessory. The processor generates a clock signal, and the external accessory transmits the identification data to the wireless communication device over the data line in response to the clock signal. In this fashion, the processor repeatedly senses the transmitted identification data. An input line in the accessory port carries a voltage indicative of whether the external accessory supplies external power to the wireless communication device. The identification code transmitted by the external accessory is compared to stored codes corresponding to a plurality of external accessories to identify the external accessory coupled to the wireless communication device.				