

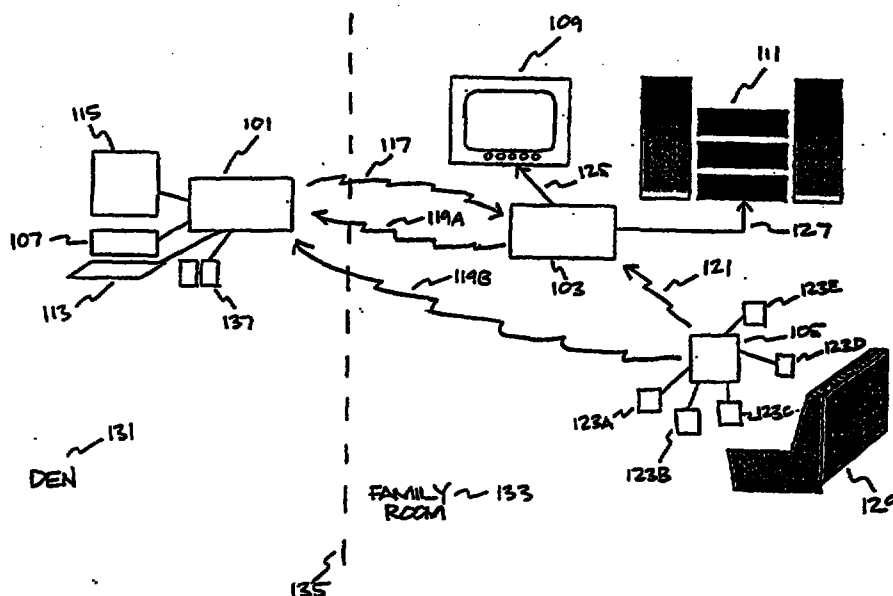
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## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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| <p>(21) International Application Number: <b>PCT/US98/04447</b><br/>(22) International Filing Date: <b>5 March 1998 (05.03.98)</b><br/>(30) Priority Data:<br/>08/813,643 <input checked="" type="checkbox"/> 7 March 1997 (07.03.97) <input checked="" type="checkbox"/> US<br/>(71) Applicant: INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).<br/>(72) Inventor: YIU, Timothy, C.; 18900 Kosich Drive, Saratoga, CA 95070 (US).<br/>(74) Agents: TAYLOR, Edwin, H. et al.; Blakely, Sokoloff, Taylor &amp; Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).</p> |           | <p>(81) Designated States: AL, AM, AT, AT (Utility model), AU (Petty patent), AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (Utility model), SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).</p> <p><b>Published</b><br/>With international search report.<br/>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</p> |

(54) Title: WIRELESS CONNECTIVITY BETWEEN A PERSONAL COMPUTER AND A TELEVISION



## (57) Abstract

A method and an apparatus for remotely interacting with a PC (107). A local PC interface unit (101) is coupled to a PC (107). The interface unit receives audio/visual output signals from the PC (107). Unit (101) converts the audio/visual signals to a format for ordinary TV. Local input devices are also coupled to the PC interface unit (101). The local PC device wirelessly transmits the converted audio/visual output signals to TV interface unit (103) which is coupled to a TV and stereo for playback. A remote input device interface unit (105) located near the TV receives multiple signals from multiple input devices. The interface (105) multiplexes the remote input device signals into a data stream wirelessly transmitted to the PC interface unit.