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(21) International Application Number: PCT/US98/15142 (22) International Filing Date: 24 July 1998 (24.07.98) (30) Priority Data: 60/054,258 30 July 1997 (30.07.97) US (71) Applicant: SONY ELECTRONICS, INC. [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US). (72) Inventors: LUDTKE, Harold, Aaron; 5876 Ettersberg Drive, San Jose, CA 95123 (US). KAWAMURA, Harumi; 2-12-6-101 Okusawa, Setagaya-ku, Tokyo 158 (JP). INOUE, Hiraku; 5-11-16-205, Kitaterao, Tsurumi-ku, Yokohamashi, Kanagawa 230 (JP). (74) Agents: GALLENSON, Mavis, S. et al.; Ladas & Parry, Suite 2100, 5670 Wilshire Boulevard, Los Angeles, CA 90036-5679 (US).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, 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, 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, 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>With amended claims.</i>
(54) Title: A MODEL AND COMMAND SET FOR AN AV/C-BASED DISC MEDIA PLAYER/RECORDER SUBUNIT		
(57) Abstract		
In a home audio visual network including a plurality of devices coupled via an IEEE 1394 bus, a system for accessing a media drive mechanism of a multi-item-type media player. The multi-item-type media player can play any type of disc media item. A media drive mechanism is included within the multi-item-type media player and is configured to play or record the media item stored within the multi-item-type media player. A computer system is built-in to the multi-item-type media player. A software based media player model executes on the computer system, and in turn, causes the computer system to implement a method of accessing the media drive mechanism. In so doing, the computer system interfaces with a plurality of devices coupled to the multi-item media player via an IEEE 1394 communications link of an IEEE 1394 based network and provides a standardized command set for the media drive mechanism. The media player model provides a set of standardized commands that allow the plurality of devices on the network to access the media drive mechanism and thereby access the installed media item and control the functionality of the media drive mechanism.		