FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

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Steven L.	Nichols	Sle Necky	November 13, 20	00
Name	of Person Signing	No とり、32人	Date	

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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned ASSIGNOR:

- 1. SELLS, ASSIGNS, AND TRANSFERS to Sony Corporation, a Japanese corporation with offices at 7-35 Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo, Japan, and Sony Electronics Inc., a Delaware corporation with offices at 1 Sony Drive, Park Ridge, New Jersey, 07656 ("ASSIGNEES"), the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the Application for United States Patent, which has been executed by each undersigned ASSIGNOR and is entitled "Method and System for Electronic Capture of User-Selected Segments of a Broadcast Data Signal", such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent or the legal equivalent thereof which have been or may be filed in the United States and all foreign countries relating to any of such improvements; all original, reexamined and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application made in the United States;
- 2. AUTHORIZES the ASSIGNEES to apply for and receive any and all United States and foreign patents relating to such improvements in its own name;
- 3. AUTHORIZES AND REQUESTS the issuing authority to issue any and all United States and foreign patents granted on such improvements to and in the name of the ASSIGNEES;
- 4. WARRANTS AND COVENANTS that no assignment, grant, mortgage, license or other agreement or encumbrance affecting the rights and property herein conveyed has been or will be made or entered into by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;
- 5. COVENANTS, when requested and at the expense of the ASSIGNEES, to carry out in good faith the intent and purpose of this assignment, to execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications relating to any and all such improvements; to execute all rightful oaths, declarations, assignments, powers of attorney and other papers; to communicate to the ASSIGNEES all facts and provide to the ASSIGNEES all documents and things known and accessible to the undersigned relating to such improvements and the history thereof, and testify as to the same in any interference, litigation or other legal proceeding relating thereto; and generally to do everything possible which the

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ASSIGNEES shall consider desirable for vesting title to such improvements in the ASSIGNEES, and to secure, maintain, defend and enforce valid and enforceable patent protection for such improvements; and

AGREES and ACKNOWLEDGES that the SALE, ASSIGNMENT AND TRANSFER of rights and property set forth herein is and shall be IRREVOCABLE and BINDING upon the heirs, assigns, representatives and successors of each undersigned ASSIGNOR and EXTEND to the successors, assigns and nominees of the ASSIGNEES.

ASSIGNOR:

Robert Allan Unger

STATE OF CALIFORNIA

COUNTY OF Diego

Cohnt allan Uhm

BEFORE ME, the undersigned authority, on this 31st day of October 2000, personally appeared Robert Allan Unger, personally known or proven by satisfactory documentary evidence to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

ADRIANE ELIZABETH GIBERSON Commission # 1176431 Notary Public - California Santa Clara County My Comm. Expires Mar 15, 200

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