03-24-1999



ADEMARK OFFICE

Docket No.: SONY-50M2388.01

100993790

Thereby certify that this transmittal of the below described	cribed document is being deposited with the United States Postal Service in an envelope bearing First
Class Postage and addressed to the U.S. Patent and	Trademark Office, Assignment Branch, North Tower Building, Suite 10C35, Washington, D.C., 20231,
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Deposit:

03/11/99 Making the Deposit:

TONY CHOU

Making the Deposit:

The Assistant Commissioner for Patents

Washington, D.C. 20231

Sir: Please record the attached original document(s) or copy(ies) thereof:

Transmittal of an Assignment

1. Name of conveying David V. James

party(ies):

Filed:

Serial No.:

03/11/99

Group Art Unit:

Examiner:

SONY CORPORATION OF JAPAN, 7-35 Kitashingawa 6-Chome, Name and Address of

Receiving party(ies)

Shinagawa-ku, Tokyo, Japan

SONY ELECTRONICS, INC., 1 Sony Drive, Park Ridge, New Jersey,

07656

3. Nature of Conveyance: Assignment

Execution Date: 03/10/99

New Patent Application entitled:

A DESCRIPTOR MECHANISM FOR ASSURING INDIVISIBLE

EXECUTION OF AV/C OPERATIONS

5. Name and address of party to whom correspondence concerning document should be mailed:

Name:

Glenn D. Barnes

Address

Wagner, Murabito & Hao

Two North Market Street, Third Floor, San Jose, CA 95113

Phone

(408) 938-9060

6. Total Number of applications and patents involved: ONE

7. Fee Calculation (for other than a small entity)

Assignment Recordation Fee, per property

Total Fees (37 CFR 3.41) The amount of \$ 40.00

is enclosed

1 X \$40.00

\$40.00

The pendendy of this application, please charge any additional fees required or credit any overpayments to be osit Account 23-0085. A duplicate copy of this transmittal is enclosed.

40.00 no

9. Statement and signature:

March 11, 1999

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Name Glenn D. Barnes

Reg. No. 42,293

Page 1 of 1

Date:

rev. 10/97 kgr

PATENT REEL: 9831 FRAME: 0351

Attorney Docket No.: SONY-50M2388.01

Assignment To SONY Corporation and SONY Électronics, Inc.

In consideration of good and valuable consideration, receipt of which is hereby acknowledged. I/we David V. James do hereby sell, assign, and transfer unto SONY Corporation and SONY Electronics, Inc. (hereinafter called the Assignees), a Corporation of Delaware and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled: A DESCRIPTOR MECHANISM FOR ASSURING INDIVISIBLE EXECUTION OF AV/C OPERATIONS x filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or Serial No.: filed on and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; And for the above consideration, I/we agree promptly upon request of the Assignees, their successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to the Assignees, their successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by the Assignees. I/we further covenant with the Assignees, its successors, assigns, and legal representatives that no assignment. grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned; In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature: Danto Date: 10 Mar 99

Page 1 of 1 rev. 11/97 epn

PATENT REEL: 9831 FRAME: 0352