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ITED STATES PATENT AND TRADEMARK OFFICE

Docket No.: SONY-50N3505

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. I hereby certify that this transmittal of the below de-	scribed document is being deposited with the United	States Postal Service in an envolone hearing First
Olara Brasilia de la companya della companya della companya de la companya della	some of decament to being deposited with the Officed	States i ustal Service in all elivelope bearing First i
l Class Postage and addressed to the U.S. Patent ar	nd Trademark Office, Assignment Branch, North Towe	r Building Suite 10C35 Washington D.C. 20231
on the below date of deposit	The state of the s	Today, Julie 10000, Tradinington, D.C., 20231,
on the below date of deposit.		

Date of Deposit

02/25/02

Name of Person Making the Deposit:

KATHERINE RINALDI

Signature of the Person Making the Deposit:

The Assistant Commissioner for Patents

Washington, D.C. 20231

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

Re-Submission of Transmittal of Assignment

1. Name of conveying Jun Maruo and Atsushi Kagami

party(ies):

Serial No.: Filed:

09/538,517

03/29/00

Group Art Unit:

Examiner:

2. Name and Address of

Receiving party(ies)

SONY CORPORATION, 7-35 Kitashinagawa 6-Chome, Shinagawa-ku

Tokyo, Japan

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

07656

3. Nature of Conveyance:

Corrective Assignment

Execution Date:

07/10/00, 07/20/00

4. New Patent Application entitled:

A METHOD AND SYSTEM FOR A SECURE HIGH BANDWIDTH

BUS IN A TRANSCEIVER DEVICE

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

Name:

Anthony C. Murabito

Address

Wagner, Murabito & Hao LLP

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

- 8. At any time during the pendency of this application, please charge any additional fees required or credit any overpayments to Deposit Account 23-0085. A duplicate copy of this transmittal is enclosed.
- Charge any fees required or credit any overpayments associated with this filing to Deposit Account No.: 23-0085.
- Statement and signature:

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.

4/01/2002 DBYRNE

bi FC:581 Date:

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09538517

ebruary 25, 2002

Name Anthony C. Murabito

Reg. No. 35,295

Page 1 of 1

rev. 6/97 ipw

PATENT

REEL: 012728 FRAME: 0310

IN THE UNITED



MARK OFFICE

cket No.: SONY-50N3505

Thereby certify that this transmittal of the below described document is being deposted 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, on the below date of deposit.

Name of Person 07/25/00 Making the Deposit:

KATHERINE RINALDI

Signature of the Person Making the Deposit:

The Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

Deposit:

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Transmittal of an Assignment

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Serial No.:

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9. Statement and signature:

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.

08/31/2000 NTHAI1

00000261 09538517

01 FC:581

Date:

July 25, 2000

Name Anthony C. Murabito

Reg. No. 35,295

\$40.00

Attorney Docket No.: SONY-50N3505

Assignment To SONY Corporation and SONY Electronics, Inc.

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we Jun Maruo 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 METHOD AND SYSTEM FOR A SECURE HIGH BANDWIDTH BUS IN A TRANSCEIVER DEVICE _____ 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 X Serial No.: 09/538,517 filed on 03/29/00 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: L. M. Date: July, 10, 2000

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Attorney Docket No.: SONY-50N3505

Assignment To SONY Corporation and SONY Electronics, Inc.

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we Atsushi Kagami 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 METHOD AND SYSTEM FOR A SECURE HIGH BANDWIDTH BUS IN A TRANSCEIVER DEVICE _____ 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 x Serial No.: 09/538,517 filed on 03/29/00 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: × A. Cog — Date: ~ Tuly 20, 2000

Page 1 of 1 rev. 11/97 epn

RECORDED: 03/04/2002

PATENT REEL: 012728 FRAME: 0313