FORM PTO-1595

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U.S. Department of Commerce

1-31-92

OMB No. 0651-011 (exp. 4/94)

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Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademark	ss: Please record the attached original documents or copy thereof.
1. Name of conveying party(les):	2. Name and address of receiving party(ies):
Robert Weixiu Du 05/30/6/ Chinping Q. Yang	Name: Sony Corporation and Sony Electronics Inc., jointly, As to Sony Corporation: Street Address: 6-7-35 Katashinagawa, Shinagawa-Ku City: Tokyo Country: JAPAN
Additional name(s) of conveying party(ies)  attached? Yes X No	As to Sony Electronics Inc.: Street Address: 1 Sony Drive City: Park Ridge State: NJ ZIP 07656-8003
3. Nature of conveyance:  X Assignment Merger  Security Agreement Change of Name  Other  Execution Date: May 24, 2001	Additional name(s) & address(es) attached? YesX_ No
A. Patent Application No.(s)	ion, the execution date of the application is <u>May 24, 2001</u> B. Patent No.(s)  hbers attached? <u>X</u> No
5. Name and address of party to whom correspondence concerning	6. Total number of applications and patents involved:
document should be mailed:	7. Total Fee (37 CFR 3.41)\$ 40.00
Thomas W. Humphrey Wood, Herron & Evans, L.L.P. 2700 Carew Tower	X Enclosed
Cincinnati, Ohio 45202	Authorized to be charged to deposit account
	8. Deposit Account Number: 23-3000 (Attach duplicate copy of this page if paying by deposit account)
) DO N	OT USE THIS SPACE
Thomas W. Humphrey Name of Person Signing Total number of pages comprising Mail documents to be re	mation is true and correct and any attached copy is a true copy of the original May 30, 2001  Date Cover sheet, attachments, and document: 5  Coroded with required cover sheet information to:  Crademarks, Box Assignments, Washington, D.C. 20231

PATENT REEL: 011863 FRAME: 0571

## **ASSIGNMENT**

WHEREAS, I, as a below named inventor, residing at the address stated below my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in **MEMORY SHARING SCHEME IN AUDIO POST-PROCESSING** for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, SONY CORPORATION, a Japanese corporation with offices at 7-35 Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo, Japan, and SONY ELECTRONICS INC., a corporation organized under the laws of the state of Delaware, and having its principal place of business at 1 Sony Drive, Park Ridge, New Jersey 07656 (hereinafter "ASSIGNEES"), desire to acquire all interest in, to and under said invention, said application disclosing the invention, and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEES, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEES, as the assignees of the whole right, title and interest thereto.

And I further agree to execute all necessary or desirable and lawful future documents, including assignments, in favor of ASSIGNEES or its designee, as ASSIGNEES or its successors, assigns and legal representatives may from time to time present to me, without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto.

Page 1 of 3

And I further agree to properly execute and deliver, without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEES thereof shall hereafter require and prepare at its own expense.

And I further agree that ASSIGNEES will, upon their request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries, as may be known and accessible to me, and will testify as to the same in any interference or litigation related thereto.

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

Saic.	
And I hereby authorize and request my nsert the serial number and filing date of this a	attorney(s) of record in this application to application in the spaces that follow:
Serial Number:	Filing Date:
This assignment executed on the date(s	s) indicated below.
Robert Weixiu Du, First Inventor	Execution Date of <b>This Assignment</b>
Residence Address: 90 Plumeria Court, Danville, CA 94506  STATE OF Abolius   S ss COUNTY OF Muta Wala S	Execution Date of U.S. Patent Application
On this day of, Robert Weixiu Du, known to me (or proved to to be the individual whose name is subscribed acknowledged execution of this instrument.	to the foregoing instrument, and
[SEAL] ELENA M. HERNANDEZ Commission # 1232309 Notary Public - California Santa Clara County My Comm. Expires Aug 15, 2003	Notary Public S, Motary Public

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PATENT REEL: 011863 FRAME: 0573

chipus a Yas	5/24/2001
Chinping Q. Yang, Second Inventor	Execution Date of This Assignment
Residence Address: 21845 Easton Place, Cupertino, CA 95014	Execution Date of U.S. Patent
STATE OF abformer § \$ ss:	Application
On this <u>y</u> day of <u>May</u> , 2. Chinping Q. Yang, known to me (or proved to me to be the individual whose name is subscribed to acknowledged execution of this instrument.	
[SEAL]	Notary Public

ELENA M. HERNANDEZ
Commission # 1232309
Notary Public - California
Santa Clara County
My Comm. Expires Aug 15, 2003

**RECORDED: 05/30/2001**