Form PTO-1595 (Rev. 09/ 04) OMB No. 0651-0027 (exp. 6/30/2005)	U.S. DEPARTMENT OF COMMERC
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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.	
Name of conveying party(ies)/Execution Date(s):	Name and address of receiving party(ies)
YOKO KOMORI (10/18/2005) AND TOMOYUKI HANAI (10/20/2005)	
Execution Date(s): in parentheses after inventor name	Name: SONY CORPORATION Internal Address:
Additional name(s) of conveying party(ies) attached? Yes X No	Street Address: 7-35, Kitashinagawa 6-chome Shinagawa-Ku
3. Nature of Conveyance:	
Security Agreement Change of Name	City: Tokyo
Government Interest Assignment	State: JAPAN
Executive Order 9424, Confirmatory License	Country: Zip: 141-0001
Other	Additional name(s) & address(es) Yes X No
11/202,565 Additional numbers attached?	Yes X No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Robert B. Cohen LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, ŁLP Internal Address: Atty. Dkt.: Street Address: 600 South Avenue West	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)
	8. Payment Information
State: NJ zip: 07090	a. Credit Card Last 4 Numbers
Phone Number: (908) 518-6316	Expiration Date
Fax Number: (908) 654-0415 Email Address: (708) 654-0415	b. Deposit Account Number 12-1095
D. Signature;	Authorized User Name Robert B. Cohen
Signature	October 27, 2005 Date
Robert B. Cohen - 32,768	Total number of pages including cover
Name of Person Signing	sheet, attachments, and documents: 3

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PATENT REEL: 016950 FRAME: 0742

S05P1054US00

Docket Number: SONYJP 3.0-456

ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to 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 APPARATUS, METHOD, AND COMPUTER PROGRAM FOR PROCESSING INFORMATION

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 (hereinafter referenced as ASSIGNEE) is desirous of acquiring 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 ASSIGNEE, 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 ASSIGNEE, as the assignee 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 ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and 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;

And I further agree to properly execute and deliver and 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 ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its 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.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: 11/202,565, Filing Date: August 12, 2005.

This assignment executed on the dates indicated below.

Yoko KOMORI	
Name of first or sole inventor	Execution date of U.S. Patent Application
Kanagawa, Japan	
Residence of first or sole inventor	
Yoko Homori Signapure of first or sole inventor	October 18, 2005
Signature of first or sole inventor	Date of this assignment

PATENT REEL: 016950 FRAME: 0743

S05P1054US00

Tomoyuki HANAI	
Name of second inventor	Execution date of U.S. Patent Application
Kanagawa, Japan	
Residence of second inventor	
Jonayuki. Hanai Signature of second inventor	Oct. 20, 2005
Signature of second inventor	Date of this assignment
Name of third inventor	Execution date of U.S. Patent Application
Residence of third inventor	
Signature of third inventor	Date of this assignment
Name of fourth inventor	Execution date of U.S. Patent Application
Residence of fourth inventor	
Signature of fourth inventor	Date of this assignment
N. CGOL	
Name of fifth inventor	Execution date of U.S. Patent Application
Residence of fifth inventor	
Signature of fifth inventor	Date of this assignment

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PATENT RECORDED: 10/27/2005 REEL: 016950 FRAME: 0744