Atty Docket No.: 275907US6 RECORDA U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office FORM PTO-1595 06-04 PAT To the Director of the United States Patent and Trademark Office. Please documents or copy thereof. 1. Name of conveying party(ies): Name and address of receiving party(ies): 1) SONY CORPORATION Yasushi FUJINAMI 2) SONY COMPUTER ENTERTAINMENT, Name: Takenori OHSHIMA INC. Goro HAYAKAWA Address: 1) 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Toshiya HAMADA Tokyo 141-0001, Japan 2) 2-6-21, Minami-Aoyama, Minato-ku, Tokyo, Additional name(s) of conveying party(ies) attached?

Yes No 3. Nature of Conveyance: Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Execution Date: August 25, September 2, 2, August 26, Additional name(s) and address(es) attached?

Yes No 2005 4. Application number(s) or patent number(s): ☐ This document is being filed together with a new application B. Patent No.(s) A. Patent Application No.(s) 11/148,795 Additional numbers attached?

Yes No 5. Name and address of party to whom correspondence 6. Total applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Customer Number Enclosed 22850 ☐ Authorized to be charged to deposit account Tel. (703) 413-3000 8. Deposit account number: 15-0030 Fax. (703) 413-2220 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 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.

Bradley D. Lytle

Name of Person Signing

Joseph Scafetta, Jr.

SEP 0 7 2005

Date

Registration Number: 40,073

Registration No. 26,803

Total number of pages including this cover sheet: 3

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> **PATENT** REEL: 016960 FRAME: 0735

Docket Number: 275907US6

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 are listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in

DATA PROCESSING APPARATUS, DATA PROCESSING METHOD, PROGRAM, PROGRAM RECORDING MEDIUM, DATA RECORDING MEDIUM, AND DATA STRUCTURE

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 WHERBAS, Sony Corporation, a Japanese corporation with offices at 7-35, Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo, Japan and Sony Computer Entertainment, Inc., a Japanese corporation with offices at 2-6-21, Minami-Aoyama, Minato-Ku, Tokyo, Japan (hereinafter referenced as ASSIGNEES) are 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 ASSIGNEES, their 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 according 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 their designee, as ASSIGNEES or their 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 remaneration, 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 their 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.

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: 11/148,795 Filing Date: June 9, 2005

This assignment executed on the dates indicated below.

Yasushi FUJINAMI	•
Name of first or sole inventor	Execution date of U.S. Patent Application
Tokyo, Japan	
Residence of first or sole inventor	
Yasushi Fry Ham	August 25. 2005
Signature of first or sole inventor	Date of this assignment

REEL: 016960 FRAME: 0736

Takenori OHSHIMA	
Name of second inventor	Execution date of U.S. Patent Application
Tokyo, Japan	
Residence of second inventor	•
Takenon Oshima	Soften by 2 2005 Date of this assignment
Signature of second inventor	Date of this assignment
Goro HAYAKAWA	
Name of third inventor	Execution date of U.S. Patent Application
Saitama, Japan	
Residence of third inventor	•
Loro Hayahawa Signature of third inventor	Laplember Z, 2005 Date of this assignment
Signature of third inventor	Date of this assignment
Toshiya HAMADA	
Name of fourth inventor	Execution date of U.S. Patent Application
Saitama, Japan	
Residence of fourth inventor	
Signature of fourth inventor	August 26, 2005 Date of this assignment
Signature of fourth inventor	Date of this assignment

RECORDED: 09/07/2005

PATENT REEL: 016960 FRAME: 0737