Atty Docket No.: 9203423058 09-14-2006	SEP 1 1 2006 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
To the Director of the United States	ed the attacked original documents or copy thereof.
I. Name of conveying party(ies): Yuka EURA, Ryo MUKAIYAMA, Takanori NISHIMURA Tamaki KOJIMA, Noriaki NAKAGAWA, Yoshiyuki KOBAYASHI Additional name(s) of conveying party(ies) attached? Yes No	Name and address of receiving party(ies): Name: SONY CORPORATION Address: 6-7-35 Kitashinagawa, Shinagawa-Ku, Tokyo, 141-0001 Japan
3. Nature of Conveyance: ■ Assignment □ Merger □ Security Agreement □ Change of Name □ Other	
Execution Date: August 18, 18, 30, 18, 18, 18, 2006	Additional name(s) and address(es) attached? Yes No
 4. Application number(s) or patent number(s): This document is being filed together with a new application A. Patent Application No.(s) 11/482,000 Additional numbers attached 	B. Patent No.(s)
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents involved: 1
Customer Number 22850 Tel. (703) 413-3000 Fax. (703) 413-2220	7. Total fee (37 CFR 3.41): \$40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)
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9. Statement and signature To the best of my knowledge and belief, the foregoing information copy of the original document. Bradley D. Lytle Name of Person Signing Registration Number: 40,073 Joseph Science Registration Total number of pages including	SEP 1 1 2006 Date afetta, Jr.

Director of the United States Patent and Trademark Office Mail Stop Assignment Recordation Services Alexandria, Virginia. 22313

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Mail documents to be recorded with required cover sheet information to:

01 FC:8021

PATENT REEL: 018289 FRAME: 0262

Docket Number: 293423US8

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

INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING METHOD, AND

PROGRAM

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 6-7-35 Kitashinagawa, Shinagawa-Ku, Tokyo, 141-0001 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: 11/482.000 Filing Date: July 7, 2006

This assignment executed on the dates indicated below.

Yuka EURA Execution date of U.S. Patent Application Name of first or sole inventor Tokyo, Japan Residence of first or sole inventor) (August - 10. 2006.

Date of this assignment

Ryo MUKAIYAMA	
Name of second inventor	Execution date of U.S. Patent Application
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Residence of second inventor	V
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Signature of second inventor	Date of this assignment
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Name of third inventor	Execution date of U.S. Patent Application
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Kanagawa, Japan	
Residence of third inventor	<i>V</i>
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西村本 (Jakanori Nishimuro	Date of this assignment
Signature of third inventor	Date of this assignment
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Tamaki KOJIMA Name of fourth inventor	Execution date of U.S. Patent Application
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Noriaki NAKAGAWA Name of fifth inventor	Execution date of U.S. Patent Application
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Residence of fifth inventor	1
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Signature of fifth inventor	Date of this assignment
DiBustan A street my Award.	
Yoshiyuki KOBAYASHI	
Name of sixth inventor	Brecution date of U.S. Patent Application
Kanagawa, Japan	ノハオオオネサイン
Residence of sixth inventor	/
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#1: - (Godnyma Coboyosh	(4) (August, 12, 2006)
Si and a fairth inventor	Date of this assignment

PATENT REEL: 018289 FRAME: 0264

RECORDED: 09/11/2006