PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kazuhisa HOSAKA	10/30/2007
Takahiro FUKUHARA	10/30/2007

RECEIVING PARTY DATA

Name:	SONY CORPORATION
Street Address:	1-7-1 Konan, Minato-Ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	108-0075

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11937173

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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318140US8 ATTORNEY DOCKET NUMBER:

NAME OF SUBMITTER: Elizabeth Jerman

Total Attachments: 2

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> **PATENT REEL: 020086 FRAME: 0908**

Docket Number:

ASSIGNMENT
WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor 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 AND METHOD
for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my na and address;
AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 1-7-1 Konan, Minato-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 grantherefor 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 sufficience of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, be hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title as interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Lett Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all prior 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 Amer adheres, and to any other benefits accruing or to accrue to me with respect to the filling of applications for patents or securing patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue to 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 ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to 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 law papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require a prepare at its own expense;
And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and docume relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known a 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 wh 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 this application in the spaces that follow: Serial Number:, Filing Date:
This assignment executed on the dates indicated below.
Kazuhisa HOSAKA
Name of first or sole inventor Execution date of U.S. Patent Application
Tokyo, Japan
Residence of first or sole inventor
Kazuhisa Hosaka (Cct. 30, 2007)
Signature of first or cole inventor

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Takahiro FUKUHARA	
Name of second inventor	Execution date of U.S. Patent Application
Kanagawa, Japan	
Residence of second inventor Jakahiw Jahhan	October 30, 2007 Date of this assignment
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
Name of fifth inventor	Execution date of U.S. Patent Application
Residence of fifth inventor	
Signature of fifth inventor	Date of this assignment

PATENT REEL: 020086 FRAME: 0910