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 Docket No: 112857-614

To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.
<ol> <li>Name of conveying party(ies):         <ul> <li>(1) Mari Saito</li> <li>(2) Noriyuki Yamamoto</li> <li>(3) Kei Tateno</li> <li>(4) Mitsuhiro Miyazaki</li> </ul> </li> <li>Additional name(s) of conveying party(ies) attached?</li></ol>	2. Name and address of receiving party(ies): Name: <u>Sony Corporation</u> Internal Address:
<ul> <li>3. Nature of conveyance:</li> <li>x Assignment _ Merger</li> <li>_ Security Agreement _ Change of Name</li> <li>_ Öther</li> <li>_ Execution Date(s): (1) 05-25-05; (2)(3)(4) 05-26-05</li> </ul>	Street Address: 7-35, Kitashinagawa 6-chome         Shinagawa-ku         City: Tokyo       State: Zip:         Country: Japan         Additional name(s) & address(es) attached?       Yes x No
<ol> <li>Application number(s) or patent number(s):</li> <li>If this document is being filed together with a new application</li> </ol>	tion, the execution date of the application is:
A. Patent Application No.(s) 11/100,993 Additional numbers at	B. Patent No.(s)
5. Name and address of party to whom correspondence concerning document should be mailed: Thomas C. Basso Bell, Boyd & Lloyd LLC P.O. Box 1135 Chicago, Illinois 60690-1135 Fax: 312.827.8185	<ul> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41)\$ 40,00</li></ul>
DO NOT USE	THIS SPACE
9. Statement and signature.	information is true and correct and any attached copy is a

Commissioner for Patents, Mail Stop Assignments, P.O. Box 1450, Alexandria, VA 22313-1450

PATENT REEL: 016305 FRAME: 0816

Docket Number: 112857-614

S05P0427US00

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) of certain new and useful improvements in <u>INFORMATION-PROCESSING APPARATUS</u>, <u>INFORMATION-PROCESSING METHODS</u> AND FROGRAMS

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 tights 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: <u>11/100,993</u>, Filing Date: <u>April 7, 2005</u>

This assignment executed on the dates indicated below.

Mari SAITO

Name of first or sole inventor	,	Execution date of U.S. Patent Application
Kanagawa, Japan		· · ·
Residence of first or sole inventor		· · · · · · · · · · · · · · · · · · ·
Mary Saito	••• <u> </u>	- May 25, 2005

Signature of first or sole inventor

Date of this assignment



BELL BOYD & LLOYD Fax:312	Jun 6 2005 14:04 P.03
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Noriyuki YAMAMOTO	and the second strategy and the state of the second strategy and the second strategy and the second strategy and
Name of second inventor	Execution date of U.S. Patent Application
Kanagawa, Japan	
Residence of second inventor	
horiynki Gamamoto Signature of second inventor	May 26, 2005 Date of this assignme
Signature of second inventor	Date of this assignme
	· · · ·
Kei TATENO	
Name of third inventor	Execution date of U.S. Patent Applicat
Kanagawa, Japan	
Residence of third inventor	
1 Het Tatem	May 26, 2005
Signature of third inventor	Date of this assignme
	· · · · · · · · · · · · · · · · · · ·
Mitsuhiro MIYAZAKI	
Name of fourth inventor	Execution date of U.S. Patent Application
Kanagawa, Japan	
Residence of fourth inventor	
Miterihiro Miyazaki	May 26, 2005
Signature of fourth inventor	Date of this assignme
Name of fifth inventor	Execution date of U.S. Patent Applicat
Residence of fifth inventor	
Signature of fifth inventor	Date of this assignment

RECORDED: 06/06/2005