Form PTO-1595 (Rev. 09/ 04) <u>OMB No</u> . 0651-0027 (exp. 6/30/2005)	U.S. DEPARTMENT OF COMMERCI United States Patent and Trademark Offic	
RECORDATION FOR	RM COVER SHEET	
PATENTS	S ONLY	
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(les)/Execution Date(s):	2. Name and address of receiving party(ies)	
JUN KANEKO (2/19/2002), NAOKI NAGANO (3/27/2002), SATORU KAMOTO (2/20/2002), KATSUSHI FUJII (3/31/2002), MAYUMI SHINODA (2/25/2002), ATSUSHI FUSE (2/26/2002), MICHINARI KOHNO (2/27/2002) Execution Date(s): in parentheses after inventor name	Name: SONY CORPORATION Internal Address: Street Address:	
Additional name(s) of conveying party(ios) attached? X Yes No	7-35, Kitashinagawa 6-chome	
3. Nature of Conveyance: Assignment Merger Security Agreement Change of Name	Shinagawa-ku, Tokyo 141-0001 JAPAN City:	
Government Interest Assignment	State:	
Executive Order 9424, Confirmatory License	Country: Zip:	
Correction to Reel 017753 Frame 0901. X Other Assignee's address was incorrect on recordation filed on June 1, 2006.	Additional name(s) & address(es) Yes X No	
Application or patent number(s): A. Patent Application No.(s) 11/252,170	This document is being filed together with a new application. B. Patent No.(s)	
Additional numbers attached?	Yes X No	
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, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$	
Internal Address: Atty. Dkt.: SONYJP 3.0-855 CONT I	Authorized to be charged by credit card	
Street Address: 600 South Avenue West	Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)	
City: Westfield	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: rcohen@ldlkm.com	b. Deposit Account Number 12-1095 Authorized User Name Robert B. Cohen	
	AUDITO CONGI	
9. Signature:	September 5, 2006	
Robert B. Cohen - 32,768 Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:	
80898_1.DOC		

PATENT REEL: 018232 FRAME: 0717

→ USPTO ASSIGNMENT 2003 Page 1 of 2

PATENT ASSIGNMENT RECORDATION COVER SHEET

Electronic Version: v08 Stylesheet Version: 3.0.0

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT OF ASSIGNOR'S INTEREST

CONVEYING PARTY DATA

Name	Execution Date
Jun Kaneko	02/19/2002
Naoki Nagano	03/27/2002
Satoru Kamoto	02/20/2002
Katsushi Fujii	03/31/2002
Mayumi Shinoda	02/25/2002
Atsushi Fuse	02/26/2002
Michinari Kohno	02/27/2002

RECEIVING PARTY DATA

Name:	Sony Corporation
Street Address:	7-35, Kitashingawa 6-chome
Internal Address:	Shinagawa-Ku
City:	Tokyo
State:	
Country:	JP
Postal Code:	141-0001

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11252170

CORRESPONDENCE DATA

Fax Number: (908) 654-0415

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

CUSTOMER NUMBER: 000530

When the customer number has been provided, the Office of Public Records will

Patent Assignment

Page 2 of 2

obtain the correspondence data from the official record on file at the USPTO. Phone: (908) 518-6316	
NAME OF PERSON SIGNING:	Robert B. Cohen
eSIGNATURE:	/rbc/
DATE SIGNED:	06/01/2006
Total Attachments: 3 source=SONYJP948-usassn-A000001.tif source=SONYJP948-usassn-A000002.tif source=SONYJP948-usassn-A000003.tif	·



S01P1867US00 Docket Number 7217/66058

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 <u>DATA</u>

<u>PROVIDING SYSTEM, DATA PROVIDING APPARATUS AND METHOD, DATA ACQUISITION SYSTEM AND METHOD, AND PROGRAM STORAGE MEDIUM</u> 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 at6-7-35 Kitashinagawa, Shinagawa-Ku, Tokyo, Japan (hereinafter referenced as ASSIGNEE) 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 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 thereof;

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 any reissue or reissues thereof shall hereafter require and prepare at its own 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 thereof;

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

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 10/017,369 _____, Filing Date 12/14/01

PATENT REEL: 018232 FRAME: 0720

S01P1867US00

This assignment executed on the dates	indicated below.
Jun Kaneko Name of first or sole inventor	Execution date of U.S. Patent Application
Kanagawa, Japan Residence of first or sole inventor	
Residence of first or sole inventor	
Jun Kaneko	Feb. 19 2002 Date of this assignment
Signature of first or sole inventor	Date of this assignment
Naoki Nagano	Execution date of U.S. Patent Application
Name of second inventor	Execution date of U.S. Patent Approximation
Tokyo, Japan	
Residence of second inventor	//- / <u>22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2</u>
Marka Nagano	<u>Manh 27, 2002</u> Date of this assignment
Signature of second inventor	Date of this abangument
<u>Satoru Kamoto</u> Name of third inventor	Execution date of U.S. Patent Application
Kanagawa, Japan	
Residence of third inventor	Feb. 20, 2002
Satoru Kamoto	Date of this assignment
Signature of third inventor	Date of this assignment
<u>Katsushi Fujii</u> Name of fourth inventor	Execution date of U.S. Patent Application
Chiba, Japan	
Residence of fourth inventor	March. 31. 2002
Kutashi FU127	Date of this assignment
Signature of fourth inventor	•••
Mayumi Shinoda	
Name of fifth inventor	Execution date of U.S. Patent Application
Kanagawa, Japan	
Residence of fifth inventor	Feb. 25, 2002.
Mayumi Shino da	Date of this assignment

PATENT REEL: 018232 FRAME: 0721

RECORDED: 09/05/2006

<u> Atsushi Fuse</u>	5 - 4 a D hart 3-lightion
Name of sixth inventor	Execution date of U.S. Patent Application
Tokyo, Japan	
Residence of sixth inventor	
Atsushi Fuse	Feb 26, 2002
Signature of sixth inventor	Date of this assignment
Michinari Kohno	S. W. G. Dittort Application
Name of seventh inventor	Execution date of U.S. Patent Application
Kanagawa, Japan	<u> </u>
Residence of seventh inventor	
(midward Tohno	Freb. 27, 2002-
Cignature of seventh inventor	Date of this assignment

LDLKM

PATENT

REEL: 018232 FRAME: 0722