Form PTO-1595 (Rev. 09/ 04) <u>OMB</u> No. 0651-0027 (exp. 6/30/2005)	U.S. DEPARTMENT OF COMMERC	
RECORDATION FO	Lipited Stotes Beleeville 1	
PATENTS ONLY		
	e record the attached documents or the new address(es) below.	
Name of conveying party(ies)/Execution Date(s):		
YASUNORI MATSUI (05/09/2005), KATSUTOSHI SAKAO (05/09/2005), AND HIROKATSU KIMATA (07/06/2005)	2. Name and address of receiving party(ies)	
	Name: SONY CORPORATION	
	Internal Address:	
Execution Date(s): in parentheses after inventor name	Street Address:	
Additional name(s) of conveying party(ies) attached? Yes X No	7-35, Kitashinagawa 6-chome	
3. Nature of Conveyance: X Assignment Merger	Shinagawa-Ku, Tokyo 141-0001 JAPAN	
Security Agreement Change of Name		
Government Interest Assignment	City:	
Executive Order 9424, Confirmatory License	State:	
Other	Country: Zip:	
	Additional name(s) & address(es) Yes X No	
Additional numbers attached?	Yes X No	
5. 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		
Internal Address: Atty. Dkt.: SONYJP 3.3-337	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
Street Address: 600 South Avenue West	Authorized to be charged by credit card	
	X Authorized to be charged to deposit account	
	Enclosed	
	None required (government interest not affecting title)	
City: Westfield		
State: NJ Zip: 07090	8. Payment Information	
Phone Number: (908) 518-6316	a. Credit Card Last 4 Numbers Expiration Date	
Fax Number: (908) 654-7866	b. Deposit Account Number 12-1095	
Email Address:cohen@ldlkm.com	Authorized User Name Robert B. Cohen	
Signature:		
Signature		
Robert B. Cohen - 32,768	Total number of pages including cover	
Name of Person Signing	sheet, attachments, and documents:	

PATENT REEL: 016848 FRAME: 0314

Docket Number: SONYJP 3 3-337 Sony Reference No.: S03P1174US00

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:

WIRELESS COMMUNICATION TERMINAL AND WIRELESS COMMUNICATION METHOD

for which an International Application was filed on September 11, 2003, PCT/JP2003/011659, designating the United States;

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 7-35, Kitashinagawa 6-chome, 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, United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for 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 at and filing date of this application in the spaces that follow: A	torney(s) of record in this application to insert the application number Application Number:, Filing Date:	
This assignment executed on the dates indicated below.		
Yasunori MATSUI		
Name of First or Sole Inventor	Execution Date of U.S. Patent Application	
Kanagawa, Japan		
Residence of First or Sole Inventor		
Masunon' Watner	May 9, 2005	
Signature of First or Sole Inventor	Date of this Assignment	

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PATENT REEL: 016848 FRAME: 0315

Docket Number: SONYJP 3 3-337 Sony Reference No.: S03P1174US00

Katsutoshi SAKAO	
Name of Second Joint Inventor	Execution Date of U.S. Patent Application
Kanagawa, Japan	
Residence of Second Joint Inventor	
Zatomioshi lakan	May 09 2005 Date of this Assignment
Signature of Second Joint Inventor	Date of this Assignment
Hirokatsu KIMATA	
Name of Third Joint Inventor	Execution Date of U.S. Patent Application
Tokyo, Japan	
Residence of Third Joint Inventor	
Hizokater Kinata	July 06, 2005
Signature of Third Joint Inventor	Date of this Assignment

PATENT REEL: 016848 FRAME: 0316