2011 w)	
2011	
Ford /PTO-1595 (Rev 01-09) QMD No 0651-0027 (exp 02/28/2009) 03/16	US DEPARTMENT OF CC United States Patent and Trader
Ford PTO-1595 (Rev 01-09) O3/16	
To the Director of the U.S. Patent and 10362	20042
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)
Mitsuo Okumura (02/15/2011) Tomohiro Ishii	
(02/16/2011), Makoto Nijma (02/16/2011), Taku	Name Sony Corporation
Sugawara (02/20/2011) and Additional name(s) of conveying party(ies) attached? X Yes No	Internal Address
	Street Address
3. Nature of conveyance/Execution Date(s):	
Execution Date(s) in parentheses after inventor name	
X Assignment Merger Change of Name	
Security Agreement Joint Research Agreement	
Government Interest Assignment	City Tokyo
	State
Executive Order 9424, Confirmatory License	Country JAPAN Zip 108-0
Other	Additional name(s) & address(es)
Additional numbers attached	d? Yes XNo
5. Name and address to whom correspondence	
concerning document should be mailed:	6. Total number of applications and patents involved:
concerning document should be mailed:	patents involved:
concerning document should be mailed: Name RADER, FISHMAN & GRAUER PLLC	
concerning document should be mailed: Name RADER, FISHMAN & GRAUER PLLC Internal Address Atty Dkt Street Address 1233 20th Street, N W.	patents involved: 7. Total fee (37 CFR 1 21(h) & 3 41) \$ 40.00
concerning document should be mailed: Name RADER, FISHMAN & GRAUER PLLC Internal Address Atty Dkt SDE-2625	patents involved: I 7. Total fee (37 CFR 1 21(h) & 3 41) \$ 40.00 X Authorized to be charged to deposit account
concerning document should be mailed: Name RADER, FISHMAN & GRAUER PLLC Internal Address Atty Dkt Street Address 1233 20th Street, N W.	patents involved: 7. Total fee (37 CFR 1 21(h) & 3 41) \$ 40.00
concerning document should be mailed: Name RADER, FISHMAN & GRAUER PLLC Internal Address Atty Dkt Street Address 1233 20th Street, N W.	patents involved: I 7. Total fee (37 CFR 1 21(h) & 3 41) \$ 40.00 X Authorized to be charged to deposit account
concerning document should be mailed:NameRADER, FISHMAN & GRAUER PLLCInternal AddressAtty DktStreet Address123320thStreet, N W.Suite501	patents involved: I 7. Total fee (37 CFR 1 21(h) & 3 41) \$40.00 X Authorized to be charged to deposit account Enclosed None required (government interest not affecting the section of
concerning document should be mailed: Name RADER, FISHMAN & GRAUER PLLC Internal Address Atty Dkt SDE-2625 Street Address 1233 20th Street, N W. Suite 501	patents involved: I 7. Total fee (37 CFR 1 21(h) & 3 41) \$ 40.00 X Authorized to be charged to deposit account Enclosed
concerning document should be mailed: Name RADER, FISHMAN & GRAUER PLLC Internal Address Atty Dkt SDE-2625 Street Address 1233 20th Street, N W. Suite 501 City Washington State DC Zip 20036	patents involved: I 7. Total fee (37 CFR 1 21(h) & 3 41) \$40.00 X Authorized to be charged to deposit account Enclosed None required (government interest not affecting the section of
concerning document should be mailed: Name RADER, FISHMAN & GRAUER PLLC Internal Address Atty Dkt SDE-2625 Street Address 1233 20th Street, N W. Suite 501 City Washington State DC Zip 20036	patents involved: Image: Constraint of the state o
concerning document should be mailed: Name RADER, FISHMAN & GRAUER PLLC Internal Address Atty Dkt SDE-2625 Street Address 1233 20th Street, N W. Suite 501 City Washington State DC Zip 20036 Phone Number (202) 955-3750	patents involved: I 7. Total fee (37 CFR 1 21(h) & 3 41) 40.00 X Authorized to be charged to deposit account Enclosed None required (government interest not affecting 8. Payment Information Deposit Account Number 18-0013
concerning document should be mailed: Name RADER, FISHMAN & GRAUER PLLC Internal Address Atty Dkt SDE-2625 Street Address 1233 20th Street, N W. Suite 501 City Washington State DC Zip Phone Number (202) 955-3750 Fax Number (202) 955-3751	patents involved: I 7. Total fee (37 CFR 1 21(h) & 3 41) 40.00 X Authorized to be charged to deposit account Enclosed None required (government interest not affecting 8. Payment Information Deposit Account Number 18-0013
concerning document should be mailed: Name RADER, FISHMAN & GRAUER PLLC Internal Address Atty Dkt SDE-2625 Street Address 1233 20th Street, N W. Suite 501 Suite 501 City Washington State DC Zip 20036 Phone Number (202) 955-3750 Fax Number (202) 955-3751 Email Address	patents involved: I 7. Total fee (37 CFR 1 21(h) & 3 41) \$40.00 X Authorized to be charged to deposit account Enclosed None required (government interest not affecting 8. Payment Information 18-0013 Deposit Account Number 18-0013 Authorized User Name Sterling D Fillmore
concerning document should be mailed: Name RADER, FISHMAN & GRAUER PLLC Internal Address Atty Dkt SDE-2625 Street Address 1233 20th Street, N W. Suite 501 Suite 501 City Washington State DC Zip 20036 Phone Number (202) 955-3750 Fax Number (202) 955-3751 Email Address	patents involved: Image: Constraint of the state o
concerning document should be mailed: Name RADER, FISHMAN & GRAUER PLLC Internal Address Atty Dkt SDE-2625 Street Address 1233 20th Street, N W. Suite 501 Suite 501 City Washington State DC Zip 20036 Phone Number (202) 955-3750 Fax Number (202) 955-3751 Email Address	patents involved: I 7. Total fee (37 CFR 1 21(h) & 3 41) \$40.00 X Authorized to be charged to deposit account Enclosed None required (government interest not affecting 8. Payment Information 18-0013 Deposit Account Number 18-0013 Authorized User Name Sterling D Fillmore

PATENT REEL: 025963 FRAME: 0575

		NFORM COVER SHEET (PTO-159 supplemental sheet)	95)
Additional Conve	eying Party(ies)/Exe	cution Date(s) (1. Continued):	· · · · · · · · · · · · · · · · · · ·
Kenichi Yoneda (02	(15/2011)		
Additional Assigr	nees (2. Continued):		
Assignee Name			
Internal Address			
Street Address			
City	State	Country	Zıp
Assignee Name			
Street Address			
City	State	Country	Zıp
Assignee Name			
Internal Address			
Street Address			
City	State	Country	-
	0.000	Country	Zıp
	tions and/or Patents	s (4. Continued):	
Additional Patent Application 44 Continued	on Numbers	Additional Patent Numbers 4B Continued	
	Additional numbers a	attached? Yes No	

4

PATENT REEL: 025963 FRAME: 0576

Docket Number: SDE-2625

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

GRAPHICAL USER INTERFACE

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 1-7-1 Konan, Minato-ku, Tokyo, 108-0075 JAPAN, (hereinafter referenced as ASSIGNEES) 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 Ten Dollar (\$10.00), 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 ASSIGNEES, 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 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 ASSIGNEES, 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 ASSIGNEES or its designee, as ASSIGNEES or its successors, assigns and legal representatives may from time-totime 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;

Attorney Docket No, SDE-2625

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 ASSIGNEES 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: 29/371,330, Filing Date: 1/04/2011.

This assignment executed on the dates indicated below.

Mitsuo OKUMURA Mitsuo Okumu	
Sign	ature Date
Tomohiro ISHII Jomohiro Ushii	Feb 16, 2011
Sign	ature Date
Makoto NIIJIMA Makoto Niijima	Tebruary 16,2011
Sign	ature Date
Taku SUGAWARA Jaku Sugawara	February. 20, 2011
Signi	Date
Kenichi YONEDA Signa	ature Date

PATENT REEL: 025963 FRAME: 0578 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 ASSIGNEES 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: 29/371,330, Filing Date: 1/04/2011.

This assignment executed on the dates indicated below.

Mitsuo OKUMURA		
	Signature	Date
Tomohiro ISHII		
	Signature	Date
Makoto NIIJIMA		
	Signature	Date
Taku SUGAWARA		
	Signature	Date
Kenichí YONEDA Keric	hi Joneda Segnature	February 15,201 Date

PATENT REEL: 025963 FRAME: 0579

RECORDED: 03/14/2011