07/20/2011



Form PTO-1595 (Rev. 01-09) OMB No. 0651-0027 (exp. 02/28/2009)	10362933			U.S. DEPARTMENT OF COMM United States Patent and Trademark	
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Hiroshi Mizuhashi (07/07/2011) and Kohei Azumi (07/11/2011) Additional name(s) of conveying party(ies) attached? Yes x No		Name: Sony Corporation			
		rnal Address: et Address:		U.S. P	
3. Nature of conveyance/Execution Date(s):		7-1 Konan		13/067	-
Execution Date(s): in parentheses after inv	entor name 10	nato-Ku, Tokyo 8-0075 .PAN)	07/12/2	2011
Security Agreement Joint Research Agreement					
Government Interest Assignment		e:		· · · · · · · · · · · · · · · · · · ·	
Executive Order 9424, Confirmatory License		ntry:		Zip:	
Other		itional name(s) & ched?	address(es)	Yes	x No
This application Additiona	I numbers attached?	Yes x	No		
5. Name and address to whom correspondence concerning document should be mailed:		otal number of a itents involved:	pplications and		1
Name: Christopher M. Tobin RADER, FISHMAN & GRAUER PLLC Internal Address: Atty. Dkt.: SON-4846 Street Address: 1233 20th Street, N.W. Suite 501		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 title)			
State: DC Zip					
Phone Number: (202) 955-3			umber	18-00°	13
Fax Number: (202) 955-3751 Fmail Address: cmt@faderfishman.com		Deposit Account Number 18-0013 Authorized User Nament Christopher Mode obint 306796			
		01 FC:80		0 DA	
9. Signature:	\mathcal{L}	NT LC:ON		ily 12, 20	11
				Date	11

Signature

Christopher M. Tobin - 40,290 Name of Person Signing

PATENT

Total number of pages including cover sheet, attachments, and documents:

REEL: 026669 FRAME: 0207

ASSIGNMENT

WHEREAS, I, as below named inventors, residing at the addresses stated next to our names, 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 POSITION DETECTION APPARATUS, DISPLAY APPARATUS AND ELECTRONIC APPARATUS

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, Japan (hereinafter referred to 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, 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.

	the sent of this application in
And I hereby authorize and request my attorney(s) of record in the spaces that follow: Serial Number:	this application to insert the serial number and filing date of this application ir, Filing Date:
This assignment executed on the dates indicated below.	
HIROSHI MIZUHASHI	Execution date of U.S. Patent Application
Name of first or sole inventor	Execution date of 0.5. I atom 7 pp. 10000000000000000000000000000000000
Residence of First or sole inventor	JUL 7 2011 Date of this assignment
Signature of first or sole inventor	Date of this assignment
Name of second inventor TOKYO JAPAN	Execution date of U.S. Patent Application
Residence of second inventor	Jul. 11, 2011
Signature of second inventor	Date of this assignment
Name of third inventor	Execution date of U.S. Patent Application
Residence of third inventor	
	Date of this assignment
Signature of third inventor	

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PATENT REEL: 026669 FRAME: 0208