U.S. PTO 11/808522 06/11/2007

06-25-2007



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Katsuhide Uchin Yamashita (06/0 (06/04/2007)	to (06/01/2007), Junichi 04/2007), and Naobumi Toyomura (Naveying party(les) attached? Yes X No	Name: Sony Corporation Internal Address: Street Address:
Execution Date(s): X Assignment Security Agreem Government Inte	in parentheses after inventor name Merger Change of Name ment Joint Research Agreement erest Assignment r 9424, Confirmatory License	1-7-1 Konan Minato-Ku, Tokyo 108-0075 JAPAN City: State: Country: Additional name(s) & address(es) attached? Yes X No
4. Application or p A. Patent Application This application This application This application This application This application This application or p This application or p This application or p This application or p	on No.(s)	This document is being filed together with a new application. B. Patent No.(s)
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concerning docum Name: RADE Internal Address: Att Street Address: 12; Su City: State: Phone Number: Fax Number:	s to whom correspondence nent should be mailed: Ronald P. Kananen ER, FISHMAN & GRAUER PLLC ty. Dkt.: SON-3774 33 20th Street, N.W. ite 501 Washington DC zip: 20036 (202) 955-3750 (202) 955-3751	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government interest not affecting) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 18-0013

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		•	Docket Number:
	ASSIGNMENT	•	
WHEREAS, I, as a below name only one name is listed below) or a joint inventor DISPLAY APPARATUS AND DRIVING	r (if plural names are listed	address stated next d below) of certain n	to my name, am a sole invento ew and useful improvements in
for which application for Letters Patent of the Unand address;	ited States of America was	executed by me on	the date indicated next to my n
·			
AND WHEREAS, Sony Corr Tokyo, Japan (hereinafter referenced as ASSIGNE said application disclosing the invention and in, therefor in the United States and in any and all for	EE) is desirous of acquiring to and under any Letters P	all interest in, to and	under said invention,
NOW THEREFORE, in consider the receipt and sufficience of which are hereby as an above the said and transfer unto the said ASS interest in the said invention, said application, inceptated of the United States, and countries foreign rights and/or convention rights under the Internation Relating to Patents, Designs and Industrial Mode adheres, and to any other benefits accruing or to patents in the United States and countries foreign to said United States Letters Patent to said ASSIGNITY	knowledged, I, as a sole or IGNEE, its successors, assicluding any divisions and othereto, which may be grantal Convention for the Protests, and any other internation accrue to me with respect thereto, and I hereby authorices.	joint inventor as inc gns, and legal repres continuations thereof ted for said inventior ection of Industrial Propal agreements to we to the filing of applice and request the Co	licated below, b entatives, the entire right, title , and in and to any and all Le a, and in and to any and all price operty, Inter-American Convention the United States of Americations for patents or securing promissioner of Patents to issue
And I further agree to execute all necess ASSIGNEE or its designee, as ASSIGNEE or its and without further remuneration, in order to perapplications and Letters Patent of the United States	successors, assigns and legar rfect title in said invention	al representatives man, modifications, and	y from time-to-time present to
And I further agree to properly execute an papers for application for foreign patents, for filin reissues of any Letters Patent which may be grante prepare at its own expense;	g subdivisions of said appl	lication for patent, a	nd or, for obtaining any reissu
And I further agree that ASSIGNEE will relating to said application, said invention and sai accessible to me and will testify as to the same in	d Letters Patent and legal	equivalents in foreig	n countries as may be known
And I hereby covenant that no assignment would conflict with this assignment and sale.	t, sale, agreement or encum	brance has been or v	vill be made or entered into w
And I hereby authorize and request my att this application in the spaces that follow: Serial N	orney(s) of record in this a	pplication to insert t	he serial number and filing dat
This assignment executed on the dates inc			, ,
Katsuhide UCHINO			
Name of first or sole inventor		Execution	on date of U.S. Patent Applica
Kanagawa, Japan			
Residence of first or sole inventor			
Zatrutulo Ch	mo.	Jun	150, 2007
ignature of first or sole inventor			Date of this assignm

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Junichi YAMASHITA	
Name of second inventor	Execution date of U.S. Patent Applicati
Tokyo, Japan	
Residence of second inventor	
Chan i this Nom achita	Jun. 4. 2007
Signature of second inventor	Date of this assignme
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Naobumi TOYOMURA	
Name of third inventor	Execution date of U.S. Patent Application
Kanagawa, Japan	
Residence of third inventor	
Signature of third inventor	Jun. 4. 2007
Signature of third inventor	Date of this assignme
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Name of fourth inventor	Execution date of U.S. Patent Application
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X Assignment Security Agreement Merger Joint Research Agreement Joint Research Agreement	1-7-1 Konan Minato-Ku, Tokyo 108-0075 JAPAN					
Government Interest Assignment	State:					
Executive Order 9424, Confirmatory License Other	Country: Zip:					
4. Application or patent number(s): A. Patent Application No.(s) This application Additional numbers attached	This document is being filed together with a new application. B. Patent No.(s) Yes X No. PLICATE					
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:					
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