	12/2	29804	
	Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. $6/30/2008$) $09 - 10 - 10$	2008 U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office	
50,	To the Director of the U.S. Patent ar 103523	documents or the new address(es) below.	
σ'	 Name of conveying party(ies): 	2. Name and address of receiving party(les)	
5	Mutsumi Takamatsu (06/25/2008), Takeshi Suzuki (07/14/2008), Hiromasa Miyamoto (06/25/2008), and	Name: Sony Corporation	
ĹØ	Additional name(s) of conveying party(les) attached?	Street Address:	
2	3. Nature of conveyance/Execution Date(s):	1-7-1 Konan, Minato-ku	
	Execution Date(s): in parentheses after inventor name	Tokyo 108-0075	
	X Assignment Merger Change of Name	JAPAN	
	Security Agreement Joint Research Agreement	City:	
	Government Interest Assignment	State:	
	Executive Order 9424, Confirmatory License	Country: Zip:	
	Other	Additional name(s) & address(es) Yes X No	
	This application		
	Additional numbers attached	? Yes XNo	
	Additional numbers attached 5. Name and address to whom correspondence concerning document should be mailed:	? Yes X No 6. Total number of applications and patents involved: 1	
	5. Name and address to whom correspondence concerning document should be mailed: Name: Randy J. Pritzker	6. Total number of applications and 1	
	5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and	
	5. Name and address to whom correspondence concerning document should be mailed: Name: Randy J. Pritzker WOLF, GREENFIELD & SACKS, P.C. Internal Address: Street Address: Federal Reserve Plaza	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
	5. Name and address to whom correspondence concerning document should be mailed: Name: Randy J. Pritzker WOLF, GREENFIELD & SACKS, P.C. Internal Address:	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card	
	5. Name and address to whom correspondence concerning document should be mailed: Name: Randy J. Pritzker WOLF, GREENFIELD & SACKS, P.C. Internal Address: Street Address: Federal Reserve Plaza 600 Atlantic Avenue	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account X Enclosed None required (government interest not affecting title)	
	5. Name and address to whom correspondence concerning document should be mailed: Name: Randy J. Pritzker WOLF, GREENFIELD & SACKS, P.C. Internal Address: Street Address: Federal Reserve Plaza 600 Atlantic Avenue	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account X Enclosed None required (government interest not affecting title) 8. Payment Information	
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	5. Name and address to whom correspondence concerning document should be mailed: Name: Randy J. Pritzker WOLF, GREENFIELD & SACKS, P.C. Internal Address: Street Address: Federal Reserve Plaza 600 Atlantic Avenue City: Boston State: MA Zip: 02210-2206 Phone Number: 617.646.8646	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account X Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number	
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PATENT REEL: 021517 FRAME: 0111

Form PTO-1595	RECOR	DATION FORM COVER SHEET (continued)	
Additional Conve	eying Party(ies)/Exec	ution Date(s) (1. Continued):	
Masahiko Horiuchi (06/25/2008)		
Additional Assign	nees (2. Continued):		
Assignee Name:			
Internal Address:			
Street Address:			
City:	State:	Country:	Zip:
Assignee Name:			
Internal Address:			
Street Address:			
City:	State:	Country:	Zip:
Assignee Name:			
Internal Address:			
Street Address:			
City:	State:	Country:	Zip:
Additional Applic	ations and/or Patents	s (4. Continued):	
Additional Patent Application Numbers Additional Patent Numbers Additional Patent Numbers 4B. Continued:			
	Additional numbers	attached?	1

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Docket No.: S1459.70492US00

U.S. PTO 12/229804 08/27/2008

ASSIGNMENT

Docket Number:

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in L-CHARACTER STAND

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my nan and address;

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 1-7-1 Konan, Minato-Ku, Tokyo, 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 grante 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 consideratio the receipt and sufficienc of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title ar interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Lette Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priori rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Conventic Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of Americ adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing 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 ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to n and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said inventio 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 lawf papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require ar prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documen relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known an 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 while 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 this application in the spaces that follow: Serial Number: ______, Filing Date: ______.

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This assignment executed on the dates indicated below.

Mutsumi TAKAMATSU

Name of first or sole inventor

Tokyo, Japan

Residence of first or sole inventor

Mutsum; Pakamatsu

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June 25, 2008

Signature of first or sole inventor

Date of this assignme

Execution date of U.S. Patent Application

PATENT REEL: 021517 FRAME: 0113

Takeshi SUZUKI		
Name of second inventor	Execution date of U.S. Patent Applicat	
Tokyo, Japan		
Residence of second inventor		
Takoshi Suzahi	July. 14. 2008	
Signature of second inventor	Date of this assignm	
Hiromasa MIYAMOTO		
Name of third inventor	Execution date of U.S. Patent Applicat	
Chiba, Japan		
Residence of third inventor		
Hiromasa minamoto	June 25, 2008	
Hiromasa Miyamoto Signature of third inventor	Date of this assignm	
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Masahiko HORIUCHI		
Name of fourth inventor	Execution date of U.S. Patent Applica	
Tokyo, Japan		
Residence of fourth inventor	1 /	
Masahiko Horiuchi	June /25/2008	
Signature of fourth inventor	Date of this assignm	
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Name of fifth inventor	Execution date of U.S. Patent Applica	
Residence of fifth inventor		
Signature of fifth inventor	Date of this assignm	

RECORDED: 08/27/2008

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PATENT REEL: 021517 FRAME: 0114