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To the Director of the U.S. Patent and Trademark Office; Please of	ecord the attached documents or the new address(es) bolow.
Name of conveying party(les)/Execution Date(s):	2. Name and address of receiving party(ies)
HIROAKI ICHIKAWA (10/04/2005), KENICHI	
KJKUCHI (10/04/2005), AND KIMIO HATAJIRI	
(10/04/2005)	Name: SONY CORPORATION
	Internal Address:
	Street Address:
Execution Date(s): in parentheses after inventor name	7-35, Kitashinagawa 6-chome
Additional name(s) of convoving party(ios) attached? Yos X No	Shinagawa-ku, Tokyo
3. Nature of Conveyance:	141-0001
x Assignment Merger	JAPAN
Security Agreement Change of Name	City:
Government Interest Assignment	State:
hu	Country: Zip:
Executive Order 9424, Confirmatory License	Additional name(s) & address(es) Yes X No
Other	attached:
4. Application or patent number(s):	This document is being filed together with a new application.
4. Application of patent name of the	B. Patent No.(s)
A, Patont Application No.(s) 11/281,153	
177241,130	
Additional numbers attached	? Yes X No
5. Name and address to whom correspondence concerning document should be mailed:	Total number of applications and 1 patents involved:
Name: Dennis M. Smid, Esq.	
LERNER, DAVID, LITTENBERG.	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
KRUMHOLZ & MENTLIK, LLP	7. Total rec (57 OFFI 1/2/1/1) & 5.47)
	Authorized to be charged by credit card
Internal Addross: Atty. Dkt.:	Admidized to be changed by Great Sales
Street Address: 600 South Avenue West	X Authorized to be charged to deposit account
	Enclosed
	None required (government interest not affecting tit
	Land
Gity: Westfield	B. Payment Information
State: NJ Zip: 07090	a. Credit Card Last 4 Numbers Everyation Date
Phone Number: (908) 518-6374	Expiration Date 12-1095
Fax Number: (908) 654-0415	b. Deposit Account Number 12-1095 Authorized User Name Dennis M. Smid, Esq.
Email Address: dsmid@ldlkm.com	Adminized Cost Plant.
9. Signature:	
1 CANHAL	June 14, 2007
Signature	Date
Dennis M. Smid, Esq 34,930	Total number of pages including cover sheet, attachments, and documents:
Name of Person Signing	Wild summer Country Co

774993 1.DOC

PATENT REEL: 019441 FRAME: 0500

S05P1485US00

Docket Number: SONYJP 3.0-493

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
CRYSTAL DISPLAY DEVICE 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 7-35 Kitashinagawa 6-Chome, Shinagawa-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 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 hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and hereby assign, sell and transfer unto the said application, including any divisions and continuations thereof, and in and to any and all Letters in the said invention, said application, including any divisions and continuations thereof, and in and to any and all priority 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 filling 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 unit 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 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: <u>11/281.153</u> . Filing Date: <u>November 17</u> , 2005
This assignment executed on the dates indicated below.
Hiroaki ICHIKAWA October 4, 2005
Name of first of soil inventor
Kanagawa, Japan
Residence of first or sole inventor October 4, 2005 Date of this assignment
Signature of first or sole inventor

PATENT REEL: 019441 FRAME: 0501

S05P1485US00

Kenichi KIKUCHI	October 4, 2005 Execution date of U.S. Patent Application
Name of second inventor	Execution date of U.S. Patent Application
Residence of second inventor Signature of second inventor	October 4, 2005 Date of this assignment
Kimio HATAJIRI Name of third inventor	October 4, 2005 Execution date of U.S. Patent Application
Kanagawa, Japan Residence of third inventor	
Kimio Katajeri Signature of third inventor	October 4. 2005 Date of this assignment
	A . 1
Name of fourth inventor	Execution date of U.S. Patent Application
Residence of fourth inventor	
Signature of fourth inventor	Date of this assignment
Name of fifth inventor	Execution date of U.S. Patent Application
Residence of fifth inventor	
Signature of fifth inventor	Date of this assignment

PATENT RECORDED: 06/14/2007 REEL: 019441 FRAME: 0502