Form PTO-1595 (Rev. 09/ 04) <u>OMB No. 0651-0027 (exp. 6/30/2005)</u>	U.S. DEPARTMENT OF COMMERC
RECORDATION FO	·
PATENTS ONLY	
To the Director of the U.S. Patent and Trademark Office: Pleas	se record the attached document : or the new address(es) below.
Name of conveying party(les)/Execution Date(s): KOICHIRO NISHIMURA (06/23/2008) AND YOSHITAKE KONDO (06/23/2008)	2. Name and address of reseiving party(les)
Execution Date(s): in parentheses after inventor name Additional name(s) of conveying party(ies) attached? Yes X No 3. Nature of Conveyance: X Assignment	Name: SONY CORPORATION Internal Address: Street Address: 1-7-1 Konan, Minato-i tu Tokyo 108-0075 JAPAN City: State: Country: Additional name(s) & address es) attached: This document is being filed together with a new application. B. Patent No.(s)
Additional numbers attached?	
5. Name and address to whom correspondence concerning document should be mailed: Name: Bruno Polito LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: Atty. Okt.:	Authorized to be charged by credit card
Street Address: 600 South Avenue West	Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)
City: Westfield	8. Payment Information
State: NJ zip: 07090	a. Credit Card Last 4 Numbers
Phone Number: (908) 518-6386 Fax Number: (908) 654-0415	Expiration Date
Fax Number: (908) 654-0415 Email Address: bpolito@ldlkm.com	b. Deposit Account Number 12-1095 Authorized User Name B"uno Polito
Signature:	B GROT OILLO
Br. Ar	0
Signature	October 14, 2008
Bruno Polito - 38,580	Total number of pages including cover
Name of Person Signing	sheet, attachmen s, and documents: 3

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PATENT REEL: 021674 FRAME: 0237

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→ USPTO ASSIGNMENT 2003/004

S08P1113US00 SONYJP 3.0-1662

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

PROJECTION DISPLAY 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 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 sufficience 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 there if, 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 reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNES 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.

And I hereby authorize and request my attorney(s) of rec	production to insert the serial number and filing date of July 23, 2008
this application in the spaces that follow: Serial Number:	Filing Date: July 23, 2008
This assignment executed on the dates indicated below.	
Koichiro NISHIMURA	
Name of first or sole inventor	Execution date of U.S. Patent Application
Kanagawa, Japan	
Residence of first or sole inventor	
Koichira Mishimura	June 23, 2008
Signature of first or sole inventor	

Date of this assignment

PATENT REEL: 021674 FRAME: 0238

S08P1113US00

Yoshitake KCNDO	
Name of second inventor	Execution date of U.S. Patent Application
Kanagawa, Japan	The second secon
Residence of second inventor	
ToshItake Kondo	~~. ~) ~ (
Signature of second inventor	Jone 23 , Zoo∂ Date of this assignment
	Date of this assignment
Name of third inventor	Execution date of U.S. Patent Application
Residence of third inventor	
Signature of third inventor	Date of this assignment
Name of fourth inventor	Execution date of U.S. Patent Application
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Name of fifth inventor	Executio 1 date of U.S. Patent Application
Residence of fifth inventor	
ignature of fifth inventor	Date of this assignment

PATENT REEL: 021674 FRAME: 0239

RECORDED: 10/15/2008