Form **PTO-1595** (Rev. 08/08) OMB No. 0651-0027 (exp. 8/31/2008)



Name of Person Signing

09-04-2008



RTMENT OF COMMERCE atent and Trademark Office

1		SEIGN NEW SEIZE HIST STIFF HEIS HEIS HEIS HEIS HEIS HEIS HEIS
	PAT	103522953
To the Director of	the U.S. Patent and Trademark Office: Please	e record the attached documents or the new address(es) below
To the Director of 1. Name of contact Kiyoshi Oota	veying party(ies):	2. Name and address of receiving party(ies)
Kiyoshi Oota		Name: Sony Corporation
		Internal Address:
Additional name(s) of	conveying party(ies) attached? Yes X No	Street Address:
3. Nature of conv	eyance/Execution Date(s):	
Execution Date(s): August 1, 2008		1-7-1 Konan Minato-Ku.
X Assignment Merger Change of Name		Nillato-Itu,
Security Agree	ement Joint Research Agreement	City: Tokyo
Government Interest Assignment		State:
	er 9424, Confirmatory License	
Other	,,	Country: JAPAN Zip: 108-0075 Additional name(s) & address(es) Yes X No
		attached?
	Additional numbers attached	? Yes X No
	ss to whom correspondence iment should be mailed:	6. Total number of applications and patents involved:
Name: RAD	PER, FISHMAN & GRAUER PLLC	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: Atty. Dkt.: SDE-2369		Authorized to be charged by credit card
Street Address: 1233 20th Street, N.W.		X Authorized to be charged to deposit account
51	uite 501	Enclosed
		None required (government interest not affecting t
City:	Washington	8. Payment Information
State:	DC zip: 20036	a. Credit Card Last 4 Numbers
Phone Number:	(202) 955-3750	Expiration Date
Fax Number:	(202) 955-3751	b. Deposit Account Number 18-0013 Authorized User Name Toshikatsu Imaizumi
Email Address:		Authorized User Name Toshikatsu Imaizumi
9. Signature:	(
	Signatura	August 29, 2008
	Signature Toshikatsu Imaizumi - 61,648	Total number of pages including cover
1	Lusimaisu iiiaizuiii - 01,040	Total number of pages including cover 2

09/03/2008 DBYRNE 00000042 180013 29309092 01 FC:8021 40.00 DA

sheet, attachments, and documents:

Docket Number: SDE-2369

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

PROJECTOR

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, 108-0075 JAPAN, (hereinafter referenced as ASSIGNEES) 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 Ten Dollar (\$10.00), 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 ASSIGNEES, 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 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 ASSIGNEES, 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 ASSIGNEES or its designee, as ASSIGNEES 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;

PATENT REEL: 021485 FRAME: 0031 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 ASSIGNEES 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:

, Filing Date:

This assignment executed on the dates indicated below.

Kiyoshi OOTA

Signature

Date

PATENT REEL: 021485 FRAME: 0032

FILE COPY

Form PTO-1595 (Rev. 08/08) DMB No. 0651-0027 (exp. 8/31/2008)	U.S. DEPARTMENT OF COMMER United States Patent and Trademark Off
RECORDATION FOR	
PATENT	S ONLY
To the Director of the U.S. Patent and Trademark Office: Please	e record the attached documents or the new address(es) below.
Name of conveying party(ies):	2. Name and address of receiving party(ies)
Kiyoshi Oota	Name: Sony Corporation
	Internal Address:
Additional name(s) of conveying party(ies) attached?	Street Address:
3. Nature of conveyance/Execution Date(s):	
Execution Date(s): August 1, 2008	1-7-1 Konan
x Assignment Merger Change of Name	Minato-Ku,
Security Agreement Joint Research Agreement	City
Government Interest Assignment	City: Tokyo
Executive Order 9424, Confirmatory License	State:
	Country: JAPAN Zip: 108-0075
Other	Additional name(s) & address(es) Yes X No attached?
29/309,092 Additional numbers attached	? Yes X No
Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: RADER, FISHMAN & GRAUER PLLC	7. Total fee (37 CFR 1.21(h) & 3.41) S 40.00
nternal Address: Atty. Dkt.: SDE-2369	Authorized to be charged by credit card
Street Address: 1233 20th Street, N.W.	X Authorized to be charged to deposit account
Suite 501	Enclosed
	None required (government interest not affecting titl
City: Washington	8. Payment Information
State: DC Zip: 20036	a. Credit Card Last 4 Numbers
Phone Number: (202) 955-3750	Expiration Date
Fax Number: (202) 955-3751	b. Deposit Account Number 18-0013
Email Address:	Authorized User Name Toshikatsu Imaizumi
Signature:	
O: Jahun	August 29, 2008
Signature Toshikatsu Imaizumi - 61,648	Date Total number of pages including cover
Name of Porcen Signing	sheet, attachments, and documents:

RECORDED: 08/29/2008

PATENT REEL: 021485 FRAME: 0033