U.S. PTO				
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03-31-2008		U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office		
		RM COVER SHEET		
		SONLY		
		record the attached documents or the new address(es) below.		
1. Name of conveying party(ies): Hideo Kido (02/12/2008), Kazuichiro Itonaga (02/12/2008), Kai Yoshitsugu (02/15/2008), and Kenichi Chiba (02/15/2008)		2. Name and address of receiving party(ies)		
		Name: Sony Corporation		
		Internal Address:		
Additional name(s) of conveying party(ies) attached?	Yes X No	Street Address:		
3. Nature of conveyance/Execution Date(s):	– 1-7-1 Konan		
Execution Date(s): in parentheses after inventor name		Minato-Ku, Tokyo 108-0075		
Execution Date(s). In parentitieses arter inventor name X Assignment Merger		JAPAN		
Security Agreement Joint Research Agreement		City:		
Government Interest Assignment		State:		
Executive Order 9424, Confirmatory License		Country: Zip: Additional name(s) & address(es) Yes X No		
Other		attached?		
4. Application or patent number(s):				
A. Patent Application No.(s)		B. Patent No.(s)		
This application				
Additional numbers attached? Yes XNo				
5. Name and address to whom correspondence concerning document should be mailed:		6. Total number of applications and 1		
Name: Christopher M. Tobin		7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00		
RADER, FISHMAN & GRAUER PLLC		7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card		
Internal Address: Atty. Dkt.: SON-3942 Street Address: 1233 20th Street, N.W.		x Authorized to be charged to deposit account		
Suite 501				
		None required (government interest not affecting title)		
		None required (government interest not ancoung the)		
City: Washington		8. Payment Information		
State: DC Zip:20036		a. Credit Card Last 4 Numbers Expiration Date		
Phone Number: (202) 955-3750		b. Deposit Account Number 18-0013		
Fax Number: (202) 955-3751 Email Address: cmt@raderfishman.cmi		Authorized User Name Christopher M. Tobin		
Email Address:				
9. Signature: 40, Signature		March 24, 2008		
		Date		
Ronald P. Kananen - 24,104		Total number of pages including cover 3 sheet, attachments, and documents:		
Christopher M. Tobin – 40,290		sheet, attachments, and documents.		
Name of Person Signing				

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PATENT REEL: 020735 FRAME: 0467 U.S. PTO 12/076792 03/24/2008

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 SOLID-STATE IMAGING ELEMENT AND METHOD FOR PRODUCTING THE SAME

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my nar 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 grant 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 consideratic the receipt and sufficience of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, b hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title a 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 prior rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Conventi Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of Ameri 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 t 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 1 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 law 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 z prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and docume relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known a 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 wh 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: 3-24-2008

This assignment executed on the dates indicated below.

Hideo KIDO

Name of first or sole inventor

Kanagawa, Japan

Residence of first or sole inventor

Hideo

Signature of first or sole inventor

Execution date of U.S. Patent Applicat

February (2, 2008 Ebytuary 8, 2007 Date of this assignment

Februry 12, 2003 H.K

PATENT REEL: 020735 FRAME: 0468

Execution date of U.S. Patent Applic
· · · · · · · · · · · · · · · · · · ·
Feb, 12, 2008
Date of this assign
Execution date of U.S. Patent Applic
Feb. 15, 2008
Date of this assign
Execution date of U.S. Patent Applic
Feb. 15, 2008
Date of this assign
Execution date of U.S. Patent Applica
. Date of this assignment

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PATENT REEL: 020735 FRAME: 0469 Form PTO-1595 (Rev. 08/05) OMB No. 0651-0027 (exp. 6/30/2008)

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U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

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1. Name of conveying party(les): 2. Name and address of receiving party(les) Hideo Kido (02/12/2008), Kazuichiro Itonaga (02/12/2008), Kai Yoshitsugu (02/15/2008), and Kenichi Chiba (02/15/2008) Name:	RECORDATION FORM COVER SHEET			
1. Name of conveying party(les): 2. Name and address of receiving party(les) Hideo Kido (02/12/2008), Kai Yoshitsugu (02/15/2008), and Name:				
Hideo Kido (02/12/2008), Kazulchiro Itonaga (02/12/2008), Kai Yoshitsugu (02/15/2008), and Kenichi Chiba (02/15/2008) Name:Sony Corporation Additional name(s) of conveying partyles) attached?YesNo Street Address: 3. Nature of conveying partyles) attached?YesNo Street Address: Street Address Street Address: 3. Nature of conveying partyles) attached?YesNo Street Address: Execution Date(s):AssignmentJoint Research AgreementJoint Research AgreementJAPAN City:	To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.			
3. Nature of conveyance/Execution Date(s): 1-7-1 Konan Security Date(s): in parentheses after inventor name Security Agreement Joint Research Agreement Government Interest Assignment Joint Research Agreement Cother State: Other State: Other Zip: Additional number(s): X A. Patent Application or patent number(s): X A. Patent Application No.(s) This document is being filed together with a new application Additional numbers attached? Yes Yes X Name: Christopher M. Tobin RADER, FISHMAN & GRAUER PLLC Internal Address: Atty. Dkt: SON-3942 Street Address: 1233 20th Street, N.W. Suite 501	Hideo Kido (02/12/2008), Kazuichiro Itonaga (02/12/2008), Kai Yoshitsugu (02/15/2008), and Kenichi Chiba (02/15/2008)	Name: Sony Corporation		
4. Application or patent number(s): X A. Patent Application No.(s) This document is being filed together with a new application B. Patent No.(s) B. Patent No.(s) Additional numbers attached? Yes Yes X Name: Christopher M. Tobin RADER, FISHMAN & GRAUER PLLC Internal Address: Atty. Dkt.: SON-3942 Street Address: 1233 20th Street, N.W. Suite 501 Authorized to be charged by credit card X Authorized to be charged to deposit account	3. Nature of conveyance/Execution Date(s): Execution Date(s): in parentheses after inventor name X Assignment Merger Change of Name Security Agreement Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License	1-7-1 Konan Minato-Ku, Tokyo 108-0075 JAPAN City: State: Country:Zip:		
4. Application or patent number(s): X This document is being filed together with a new application A. Patent Application No.(s) B. Patent. No.(s) This application B. Patent. No.(s) Additional numbers attached? Yes Yes X No 5. Name and address to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1 Name: Christopher M. Tobin RADER, FISHMAN & GRAUER PLLC 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Internal Address: Atthorized to be charged by credit card suthorized to be charged to deposit account X Suite 501 X Authorized to be charged to deposit account	Other			
concerning document should be mailed: patents involved: Name: Christopher M. Tobin RADER, FISHMAN & GRAUER PLLC 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Internal Address: Atty. Dkt.: SON-3942 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	A. Patent Application No.(s) This application	B. Patent. No.(s)		
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I	RADER, FISHMAN & GRAUER PLLC Internal Address: Atty. Dkt.: SON-3942 Street Address: 1233 20th Street, N.W.	Authorized to be charged by credit card Authorized to be charged to deposit account		
City: Washington 8. Payment Information State: DC Zip: 20036 Phone Number: (202) 955-3750 a. Credit Card Last 4 Numbers Fax Number: (202) 955-3751 b. Deposit Account Number 18-0013 Email Address: cmt@raderfishman.com Authorized User Name Christopher M. Tobin	State: DC Zip: 20036 Phone Number: (202) 955-3750 Fax Number: (202) 955-3751	a. Credit Card Last 4 Numbers Expiration Date		
P. Signature: 9. Signature: Ronald P. Kananen - 24,104 Christopher M. Tobin – 40,290 March 24, 2008 Date Total number of pages including cover sheet, attachments, and documents:	9. Signature: Signature Bonald P. Kananen - 24,104	Date		
Name of Person Signing	Name of Person Signing			

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RECORDED: 03/24/2008