m PTO-1595 (Rev. 09/ 04) B No. 0651-0027 (exp. 6/30/2005) RECORDATION FOR	United States Patent and Trademark Office	
PATENTS		
	record the attached documents or the new address(es) below.	
	2. Name and address of receiving party(ies)	
Name of conveying party(ies)/Execution Date(s):		
SEIGO FUKUSHIMA (03/18/2008) AND SHIGERU KASHIWAGI (03/21/2008)		
SHIOEKO KASHIMITOTA	Name: SONY CORPORATION	
	Name: SONT CORTORATION:	
	Street Address:	
Execution Date(s): in parentheses after inventor name		
Additional name(s) of conveying party(les) affached? Yes X No	1-7-1 Konan, Minato-ku	
3. Nature of Conveyance:	Tokyo, 108-0075 JAPAN	
X Assignment Merger	JAPAN	
Security Agreement Change of Name	City:	
Government Interest Assignment	State:	
Executive Order 9424, Confirmatory License	Country: Zip:	
=	Ariditional 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.	
A. Patent Application No.(s)	B. Patent No.(3)	
12/148,612		
Additional numbers attache	d? Yes X No	
. Name and address to whom correspondence	6. Total number of applications and	
concerning document should be mailed:	patents involved:	
Name: Dennis M. Smid, Esq.		
LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
KKOWITOLZ & METTERS		
N. SIN. SONVID 3.0-1615	Authorized to be charged by credit card	
Internal Address: Atty Dkt.: SONYJP 3.0-1615		
Street Address: 600 South Avenue West	X Authorized to be charged to deposit account	
Glicely (deliber) (000 COdd) y (tod) (deliber)		
	Enclosed	
	None required (government interest not affecting title	
City: Westfield	B. Payment Information	
07000	a. Credit Card Last 4 Numbers	
(ODD) 549 6274	Expiration Date	
Phone Number: (908) 516-0374 Fax Number: (908) 654-0415	b. Deposit Account Number 12-1095	
Email Address: dsmid@ldlkm.com	Authorized User Name Dennis M. Smid, Esq.	
9. Signature:		
()=m/s	July 21, 20 <u>09</u>	
Signature	Date	
Dennis M. Smid, Esq 34,930	Total number of pages including cover 3 sheet, attachments, and documents:	
Name of Person Signing	Silett, attachananta, and economica	

894124 1.DCR*

PATENT REEL: 022989 FRAME: 0572

ı	D	ı	K

→ USPTO ASSIGNMENT 2003/004

S08P0583US00 SONYJP 3.0-1615

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 IMAGE PROCESSING METHOD,

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 COMPUTER PROGRAM 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, b 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 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 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 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 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: 12/148,612 , Filing Date: April 21, 2008

This assignment executed on the dates indicated below.

Seigo FUKUSHIMA	March 18, 2008		
Name of first or sole inventor	Execution date of U.S. Patent Applicati		
Kanagawa, Japan			
Residence of first or sole inventor Leigo Frhushima	march 18, 2008		
Classifier of first or sole inventor	Date of this assignment		

Signature of first or sole inventor

PATENT REEL: 022989 FRAME: 0573

Shigeru KASHIWAGI	March 21, 2008
Name of second inventor	Execution date of U.S. Patent Application
Tokyo, Japan	
Residence of second inventor Signature of second inventor	March 21, 2008 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
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

LDLKM

PATENT REEL: 022989 FRAME: 0574