U.S. PTO 12/080932 **ロオ/ロサ/つれれる** Form PTO-1595 (Rev. 07/05) U.S. DEPARTMENT OF COMMERCE OMB No. 0651-0027 (exp. 6/30/2008) 04-16-2008 United States Patent and Trademark Office EET To the Director of the U.S. Paten 103496917 ed documents or the new address(es) below. 1. Name of conveying party(ies): Name and address of receiving party(ies) Akane Sano (02/27/2008), Masaaki Tsuruta Sony Corporation (02/29/2008), Nozomu Ozaki (03/03/2008), Masamichi Asukai (02/27/2008). Internal Address: Additional name(s) of conveying party(ies) attached? X Yes Street Address: 3. Nature of conveyance/Execution Date(s): 1-7-1 Konan, Minato-ku Tokyo Execution Date(s): in parentheses after inventor name 108-0075 **JAPAN** x Assignment Merger Change of Name 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 attached: 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 Additional numbers attached? 5. Name and address to whom correspondence 6. Total number of applications and concerning document should be mailed: patents involved: Name: Randy J. Pritzker WOLF, GREENFIELD & SACKS, P.C. 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Internal Address: Authorized to be charged by credit card Street Address: Federal Reserve Plaza Authorized to be charged to deposit account 600 Atlantic Avenue **Enclosed** 04/09/2008 HUE333 00000003 12080932 None required (government interest not affecting title) Boston 8. Payment Information City: Zip: 02210-2206 Last 4 Numbers MA a. Credit Card State: **Expiration Date** 617.646.8000 Phone Number: 617.646.8646 b. Deposit Account Number Fax Number: **Authorized User Name** rpritzker@wolfgreenfield.com Email Address: 9. Signature: Total number of pages including cover Randy J. Pritzker - 35,986 sheet, attachments, and documents: Name of Person Signing

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Form PTO-1595 RECORDATION FORM COVER SHEET  (continued)					
Additional Conveying Party(ies)/Execution Date(s) (1. Continued):					
Taiji Ito (02/27/2008), Akinobu Sugino (02/27/2008), Hidehiko Sekizawa (03/04/2008), Yoichiro Sako (02/27/2008), and Hideko Tabata (03/03/2008)					
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Additional Applications and/or Patents (4. Continued):					
Additional Patent Application Nun 4A. Continued:	nbers	Additional Patent Numbers 4B. Continued:			
	Additional numbers attached?	Yes No			
1	Additional numbers attached				

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Docket No.: S1459.70447US00

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	Docket Number:
A	SSIGNMENT
	or, residing at the address stated next to my name, am a sole invention are listed below) of certain new and useful improvements APPARATUS, IMAGE STORAGE PROCESSING METHOD,
IMAGE SEARCH METHOD AND PROGRAM	
for which application for Letters Patent of the United States and address;	of America was executed by me on the date indicated next to my
Tokyo, Japan (hereinafter referenced as ASSIGNEE) is desir	der any Letters Patent or similar legal protection which may be gr
the receipt and sufficience of which are herely acknowledge hereby assign, sell and transfer unto the said ASSIGNEE, it interest in the said invention, said application, including an Patent of the United States, and countries foreign thereto, where the United States and countries foreign thereto, where the International Converges and Industrial Models, and an adheres, and to any other benefits accruing or to accrue to	s successors, assigns, and legal representatives, the entire right, titly divisions and continuations thereof, and in and to any and all L nich may be granted for said invention, and in and to any and all protion for the Protection of Industrial Property, Inter-American Convey other international agreements to which the United States of Arme with respect to the filing of applications for patents or securing I hereby authorize and request the Commissioner of Patents to issue
ASSIGNEE or its designee, as ASSIGNEE or its successors	sirable and lawful future documents, including assignments in fave, assigns and legal representatives may from time-to-time present to in said invention, modifications, and improvements in said inverties foreign thereto;
papers for application for foreign patents, for filing subdivis	and without further remuneration, such necessary or desirable and lastons of said application for patent, and or, for obtaining any reiss foresaid invention, as the ASSIGNEE thereof shall hereafter require
And I further agree that ASSIGNEE will, upon its relating to said application, said invention and said Letters accessible to me and will testify as to the same in any inter-	request, be provided promptly with all pertinent facts and docur Patent and legal equivalents in foreign countries as may be known ference or litigation related thereto;
And I hereby covenant that no assignment, sale, ago would conflict with this assignment and sale.	eement or encumbrance has been or will be made or entered into v
And I hereby authorize and request my attorney(s) of this application in the spaces that follow: Serial Number:	of record in this application to insert the serial number and filing defined in this application to insert the serial number and filing defined in this application to insert the serial number and filing defined in this application to insert the serial number and filing defined in this application to insert the serial number and filing defined in this application to insert the serial number and filing defined in this application to insert the serial number and filing defined in this application to insert the serial number and filing defined in this application to insert the serial number and filing defined in this application to insert the serial number and filing defined in the serial number and the serial
This assignment executed on the dates indicated be	low.

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PATENT REEL: 020822 FRAME: 0361

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PATENT REEL: 020822 FRAME: 0362

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Signature of ninth inventor	Date of this assignmen

PATENT REEL: 020822 FRAME: 0363

RECORDED: 04/07/2008