Form PTO-1595 (Rev. 09/04) OMB No. 0651-0027 (exp. 6/30/2006)	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.
1. Name of conveying party(les)/Execution Date(s): HIROSHI KOBAYASHI	2. Name and address of revelving party(ies)
Execution Date(s): April 25, 2008  Additional name(s) of conveying party(les) attached?  3. Nature of Conveyance:  X Assignment	Tokyo 108-0075 JAPAN Clry: State: Country: Zip; Additional name(s) & address/es) Attached:
4. Application or patent number(s):  A. Patent Application No.(s)  12/157,389  Additional numbers attached?	This rlocument is being filed toge/her with a new application.  B. Patent No.(s)  Yes X No
5. Name and address to whom correspondence concerning document should be mailed:  Name: Dennis M. Smid, Esq.  LERNER, DAVID, LITTENBERG,  KRUMHOLZ & MENTLIK, LLP	6. Total number of applications and patents involved:  7. Total fee (37 CFR 1.21(h) & 1.41) \$ 40.00
Internal Address: Atty. Dkt.: SONYJP 3.0-1635 Street Address: 600 South Avenue West	Authorized to be charged by credit card  K. Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)
State:         NJ         Zip:         07090           Phone Number:         (908) 518-6374           Fax Number:         (908) 654-0415           Email Address:         dsmid@ldlkm.com	8. Payment Information a. Credit Card Last 4 Nur bere Expiration Date b. Deposit Account Number 12-1095 Authorized User Name Dennis M. Smid, Esq.
Signature:  Signature  Dennis M. Smid, Esq 34,930  Name of Person Signing	September 19, 2008  Date  Total number of pages including cover sheet, attachments, and documents:

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PATENT REEL: 021563 FRAME: 0439

Hirshi Rotayashi Signature of first or sole inventor

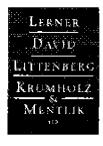
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→ USPTO ASSIGNMENT 🛭 003/003

S08P0885US00

	SONYJP 3.0-1635
	Docket Number:
ASSIGNMENT	<del>-</del>
WHEREAS, I, as a below named inventor, residing at the address only one name is listed below) or a joint inventor (if plural names are listed below) IMAGE-SIGNAL PROCESSING APPARATUS.	stated next to my name, am a sole inventor (if of certail new and useful improvements in TNG ME THOD
AND IMAGE-SIGNAL PROCESSING PROGRAM	d by me up the date indicated next to my name
for which application for Letters Patent of the United States of America was executed and address;	troy life in the date indicates note to
AND WHEREAS, Sony Corporation, a Japanese corporation v Tokyo, Japan (hereinafter referenced as ASSIGNEE) is desirous of acquiring all interestaid application disclosing the invention and in, to and under any Letters Patent or therefor in the United States and in any and all foreign countries;	similar egal protection which may be granted
NOW THEREFORE, in consideration of the sum of One Dollar (\$1) the receipt and sufficience of which are hereby acknowledged, I, as a sole or joint in hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and interest in the said invention, said application, including any divisions and continual Patent of the United States, and countries foreign thereto, which may be granted for sights and/or convention rights under the International Convention for the Protection of Relating to Patents, Designs and Industrial Models, and any other international agradheres, and to any other benefits accruing or to accrue to me with respect to the patents in the United States and countries foreign thereto, and I hereby authorize and said United States Letters Patent to said ASSIGNEE, as the assignee of the whole re-	d legal representatives, the entire right, title and all legal representatives, the entire right, title and attions thereof, and in and to any and all Letters said invention, and in and to any and all priority fundamental Property, Inter-American Convention seements o which the United States of America filing of applications for patents or securing of request the Commissioner of Patents to issue the right, title and interest thereto;
And I further agree to execute all necessary or desirable and lawful future ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal represent without further remuneration, in order to perfect title in said invention, modifications and Letters Patent of the United States and countries foreign thereto;	ifications and improvements in said invention,
And I further agree to properly execute and deliver and without further remipapers for application for foreign patents, for filing subdivisions of said application reissues of any Letters Patent which may be granted for my aforesaid invention, as the prepare at its own expense;	ne ASSIC NEE thereof shall hereafter require and
And I further agree that ASSIGNEE will, upon its request, be provided prelating to said application, said invention and said Letters Patent and legal equiva accessible to me and will testify as to the same in any interference or litigation relationship.	ated ther to;
And I hereby covenant that no assignment, sale, agreement or encumbrance would conflict with this assignment and sale.	e has been or will be made or entered into which
And I hereby authorize and request my attorney(s) of record in this application in the spaces that follow: Serial Number: 12/157,389	tion to it sert the serial number and filing date of Filing Date: <u>June 10, 2008</u>
This assignment executed on the dates indicated below.	_
Hiroshi KOBAYASHI	Execution date of U.S. Patent Application
Name of first or sole inventor	
Kanagawa, Japan	
Residence of first or sole inventor	april 25, 2008
Hirshi Kocayashi	Date of this assignment
**************************************	

**PATENT REEL: 021563 FRAME: 0440** 



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To: Fax Number From **USPTO Assignment Division** 571-273-0140 Phyllis Kelly 908-518-6456

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Date: September 19, 2008

No. Pages: 3

File Name.: SONYJP 3.0-1635 Client/Matter No: SONYJP/2158 Attorney/Secretary: DMS/lb/eag

## MESSAGE:

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**PATENT** REEL: 021563 FRAME: 0441

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