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				Attorney Docket No. <u>144167</u>	
Please record the attached document.					
Total number of pages including cover sheet, attachments, and document: <u>2</u>					
1. A. Name of conveying parties: 1) Ryo FURUKAWA 2) Hiroshi KAWASAKI 3) Akihiko MORISAKA 4) Tomoya ITANO B. Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No			2. A. Name and address of receiving parties: TECHNO DREAM 21 CO., LTD. V.I.P. #21, 5-10-5 SHIMO-OCHIAI, CHUO-KU SAITAMA-SHI, SAITAMA 3380002 JAPAN NATIONAL UNIVERSITY CORPORATION SAITAMA UNIVERSITY 255, SHIMO-OKUBO, SAKURA-KU SAITAMA-SHI, SAITAMA 3388570 JAPAN B. Additional name(s) & address(es) attached? ☐ Yes ☒ No		
3. A. Nature of conveyance: ☒ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other _____ B. Execution Date: <u>1 and 2) January 22, 2010</u> <u>3) January 21, 2010; 4) January 24, 2010</u>					
4. A. Patent Application No.(s) <u>12/670,953</u> B. Patent No.(s) Additional numbers attached? ☐ Yes ☒ No C. Title of Application: <u>IMAGE PROCESSING APPARATUS, METHOD AND PROGRAM</u>					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>James A. Oliff</u> Address: OLIFF & BERRIDGE, PLC P.O. Box 320850 Alexandria, VA 22320-4850 Phone Number: 703-836-6400 Fax Number: 703-836-2787			6. Total number of applications and patents involved: <u>1</u> 7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of <u>\$40.00</u> . 8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.		
9. Statement and signature. <i>To the best of my knowledge and belief the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> <u>James A. Oliff Registration No. 27,075</u> <u>Justin T. Lingard Registration No. 61,276</u> Date: <u>January 27, 2010</u>					

CH \$40.00 150461 12670953

PATENT

ASSIGNMENT (Two Assignors)

(1-4)	Insert Name(s) of Inventor(s)	(1) <u>Ryo FURUKAWA</u>	(4) <u>Tomoya ITANO</u>
		(2) <u>Hiroshi KAWASAKI</u>	(5) _____
		(3) <u>Akiniko MORISAKA</u>	(6) _____

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(9A)	Insert Name of First Assignor	(9A)	<u>TECHNO DREAM 21 CO., LTD.</u>
(10A)	Insert Address of First Assignor	(10A)	<u>V.I.P. #21, 5-10-5, Shimo-Ochiai, Chuo-ku, Saitama-shi, Saitama 3380002 Japan</u>
(9B)	Insert Name of Second Assignor	(9B)	<u>NATIONAL UNIVERSITY CORPORATION SAITAMA UNIVERSITY</u>
(10B)	Insert Address of Second Assignor	(10B)	<u>255, Shimo-ochiai, Saitama-ku, Saitama-shi, Saitama 338570 Japan</u>

(hereinafter designated as the Assignor) and Assignors herein, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuations, international, continuation, substitute and reissue application(s), and all Letters Patent, continuations, renewals and cooperation certificates that may be granted on the invention known as

(11)	Insert Identification, such as Title, Case Number or Foreign Application Number	(11)	<u>Image Processing Apparatus, Method and Program</u>
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Attorney Docket No. 144157

for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

(12)	Insert Date of Signing of Application	(12)	on _____
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(13)	Alternative Identifications for filed applications	(13)	U.S. Application Serial Number _____
		Filed	<u>January 27, 2010</u>

- Each undersigned agrees to execute all papers necessary in connection with the application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignors may deem necessary.
- Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof, or any patent or reissue application based thereon, and to cooperate with the Assignor in every way possible in obtaining evidence and going forward with such interference.
- Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or continue by renewal or reexamination a grant of a valid United States patent to the Assignor.
- Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all Letters Patents of the United States resulting from said application or any divisional, continuing or reissue applications to the said Assignor, as Assignor of the entire interest, and consents that he has full right to convey the entire interest herein assigned, and that he has not entered, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.
- Each undersigned hereby grants the firm of Oliff & Berridge, PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for examination of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	<u>Jan. 22, 2010</u>	Inventor Signature	<u>Ryo Furukawa</u>	(SEAL)
Date	<u>Jan. 22, 2010</u>	Inventor Signature	<u>Hiroshi Kawasaki</u>	(SEAL)
Date	<u>1/21/2010</u>	Inventor Signature	<u>Akiniko Morisaka</u>	(SEAL)
Date	<u>1/24/2010</u>	Inventor Signature	<u>Tomoya Itano</u>	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here.

Date	_____	Witness	_____
Date	_____	Witness	_____

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