and the contract of the contra	5 - 2006 U.S. Department of COMM. United States Patent and Trademark	
To the Director of the U.S. Patents and T. 1033	326601 Macried documents or the new address(es) below.	
Name of conveying party(ies)/Execution Date(s): Byoung Hyun YOO Soon Hung HAN	Name and address of receiving party(ies) Name: Korea Advanced Institute of Science and Technology	
Execution Date(s) 09/27/2006 Additional name of conveying party(ies) attached? Yes No	Internal Address: Street Address: 373-1, Gusung-dong, Yusong-gu,	
3. Nature of conveyance:	Street Address: 373-1, Gusung-dong, Tusong-gu,	
	City: Daejeon	
Government Interest Assignment	State:	
☐ Executive Order 9424, Confirmatory License	Country: Republic of Korea Zip: 305-701	
Other	Additional Name(s) & address(es) attached? ☐ Yes ☒ No	
11/510,255 2006 DBYRNE 00000111 1 / 510255 ₈₀₂₁ Additional numbers att	B. Patent No.(s) FINANCE OF PROCESS ached? Yes No.	
Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and patents thvolved:	
Name: John M. Janeway	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
Internal Address: Graybeal Jackson Haley, LLP	Authorized to be charged by credit card	
	Authorized to be charged to deposit account	
Street Address: 155 - 108 th Avenue N.E.	⊠ Enclosed	
Suite 350	☐ None required (government interest not affecting title)	
City: Bellevue	8. Payment Information	
State: WA Zip: 98004-5973	a. Credit Card Last 4 Numbers	
Phone Number : 425-455-5575	Expiration Date	
Fax Number: 425-455-1046	b. Deposit Account Number <u>07-1897 (for deficiencies)</u>	
Email Address: jjaneway@graybeal.com	Authorized User Name Graybeal Jackson Haley, LLP	
9. Signature :	19 October 2006	
John M. Janeway Signature	Date Total number of pages including cover	

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
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ASSIGNMENT

WHEREAS, we, YOO, Byoung Hyun and HAN, Soon Hung a citizen of the Republic of Korea with a post office address of c/o Korea Advanced Institute of Science and Technology, 373-1, Gusung-dong, Yusong-gu, Daejeon 305-701, Republic of Korea; and c/o Korea Advanced Institute of Science and Technology, 373-1, Gusung-dong, Yusong-gu, Daejeon 305-701, Republic of Korea, respectively, hereinafter generally referred to as "ASSIGNORS", have invented a certain new and useful

"IMAGE-BASED PROTRUDED DISPLACEMENT MAPPING METHOD AND BI-LAYERED DISPLACEMENT MAPPING METHOD USING THE SAME"

for which I have executed	a United States patent	application, Application N	$\sqrt{0}$. 17/510,255
filed 24 August	, 2006, and		

ASSIGNORS authorize ASSIGNEE or ASSIGNEE's representative to insert the Application Number and Filing date of this application if they are unknown at the time of execution of this Assignment.

WHEREAS, Korea Advanced Institute of Science and Technology having a place of business at 373-1, Gusung-dong, Yusong-gu, Daejeon 305-701, Republic of Korea, hereinafter generally referred to as "ASSIGNEE", is desirous of acquiring said invention and said patent application.

NOW, THEREFORE, in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged, and intending to be legally bound hereby, I, the undersigned ASSIGNORS, hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest

in and to said invention as described in the above patent application, for the territory of the United States and its possessions and territories and all foreign countries;

in and to the above patent application and any and all related United States and foreign patent applications disclosing said invention, including provisionals, non-provisionals, divisions and continuations thereof, along with all rights of priority created by said patent application under any treaty relating thereto; and

PATENT REEL: 018444 FRAME: 0825 in and to all United States and foreign patents which may be granted on any and all of said patent applications, including extensions, reissues and reexamination certificates thereof;

said invention, application(s) and patent(s) to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE'S own use and benefit, and for ASSIGNEES' legal representatives and assigns to the full end of the term or terms for which said patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the patent(s) hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

2006-9-21

DATE

2006-9-27

RECORDED: 10/23/2006

DATE

YOO, Byoung Hyun

3453

HAN, Soon Hung

PATENT

REEL: 018444 FRAME: 0826