12-13-2005

To the Honorable Commissioner of Patents and Trademark	s: Please record the attached original documents or copy the
Name of conveying party(ies): Sang Sik KIM	Name and address of receiving party(ies) Name: DongbuAnam Semiconductor, Inc. Internal Address:
Additional name(s) of conveying party(ies) 3. Nature of Conveyance: X Assignment Security Agreement Other Execution Date: December 1, 2005 4. Application number(s) or patent number(s):	Street Address: 891-10 Daechi-Dong Kangnam-Ku Seoul, Korea REPUBLIC OF KOREA City: State: Additional name(s) & Yes x address(es) attached:
If this document is being filed together with a new application, the A. Patent Application No.(s): This application	B. Patent No.(s):
Additional numbers att	ached? Yes x No
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Song K. Jung MCKENNA LONG & ALDRIDGE LLP	7. Total fee (37 CFR 3.41) \$ 40.00
Internal Address: Atty. Dkt.: 10216.009.00-US Street Address: 1900 K Street, N.W.	Enclosed Authorized to be charged to deposit action Authorized to be charged to credit card (Form 2038 enclosed)
City: State: Zip: Washington DC 20006	8. Deposit account number: 50-0911 (Attach duplicate copy of this page if paying by deposit ac
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9. Statement and signature. To the best of my knowledge and belief, the foregoing is a true copy of the original document. Mark R. Kresloff, Reg. No. 42,766 Name of Person Signing Total number of pages including cover sheet, a	December 5, 200 Signature Date attachments, and documents: 3

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Docket No.: 10216.009.00

Assignment of Application

WHEREAS,	I (WE)	Sang Sik KIM				
				, respectively,		
have invented certain new and useful improvements in:						
IMAGE SENSOR AND METHOD FOR FABRICATING THE SAME						
for which an application for Letters Patent was executed on						
(Application No.	•	, File	d), and		
WHEREAS,	DongbuAnam Semiconductor Inc.					
(hereinafter referred to as "ASSIGNEE") having a place of business at: 891-10, Daechi-Dong, Kangnam-Ku, Seoul, Korea						

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and Its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and

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enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of McKenna Long & Aldridge LLP, Attorneys at Law, 1900 K Street, N.W., Washington, D.C. 20006 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 2005. 12.1

(Signature of Inventor)
Sang Sik KIM

McKenna Long & Aldridge LLP Attorneys At Law 1900 K Street, N.W. Washington, D.C. 20006

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PATENT REEL: 017324 FRAME: 0936