10-25-2006



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(Rev. 10/02)	NIS UNL Y U.S. Patent and Trademark Office	
To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.		
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
Young-jin YOO	SAMSUNG ELECTRONICS CO., LTD.	
Ho-young LEE Du-sik PARK	416 Maetan-dong, Yeongtong-gu Suwon-si, Gyeonggi-do	
Seong-deok LEE	REPUBLIC OF KOREA	
Seung-sin LEE	γ · · · · · · · · · · · · · · · · · · ·	
Additional name(s) of conveying party(ies) attached? Yes No	11294 11/2	
3. Nature of conveyance:		
☑ Assignment ☐ Merger		
☐ Security Agreement ☐ Change of Name		
☐ Other		
Execution Date: October 11, 2006	Additional name(s) & address(es) attached? Yes No	
4. Application number(s) or patent number(s):		
If this document is being filed together with a new application, the execution date of the application is: October 11, 2006		
A. Patent Application No.(s)	B. Patent No.(s)	
Not Yet Assigned	Unknown	
Additional numbers attached? ☐ Yes ☑ No		
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:	
concerning document should be mailed:	1	
SUGHRUE MION, PLLC	7. Total fee (37 CFR 3.41): \$40.00	
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Assignment

Whereas, we, Young-jin YOO, Ho-young LEE, Du-sik PARK, Seong-deok LEE and Seung-sin LEE of Guri-si, Republic of Korea, Suwon-si, Republic of Korea, Suwon-si, Republic of Korea, Suwon-si, Republic of Korea, Suwon-si, Republic of Korea, respectively, hereinafter called assignors, have invented certain improvements in METHOD AND APPARATUS FOR REDUCING NOISE OF IMAGE SENSOR and executed an application for Letters Patent of the United States of America therefor on October 11, 2006; and

Whereas, SAMSUNG ELECTRONICS CO., LTD., 416, Maetan-dong, Yeongtong-gu, Gyeonggi-do, Suwon-si, Republic of Korea (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

	thorize and request our attorneys SUGHRUE MION, PLLC of 2100
-	, NW, Washington, DC 20037-3213 to insert here in parentheses
(Application number	and Confirmation number,
filed	the application number and filing date of said application when
known.	
Date:	October 11, 2006
	s/Young-jin YOO
Date:	677 670 October 11, 2006
	s/Ho-young LEE
Date:	673 G October 11, 2006
	s/Du-sik PARK
Date:	ol M 3 October 11, 2006
	s/Seong-deok LEE
Date:	See Ly Li October 11, 2006
	s/Seung-sin LEE

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PATENT REEL: 018443 FRAME: 0899