Form PTO-1595 1-31-92

rney Docket: 8054S-224 (CX1124US/SS)

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

SHEET

1032/000	y						
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Kim, Young-Chan	Name: SAMSUNG ELECTRONICS CO., LTD.						
Kim, Yi-Tae	Internal Address: 416, Maetan-dong,						
Additional name(s) of conveying party(ies) attached?   Yes  No	Yeongtong-gu, Suwon-si, Gyeonggi-do,						
3. Nature of conveyance:	Republic of Korea						
□ Assignment □ Merger	Additional name(s) & address(es) attached:						
☐ Security Agreement ☐ Change of Name	□ Yes 図 No						
☐ Other Correct Notice of Recordation	[						
Execution Date: January 10, 2006							
4. Application number(s) or patent number(s	): B = 5						
If this document is being filed together of the application is: <u>January 10,2006</u>	with a new application, the execution date						
A. Patent Application No.(s) 11/342,010	B. Patent No.(s)						
C. Reel/Frame: 017522/0225	D. Reason for Correction: Execution Date is incorrect						
Additional numbers a	ttached? 🗆 Yes 🖪 No						
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: $1$						
Name: Frank Chau, Esq.	7. Total fee (37 C.F.R. §3.41): \$40.00						
Street Address: F. CHAU & ASSOCIATES, LLC	■ Credit Card Payment Form PTO-2038						
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City: Woodbury State: NY Zip: 11797	Authorized to be charged to deposit account						
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9. Statement and signature.  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.  William J. Hoofe IV  Registration No. 54,183  Name of Person Signing  Total number of pages including cover sheet, attachments and documents: 3							
Mail documents to be recorded with required cover sheet information to:  DBYRNE 00000228 11342010 Commissioner for Patents  Mail Stop Assignments, PO Box 1450							

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Form PTO-1595 1-31-92	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office SHEET						
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<ul> <li>1. Name of conveying party(ies):         Young-Chan Kim, Yi-Tae Kim</li> <li>Additional name(s) of conveying party(ies) attached?</li> <li>☐ Yes 図No</li> </ul>	2. Name and address of receiving party(ies):  Name: SAMSUNG ELECTRONICS CO., LTD.  Internal Address: 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea 442-742						
3. Nature of conveyance:	Additional name(s) & address(es) attached:						
☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other ☐ Execution Date: January 11, 2006	□ Yes ⊠No OV S PTO 103 PTO 1043 U.S. PTO 1044 U.S. PTO 10						
4. Application number(s) or patent number(s):							
If this document is being filed together with a new applic January 11, 2006	cation, the execution date of the application is:						
A. Patent Application No.(s)	Patent No.(s)						
Additional numbers a	attached? □ Yes  图No						
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1						
Name: Frank Chau, Esq. Street Address: F. CHAU & ASSOCIATES, LLC 130 Woodbury Road	7. Total fee (37 C.F.R. §3.41): \$40.00  ■ Credit Card Payment Form PTO-2038 enclosed □ Authorized to be charged to deposit account  8. Deposit account number:						
City: <u>Woodbury</u> State: <u>NY</u> Zip: <u>11797</u>							
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correct and any attached copy is  William J. Hoofe  Registration No. 54,183  Name of Person Signing  Correct and any attached copy is  Signature	A 25 7 (1) (0) Date 1 roughly cover sheet, attachments and decuments: 3						
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PATENT REEL: 018161 FRAME: 0544

## **ASSIGNMENT** DOCKET NO.: 8054S-224 (CX1124US/SS)

AS A BELOW NAMED INVENTOR, I, and each of us, individually hereby declare that: IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt of which from the hereinafter named Assignee is hereby acknowledged, I do hereby sell, assign and forever grant and convey unto:

ASSIGNEE: Samsung Electronics Co., Ltd.

ADDRESS: 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, KOREA

Who is my Assignee, and to the successes and assigns of my Assignee, all my right, title and interest, in and for the United States of America and all other countries, including all rights of priority, in and to the invention entitled:

## TITLE: CMOS SENSOR ARRAY WITH A SHARED STRUCTURE

invented by me (if only one inventor is named below) or us (if more than one inventor is named below) and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment or indicates an attorney docket no. 8054S-224 (CX1124US/SS), or is more particularly identified as:

$\boxtimes$	executed on even date herewith, or									
	Serial No.	filed	in	the	U.S.	Patent	&	Trademark	Office	or
	or									
	executed on									

and in and to all United States patents which may be granted thereon and therefore, and in and to all certificates of corrections, divisions, continuations, continuations-in-part, reissued and re-examined patents, and to any extensions thereof, said interest being the entire ownership of the patent when granted, to be held and enjoyed by said **SAMSUNG ELECTRONICS CO., LTD.**, my Assignee, its successors, assigns or other legal representatives, to the full end of the term, terms, or any extension or renewal thereof, for which said patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment, sale and conveyance had not been made;

AND I hereby covenant and agree to sign and execute any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or in the preparation and prosecution of any certificate of correction, division, continuation, continuation-in-part, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee;

AND I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Patent or Patents to the Assignee, and I hereby appoint as my, or our attorney, and authorize and request <u>Frank Chau, Reg. No. 34,136</u>, to insert on this Assignment any further identification or to complete such identification which may be either necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Page 1 of 2

PATENT REEL: 018161 FRAME: 0545 IN WITNESS WHEREOF, I and we have set our hands and seals on the dates written beside my and our respective names:

**INVENTOR(S)** 

**Date Signed** 

YOUNG-CHAN KIM

2006/01/10

2) YI-TAE KIM

**RECORDED: 07/17/2006** 

2006/01/10