Form PTO-1595 1-3-92

RECORDATION FORM COVER LETTER

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof. 1. Name of conveying party(les):	PATENT	SONLY	
1. Name of conveying party(es): Young Dae LEE, Sung Duck CHUN, Myung Cheul JUNG and Sung Jun PARK 2. Additional name(s) of conveying party(les) attached? Yes No 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name John Research Agreement Change of Name John Research Agreement Change of Name Additional name(s) & address(es) attached? Yes No Execution Date(s): October 15, 2008 Additional name(s) & address(es) attached? Yes No Execution Date(s): October 15, 2008 Application number(s) or patent number(e): This document is being filed together with a new application. A Parent Application No.(s) 12/278,566 B. Patent No.(s) N/A Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document abdulb te maked: 1] JONATHAN Y, KANG, ESQ. LEE HONG DEGERMAN, KANG & WAIMEY At the address associated with Customer No. 55884 Phone: (213) 923-2211 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document, (HARRY S, LEE, HERG, No. 56.814 Date: December 1, 2008 OMB No. 0551-0011 (sep. 499). Mail documents to be recorded with required cover sheet information to: Mail Stop Assignment Recordation Services Director of the U.S. Patent and Trademark Office		Attorney Docket No.: 2101-3548	
Young Dae LEE, Sung Duck CHUN, Myung Cheul JUNG and Sung Jun PARK 2. Additional name(s) of conveying party(tes) attached?	To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.		
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Neture of conveyance: Assignment Merger Security Agreement Change of Name Joint Research Agreement Executive Order 8424, Confirmatory License Other Execution Date(s): October 15, 2008 Additional name(s) & address(es) attached? Yes No	2. Additional name(s) of conveying party(les) attached? ☐ Yes ☒ No	20, Yoido-dong, Youngdungpo-gu	
Assignment Merger Security Agreement Change of Name Joint Research Agreement Change of Name Additional name(s) & address(es) attached? Yes No		Seoul, Korea	
Security Agreement			
Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Other			
Government Interest Assignment Executive Order 9424, Confirmatory License Additional name(s) & address(es) attached? Yes No		['	
Executive Order 9424, Confirmatory License Additional name(s) & address(es) attached? Yes No			
Other			
Execution Date(s): October 15, 2008 4. Application number(s) or patent number(s):			
4. Application number(s) or patent number(s): ☐ This document is being filed together with a new application. A. Patent Application No.(s): 12/278,566 B. Patent No.(s): N/A Additional numbers attached? ☐ Yes ☑ No 5. Name and address of party to whom correspondence concerning document should be mailed: JONATHAN Y. KANG, ESQ. LEE, HONG, DEGERMAN, KANG & WAIMEY At the address associated with Customer No. 35884 Phone: (213) 623-2221 Fax: (213) 623-2221 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and bellef, the foregoing is true and correct and any attached copy is a true copy of the original document, HARRY S. LEE/ HARRY S. LEE, REG. No. 56.814 Date: December 1, 2008 Mail Stop Assignment Recordation Services		Additional name(s) & address(es) attached? Yes No	
A. Patent Application No.(s) 12/278,556 B. Patent No.(s) N/A Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: JONATHAN Y. KANG, ESQ. LEE, HONG, DEGERMAN, KANG & WAIMEY At the address associated with Customer No. 35884 Phone: (213) 623-2221 Fax: (213) 623-2221 B. Deposit account number: 502290 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document. (HARRY S. LEE/ Date: December 1, 2008) OMB No. 0551-0011 (exp. 4/94) Mail documents to be recorded with required cover sheet information to: Mail Stop Assignment Recordation Services Director of the U.S. Patent and Trademark Office	Execution Date(s): October 15, 2008		
Additional numbers attached?	4. Application number(s) or patent number(s): This document is being filed together with a new application.		
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Statement and signature. To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document. Company Company	Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: [1]	
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Alexandria, VA 22313-1450			

PATENT

REEL: 021909 FRAME: 0104

Attorney Docket No. 2101-3548

ASSIGNMENT

(1-8)	Insert Name(s) of
	Inventor(s)

- YOUNG DAE LEE
- (5)
- SUNG DUCK CHUN
- (6)
- MYUNG CHEUL JUNG
- (7)
- SUNG JUN PARK
 - (8) In consideration of the sum of one dollar (\$1.00) and other good and

valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

- Insert name of Assignee
- LG ELECTRONICS INC.
- Insert state of Incorporation of Assignee
- (10) Korea
- (11) Insert address of Assignee
- (11) 20 Yoido-dong, Youngdungpo-gu, Seoul, 150-010, Korea

(hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as

(12) Insert identification of Invention, such as Title, Case Number or Foreign Application Number

(12) METHOD FOR TRANSMITTING RESPONSE INFORMATION IN MOBILE COMMUNICATIONS SYSTEM (Application No. 12/278,566)

for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.

Insert Date of Signing of Application

October 15, 2008

- The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- The undersigned agree(s) 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.
- The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby coverants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith.

The undersigned hereby appoints the Attorneys associated with Customer No. 035884 the power to insert on this assignment any further identification 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: 15/16/2008

Signature of Inventor

Date: 15/10/2008

Signature of Inventor

Date: 15/16/2068

Signature of Inventor

Date: 15/10/2003

Signature of Inventor

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