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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

PAIEN	Attorney Docket No.: 2101-3599
To the Assistant Commissioner for Patents: Please r	scord the attached original documents or copy thereof.
Name of conveying party(ies):     Ji Wook CHUNG, Min Seok OH, Ki Hyoung CHO, Ji Ae SEOK,     Young Seob LEE and So Yeon KIM     Additional name(s) of conveying party(les) attached?	Name and address of receiving party(les):  LG ELECTRONICS INC.  20, Yoldo-dong, Youngdungpo-gu
3. Nature of conveyance:  Assignment	Seoul, Korea  Additional name(s) & address(es) attached? □ Yes ☒ No
	cument is being filed together with a new application.  B. Patent No.(s) N/A
Additional numbers attr	ached? 🗌 Yes 🗵 No
<ol> <li>Name and address of party to whom correspondence concerning document should be mailed:</li> </ol>	6. Total number of applications and patents involved: [ 1 ]
JONATHAN Y. KANG, ESQ. LEE, HONG, DEGERMAN, KANG & WAIMEY At the address associated with Customer No. 35884 Phone: (213) 823-2221	7. Total fee (37 CFR 3.41) \$40  ☐ Enclosed ☑ Authorized to be charged to deposit account
Fax: (213) 623-2211	Deposit account number: 502290  (Attach duplicate copy of this page if paying by deposit account)
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9. Statement and signature.	
To the best of my knowledge and belief, the foregoing is true and con	pate: July 6, 2009
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Mail documents to be recorded with required cover sheet in Mail Stop Assignme Director of the U.S. Pa	nformation to: ent Recordation Services stent and Trademark Office Box 1450 , VA 22313-1450

**PATENT** 

REEL: 022914 FRAME: 0401

## Attorney Docket No. 2101-3599

## ASSIGNMENT

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

- (1) JI WOOK CHUNG
- (5) YOUNG SEOB LEE
- (2) MIN SECK OH

(6) SO YEON KIM

(3) KI HYOUNG CHO

(7)

(4) JI AE SEOK

(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

- (9) Insert name of Assignee
- (9) LG ELECTRONICS INC.
- (10) 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 OF ENCODING/DECODING USING LOW DENSITY CHECK MATRIX (Application No. 12/304,992)

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

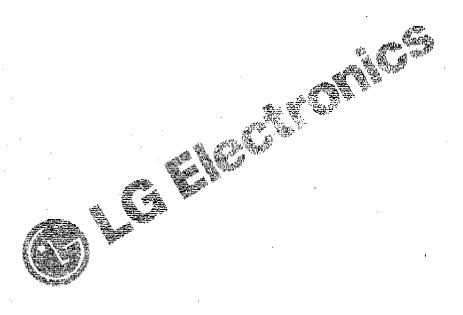
(13) Insert Date of Signing of Application 13) June 9 2009

- 1) The undersigned agree (s) to execute all papers necessary in connection with any original, reissue, divisional and continuous 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.
- 2) 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.
- 3) 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.
- 4) 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.
- 5) 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 covenants 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.

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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.

	2009. 6.9	Signature of Inventor J. Work Chung.	
Date:	500 P. 6. f	Signature of Inventor MZW-SZOE OF	
	2009.6.9	Signature of Inventor 70/86	
Date:	2009 6 9	Signature of Inventor	
Date:	2009.6.9	Signature of Inventor b) % 1	
Date:	2009.69	Signature of Inventor	



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