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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

	1031	Attorney Docket No.: 2080-3495		
To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.				
1. 2. 3.	Name of conveying party(ies): Jung Woong Moon Additional name(s) of conveying party(s) attached? ☐ Yes ☒ No Nature of conveyance: ☒ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name	2. Name and address of receiving party(ies): LG ELECTRONICS INC. 20, Yoido-dong, Youngdungpo-gu Seoul, Korea OLG S. O.		
	Other Execution Date: February 16, 2006	Additional name(s) & address(es) attached? Yes No		
4.	Application number(s) or patent number(s): FILED HEREWITH If this document is being filed together with a new application, the execut. A. Patent Application No.(s) N/A Additional numbers attack	B. Patent No.(s)		
	Additional numbers area	ned: 163 24 NO		
5.	Name and address of party to whom correspondence concerning document should be mailed: JONATHAN Y. KANG, ESQ. LEE, HONG, DEGERMAN, KANG & SCHMADEKA 801 S. Figueroa Street 14 th Floor Los Angeles, CA 90017	6. Total number of applications and patents involved: [1] 7. Total fee (37 CFR 3.41) \$40 ☐ Enclosed ☐ Authorized to be charged to deposit account 8. 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. RICHARD C. SALFELDER, REG. NO. 51,127 Date: February 17, 2006				
OMB No. 0651-0011 (exp. 4/94) Mail documents to be recorded with required cover sheet information to:				

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ASSIGNMENT

(1-8)	Insert Name(s) of Inventor(s	s) (1)	MOON, Jung Woong (5)	
		(2)	(6)	
		(3)	. (7)	
		(4)	(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 Assignee	of (10)	Republic of Korea	
(11)	Insert address of Assignee 20, Yoldo-dong, Youngdungpo-gu, Seoul 150-875,		Yoido-dong, Youngdungpo-gu, Seoul 150-875,	
			reinafter designated as the Assignee) the entire worldwide right, title and interest in invention known as	
(12)	Insert identification of Invent such as Title, Case Number Foreign Application Number	or	REFERENCE VOLTAGE DRIVING CIRCUIT AND PIPELINED ANALOG TO DIGITAL CONVERTER INCLUDING SAME	
			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.	
(13)	Insert Date of Signing of Application	(13)	February 16, 2006	
and d	continuing United States ar	nd foreign	to execute all papers necessary in connection with any original, reissue, divisional applications for the above-identified invention and also to execute separate lons as the Assignee may deem necessary or expedient.	
declai	The undersigned red concerning this application aining evidence and going for a second poing for a second point	n or continu	to execute all papers necessary in connection with any interference which may be uation or division thereof and to cooperate with the Assignee in every way possible such interference.	
in co n	The undersigned inection with claims or provisions.	l agree(s) to ons of the li	o execute all papers and documents and perform any act which may be necessary 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. The undersigned hereby appoints JONATHAN Y. KANG, REG. NO. 38,199; F. JASON FAR-HADIAN, REG. NO. 42,523; AMIT S. SHETH, REG. NO. 50,176; RICHARD C. SALFELDER, REG. NO. 51,127; LEW EDWARD V. MACAPAGAL, REG. NO. 55,416; ROBERT E. KASODY, REG. NO. 50,268				
	the power to insert on this with the rules of the United	assignmen d States Pa	nt any further identification which may be necessary or desirable in order to comply atent and Trademark Office for recordation of this document.	
Date:			nventor VMOON, Jung Woong	
Date:			nventor	
Date:	Sig	nature of In	nventor	
Date:	Sig	nature of In	nventor	

PATENT REEL: 017579 FRAME: 0707

RECORDED: 02/17/2006