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102946733 — Attorney Docket No.: 2080-3							
To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.							
Name of conveying party(ies):	Name and address of receiving party(ies): O						
2. Eun Pyo Lee, Gun Jae Koo	LG ELECTRONICS INC. 20, Yoido-dong, Youngdungpo-gu Seoul, Korea						
3. Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No							
3. Nature of conveyance:							
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☐ Security Agreement ☐ Change of Name							
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Execution Date: February 3, 3005	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 execu	ution date of the application is: February 3, 3005						
A. Patent Application No.(s) N/A	B. Patent No.(s)						
Additional numbers attached? Yes No							
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved: [1]						
	7. Total fee (37 CFR 3.41) \$40						
JONATHAN Y. KANG, ESQ. LEE, HONG, DEGERMAN, KANG & SCHMADEKA	⊠ Enclosed						
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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.							
ROBERT E. KASODY, REG. NO. 50,268 Date: February 9, 2005							
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PATENT REEL: 016271 FRAME: 0451

Attorney Docket No.: 2080-3345

ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)			un Pyo LEE un Jae KOO	(5) (6) (7) (8)		
		()	considerations paid to) and other good and valuable d, the undersigned agree(s) to 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, Young	dungpo-Ku		
			Seoul 150-010, Korea			
		•	inafter designated as the	e Assignee) the entire wo	rldwide right, title and interest in	
(12)	Insert identification of Invention,	(12)	(12)			
	such as Title, Case Number or Foreign Application Number		FREQUENCY DETECTION METHOD FOR OPTICAL DISC BIT DATA REPRODUCTION APPARATUS			
			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)				
	The undersigned agr continuing United States and forments in connection with such agreement.	preign a	applications for the ab	ove-identified invention		
declar in obta	The undersigned agreed concerning this application or aining evidence and going forward.	continu	ation or division thereof	essary in connection with and to cooperate with the	any interference which may be Assignee in every way possible	
in con	The undersigned agr nection with claims or provisions				any act which may be necessary Property or similar agreements.	
United	4) The undersigned agr d States patent to the Assignee.	ree(s) to	perform all affirmative	acts which may be neces	sary to obtain a grant of a valid	
said A intere: The u AMIT	5) The undersigned her ts of the United States resulting assignee, as Assignee of the ent st herein assigned, and that he handersigned hereby appoints JCS. SHETH, REG. NO. 50,176; RI6; ROBERT E. KASODY, REG. N	from sai ire inter as (they DNATH/ CHARD	id application or any div est, and hereby covena have) not executed any AN Y. KANG, REG. NO. C. SALFELDER, REG.	ision or divisions or continuts that he has (they have agreement in conflict her 38,199; F. JASON FAR-I-	re) full right to convey the entire ewith. HADIAN, REG. NO. 42,523;	
	the power to insert on this ass with the rules of the United Sta				y or desirable in order to comply ocument.	
Date:	2005, 2.3. Signatu	ire of In	ventor Eun Pyo LEE			
Date:	2001.2.3 Signatu	ire of In	ventor Gun Jae KOO	Jul-		
Date:	Signatu	ire of In	ventor	<u> </u>		
Date:	Signatu	ire of In	ventor			

RECORDED: 02/09/2005

PATENT REEL: 016271 FRAME: 0452