02-08-2005

FORM PTO-1596 U.S. DEPARTMENT OF COMMERCE 1-31-92 Patent and Trademark Office DOCKET NO.: HI-0225 102935007 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or confereto: 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Yang Hoon KIM Name: LG Electronics Inc. Internal Address: Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: ☐ Merger Street Address: 20, Yoido-dong, Youngdungpo-gu ☐ Security Agreement ☐ Change of Name City: Seoul Other State/Country: Korea ZIP: Additional name(s) & address(es) attached? Yes No Execution Date: January 3, 2005 4. Application number(s) or patent number(s): If the document is being filed together with a new application, the execution date of the application is: January 3, 2005 B. Patent No(s) A. Patent Application No(s). Filed: Additional numbers attached? Yes No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document shouldbe mailed: Name: FLESHNER & KIM, LLP 7. Total fee (37 C.F.R. 3.41)..... \$40.00 Internal Address: Enclosed (Check No. 14518) Authorized to be charged to deposit account (if necessary) Street Address: P. O. Box 221200 8. Deposit account number: 16-0607 ZIP: 20153-1200 City: Chantilly State: VA DO NOT USE THIS SPACE 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. Carol L. Druzbick, Reg No. 40,287 January 27, 2005 Name and Registration No. of Person Signing Date Total number of pages including cover sheet: 2

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CMB No. 0851-0011 (exp. 4/94)

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Do	eket No.:		
		ASSIGNMENT	
here	In consideration of the premises and other by acknowledged, the undersigned,	good and valuable consideration	in hand paid, the receipt and sufficiency of which i
(1)	Yang Hoon KIM	(4)	
(2)		(5)	
(3)		(6)	
who	have made a certain new and useful invention, here	by sell, assign and transfer unto	
LG	Electronics, Inc.		
20	Yoido-dong, Yongdungpo-gu		
Seo	uł. Korea		
	uccessors and assigns (hereinafter designated "ASSI- J.S.C. 100 in the invention entitled	GNEE") the entire right, title and	l interest for the United States of America as defined in
AI	PPARATUS AND METHOD FO	OR CONTROLLING	FAN OPERATION
(a)	for which an application for United States Letters Pa	atent was filed on	, and identified by United States Serial No; o
(p)	for which an application for United States Letters Pa	atent was executed on	
Lett rene Con	ers Patent which may be granted therefor and/or wals, continuations, or continuations-in-part thereo	that claim priority thereto and in of and/or that claim priority there to the said ASSIGNEE, for its in	tents and Trademarks to issue any and all United State any and all extensions, divisions, reissues, substitutes to, and the right to all benefits under the International terest as ASSIGNEE, its successors, assigns and legal hereafter act on behalf of said ASSIGNEE;
assig grov	tining original, divisional, reissued or extended Let gus and legal representatives, and without further t	ters Patent of the United States, remuneration, in and to any impo secute any papers by the said ASSI	all necessary assistance in making application for and upon request of the said ASSIGNEE, its successors rovements, and applications for patent based thereon IGNEE, its successors, assigns and legal representative ransferred.
			P the power to insert on this assignment any furthe ssuing authority, including the United States Patent and
SIG	NED on the dates indicated aside our signatures:		
	INVENTORS		DATE SIGNED
1)	in Junglan		January 3, 2005
	Name:Yang Hoon KIM		
2)	Name:		
3)			
,	Name:		
4)	Name:		
5)			
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6)	Nome		
Б.	Name:		
U	ocket No.:		

RECORDED: 01/27/2005

PATENT REEL: 016225 FRAME: 0283