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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto: 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Yeun Ho YOO, Jun Yeong YOO. Jung Won KANG and LG Electronics Inc. Jeong Pil CHOI Internal Address: Additional name(s) of conveying party(ies) attached? Yes X No 3. Nature of conveyance: X Assignment Street Address: 20, Yoido-dong, Youngdungpo-ku Merger Security Agreement Change of Name City: Seoul State/Country: KOREA ZIP: Other Execution Date: July 21, 1999 Additional name(s) & address(es) attached? Yes X No 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: July 21, 1999 A. Patent Application No(s).: B. Patent No(s) Filed: Additional numbers attached? Yes X No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: FLESHNER & KIM 7. Total fee (37 C.F.R. 3.41)..... \$40.00 Internal Address: X Enclosed (Check No. 7406) Authorized to be charged to deposit account Street Address: P. O. Box 221200 8. Deposit account number: 16-0607 City: Chantilly State: VA ZIP: 20153-1200 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is the and correct and any attached copy is a true copy of the original document. Daniel Y.J. Kim, Reg. No. 36,186 July 27, 1999 Name and Registration No. of Person Signing Signature Date Total number of pages comprising cover sheet: 2 CMB No. 0851-0011 (exp. 4/94)

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Docket No.:	
ASSIGNMENT	
In consideration of the premises and other good and valuable conside undersigned,	eration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the
(i) YOO, Yeun Ho	(4) CHOI, Jeong Pil
YOO, Jun Yeong	
(2) YOO, Jun Yeong (3) KANG, Jung Won	(6)
who have made a certain new and useful invention, hereby sell, assign and tra	
20, Yoido-dong, Youngdungpo-ku, S	eoul, Korea
invention entitled	FREQUENCY AND METHOD AND APPARATUS
	, and identified by United States Serial No.
(b) for which an application for United States Letters Patent was executed o	n,
may be granted therefor and any and all extensions, divisions, reissues, substitut	oner of Patents and Trademarks to issue any and all United States Letters Patent which tes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits y to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and lega plication shall hereafter act on behalf of said ASSIGNEE;
divisional, reissued or extended Letters Patent of the United States, upon reques further remuneration, in and to any improvements, and applications for patent	nd to render all necessary assistance in making application for and obtaining original est of the said ASSIGNEE, its successors, assigns and legal representatives, and without based thereon, growing out of or related to the said invention; and to execute any paper emed essential to ASSIGNEE's full protection and title in and to the invention hereby
SIGNED on the dates indicated aside our signatures: INVENTORS	DATE SIGNED
Name: YOO, Yeun Ho	July 21, 1999
Name: YOO, Jun Yeong	July 21, 1999
Name: KANG, Jung Won	July 21, 1999
4) Name: CHOI, Jeong Pil	July 21, 1999

5) _____ Name:

6) ____