FORM PTO-1596

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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

**DOCKET NO.:** P-0280 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): Name: LG Electronics Inc. Jung-Hwan KIM Internal Address: Additional name(s) of conveying party(ies) attached? 3. Nature of conveyance: Street Address: 20, Yoido-Dong, Yongdungpo-Ku X Assignment Change of Name City: Seoul Security Agreement State/Country: KOREA ZIP: Other Execution Date: December 26, 2001 Additional name(s) & address(es) attached? X No Yes 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: December 26, 2001 A. Patent Application No(s).: 10029279 B. Patent No(s) Additional numbers attached? Yes X No 6. Total number of applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 C.F.R. 3.41)..... \$40.00 Name: FLESHNER & KIM, LLP X Enclosed (Check No. 1850) Internal Address: Authorized to be charged to deposit account 8. Deposit account number: Street Address: P. O. Box 221200 16-0607 ZIP: 20153-1200 State: VA City: Chantilly DO NOT USE THIS SPACE To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of 9. Statement and signature. the original document. December 28, 2001 Anthony H. Nourse, Reg. No. 46,121 nature Name and Registration No. of Person Signing Total number of pages including cover sheet: 2

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

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**PATENT** REEL: 012414 FRAME: 0196

## ASSIGNMENT

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(b) for which an application for United States Letters Patent was executed on Deard the undersigned hereby anthorize and request the United States Commissioner of Patent which may be granted therefor and for that claim priority thereto and any commissions, or continuations-in-part thereof, and/or that claim priority thereto, and the reprotection of Industrial Property to the taid ASSIGNEE, for its interest at ASSIGNEE, in igree that the attorneys of record in taid application shall hereafter act on behalf of the AND the undersigned hereby agree to transfer a like interest, and to render all ariginal, divisional, reissued or extended Letters Patent of the United States, upon requestpresentatives, and without further remainstration, in and to any improvements, and applicate application and to execute any papers by the taid ASSIGNEE, its successors, assign for the understinding and to execute any papers by the taid ASSIGNEE, its successors, assign for protection and title in and to the invention hereby transferred.  IGNED on the dates indicated aside our signatures:  INVENTORS  Name: Jung-Hwan RIM  Name:	
(b) for which an application for United States Letters Patent was executed on Deard the undersigned hereby anthorize and request the United States Commissioner of Patent which may be granted therefor and for that claim priority thereto and any commissions, or continuations-in-part thereof, and/or that claim priority thereto, and the reprotection of Industrial Property to the taid ASSIGNEE, for its interest at ASSIGNEE, in igree that the attorneys of record in taid application shall hereafter act on behalf of the AND the undersigned hereby agree to transfer a like interest, and to render all ariginal, divisional, reissued or extended Letters Patent of the United States, upon requestpresentatives, and without further remainstration, in and to any improvements, and applicate application and to execute any papers by the taid ASSIGNEE, its successors, assign for the understinding and to execute any papers by the taid ASSIGNEE, its successors, assign for protection and title in and to the invention hereby transferred.  IGNED on the dates indicated aside our signatures:  INVENTORS  Name: Jung-Hwan RIM  Name:	and identified by Finited States Sanial No.
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Parent which may be granted therefor and for that claim priority thereto and any continuations, or continuations in-part thereof, and/or that claim priority thereto, and the representation of Industrial Property to the said ASSIGNEE, for its interest at ASSIGNEE, in gree that the attorneys of record in said application shall hereafter act on behalf of said application and the undersigned hereby agree to transfer a like interest, and to render all ariginal, divisional, reissued or extended Letters Patent of the United States, upon requestives, and without further remuneration, in and to any improvements, and applicate raid invention; and to execute any papers by the said ASSIGNEE, its successors, assign all protection and title in and to the invention hereby transferred.  IGNED on the dates indicated aside our signatures:  INVENTORS  Name: Jung Hwan KIM  Name:	201
he said invention; and to exercise any papers by the taid ASSICINEE, its successors, assignable protection and title in and to the invention hereby transferred.  IGNED on the dates indicated aside our signatures:  INVENTORS  Name: Jung-Hwan KIM  Name:	s successors, assigns and legal representatives; the undersigned id ASSIGNEE;  necessary assistance in making application for and obtaining et of the vaid ASSIGNEE, its successors, assigns and legal
Name: Jung-Hwan KIM  Name:  Nume:	and legal representatives, deemed essential to ASSIGNEE's
Name: Jung-Hwan KIM  Name:  Nume:	DATE SIGNED
Nume:	2001. 12.26
Name:	
Name:	

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**RECORDED: 12/28/2001**