07-13-2000

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	oner of Patents and Trademarks: iginal documents or copy thereof.
Please record the attached or 1. Name of conveying party(ies):  Ki Hyuk KIM  Additional name(s) of conveying party(ies) attached?  YES NO  3. Nature of conveyance:  Assignment Merger  Security Agreement Change of Name  Other:  Other:  Date: May 29, 2000  4. Application number(s) or patent number(s):  If this document is being filed together with a new application,	2. Name and address of receiving party(ies)  Name: LG Electronics Inc.  Internal Address:  Street Address: 20 Yoido-dong, Youngdur gpo-gu  City: Seoul State: ZIP  Country: Korea Postal Code:  Additional name(s) & address(es) attached? ☐ YES ☒ NO  the execution date of the application is:
A. Patent Application No(s).  29/124,217  Additional numbers atta	B. Patent No.(s).
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP  Street Address: P.O. BOX 747  City: FALLS CHURCH State: VA ZIP: 22040-0747  Country: USA	6. Total No. of applications/patents involved: one (1)  7. Total fee (37 C.F.R. § 3.41): \$40.00  Enclosed  Authorized to be charged to deposit account, if no fee attached.  8. Deposit account number: 02-2448  (Attach triplicate copy of this page if paying by deposit account)
DO NOT US	SE THIS SPACE
9. Statement and signature.  To the best of my knowledge and belief, the foregoing copy of the original document.  Terry L. Clark, #32,644  Name of Person Signing/Reg. No.	information is true and correct and any attached copy is a true  38604  June 15, 2000  Signature  Date
Total number of pages including cover s	sheet, attachments, and document: three (3)

(Rev. 04/19/2000)

**PATENT** 

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## BIRCH, STEWART, KOLASCH & BIRCH, LLP

## United States Patent Rights, or United States Plus All Foreign Patent Rights

ATTC	RNEY DOCKET NO.
63	0-1081P

## **ASSIGNMENT**

	Application No. 29/124,217 Filed	06/02/2000
Insert Name(s) of Inventor(s)	→ WHEREAS, Ki Hyuk KIM	
Insert Title of Invention	(hereinafter designated as the undersigned) has (have) invented certain new and useful improvement of the in	ements in
	for which an application for Letters Patent of the United States of America has been executed be (except in the case of a provisional application).	by the undersigned
Insert Date of Signing of Application	→ onMay 29, 2000	; and
Insert Name of Assignee	→ WHEREAS, LG Electronics Inc.	
Insert Address of Assignee	➡ of 20, Yoido dong, Yongdungpo-gu, Seoul, Korea	
CHECK BOX ff appropriate	its heirs, successors, legal representatives and assigns (hereinafter designated as the Assign acquiring the entire right, title and interest in and to said invention and in and to any Letter may be granted therefor in the United States of America and  in any and all foreign countries.	
	NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the und paid, the receipt of which is hereby acknowledged, and other good and valuable consideration has (have) sold, assigned and transferred, and by these presents does sell, assign and to Assignee the full and exclusive right to the said invention in the United States of America dependencies and possessions and the entire right, title and interest in and to any and all which may be granted therefor in the United States of America, its territories, dependencies and if the box above is designated, in any and all foreign countries;	, the undersigned ransfer unto said ca, its territories, Letters Patent(s)
	and to any and all divisions, reissues, continuations, conversions and extensions thereof for terms for which the same may be granted.	r the full term or

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The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assigned, as Assigned of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date .	May 29, 2000	Name of Inventor Ki Hyuk KIM Ki Hyuk Kim	<del>/ V.I</del>
		(signature)	
Date	,	Name of Inventor(signature)	
		(signature)	
Date	,	Name of Inventor(signature)	
_			
Date,	Name of Inventor(signature)		
Date		Name of Inventor	
	,	(signature)	
Date		Name of Inventor	
		(signature)	

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**RECORDED: 06/15/2000**