Atty. Docket No.: 0465-0846P

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To the Please real 101820	Frademarks: Copy thereof.	29102
1. Name of conveying party(ies): CHO, Sung Ho Additional name(s) of conveying party(ies) attached? YES NO 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other:	2. Name	de:
Execution Date: July 9, 2001 4. Application number(s) or patent number(s): If this document is being filed together with a new application, to	1939/02 the execution date of the application is: July 9, 20	01
A. Patent Application No(s). NEW	B. Patent No.(s).	
Additional numbers atta 5. Name and address of party to whom correspondence concerning document should be mailed: Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP	ched? YES NO 6. Total No. of applications/patents involved: 7. Total fee (37 C.F.R. § 3.41): \$40.00 Enclosed	ONE (1)
Street Address: P.O. BOX 747 City: FALLS CHURCH State: VA ZIP: 22040-0747	Authorized to be charged to deposit accountif no fee attached.	nt,
Country: USA	8. Deposit account number: 02-2448 (Attach triplicate copy of this pair if paying by deposit account)	
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9. Statement and signature. To the best of my knowledge and belief, the foregoing copy of the original document. Joseph A. Kolasch, #22,463 Name of Person Signing/Reg. Ng.	in Dea Augus	copy is a tru t 15, 2001 Date
Total number of pages including cover she	eet, attachments, and document: THREE (3)	
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PATENT

REEL: 012082 FRAME: 0897

BIRCH	, STEWART, KOLAS	SCH & BIRCH, LLP
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ASSIGNMENT

		Application No	NEW	Filed	August	15, 20
insert Name(s)	-	whereas,	Sung He CHO			
of Inventox(s)		, ·				•
						
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		for which an applica	tion for Launtz Frienz of the Univ	ed States of America has been executed	by the undersi	gued
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of Signing of Application		on July 9,	2001		i	
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losert Name of Assignee	-	WHEREAS,	LG Electronics Inc.			
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Insert Address		20. Voido-di	ong, Youngdungpo-gu, Secul	Kores	•	
of Assignee		et				
			Local contract time and contra	ns (hereinafter designated as the Assi	mael is desire	wie of
		acquiring the end	s, legal representances out amy re right, title and interest in and erefor in the United States of An	to said invention and in and to any L	com Patent(s) chat
CHECK BOX 15 APPROPRIATE		may be granted to		or's the same	•	
•		naid, the receipt of	which is hereby acknowledged, as	sum of Ten Dollars (\$10.00) to the unit other good and valuable considered	on, the unders	igned.
		Assistance the full	and exclusive right to the said a	these presents does sell, seign and evention in the United States of Aso	erica, its territ	tories,
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PATENT

REEL: 012082 FRAME: 0898

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate antiguments in connection with such applications as the Assigner 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 or reissue thereof or Letter Palent(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 Projection 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 Assignce and to vest all rights therein hereby conveyed to said Assignce 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 or reissue applications thereof to the said Assignee, as Assignee 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 my 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 whereaf, executed by the undersigned on the date (s) opposite the undersigned name(s).

Date,	Name of Inventor		;
July 9, 2001	Sung He CHO	(signature)	
Date,	Name of Inventor		1
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Date,	Name of Inventor		
•		(signature)	
Date,	Name of Inventor		•
•		(zignature)	
Date	Name of Inventor		•
		(signature)	-
Date,	Name of Inventor		
	•	(signature)	

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