U.S. PTO 11/702170

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Form PTO-1595 (Rev. 03-05)
OMB No. 0651-0027 (exp. 6/30/2005)

103375569 **PATENTS ONLY** 

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Jae-Seung SONG (1/26/2007), Kyung-Ae YOON	Name: LG Electronics Inc.	
(1/26/2007), Mi-Seon RA (1/26/2007), Hyun-Sook KIM (1/26/2007), and		
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Security Agreement Joint Research Agreement	City: Seoul	
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Executive Order 9424, Confirmatory License	Country: Republic of Korea Zip:	
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4. Application or patent number(s):  A. Patent Application No.(s)	This document is being filed together with a new application.	
NEW	B. Patent No.(s)	
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Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Esther H. Chong		
BIRCH, STEWART, KOLASCH & BIRCH,		
LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
Internal Address: Atty. Dkt.: 0630-2961PUS3	Authorized to be charged by credit card	
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City: Falls Church	8. Payment Information	
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Form PTO-1595		OATION FORM COVER SHEET (CONTINUED)	
		ution Date(s) (1. Continued):	
Hede PATRICE (1/26	5/2007)		
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Docket No.: 0630-2961PUS3

## BIRCH, STEWART, KOLASCH & BIRCH, LLP

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## **ASSIGNMENT**

	Application No. NEW		Filed 2/5/07
Insert Name(s) of Inventor(s)		en Name FAMILY NAME (ALL CA	PS))***
	WHEREAS,	Jae-Seung SONG	; Kyung-Ae YOON
1	Mi-Seon RA	Hyun-Sook KIM	PATRICE, Hede
		<u> </u>	
			•
Insert Title <sup>MBTI</sup> of <b>Inve</b> ntion	-	- , , ,	certain new and useful improvements in ORK AND TERMINAL AND NETWORK SERVER THERE
		r Letters Patent of the United States case of a provisional application).	s of America has been executed by the
Insert Date of Signing of Application	onJan	uary 26, 2007	; and
Insert Name of Assignee	WHEREAS,	LG ELECTRONICS INC.	
Insert Address of Assignee	of	oido-Dong, Yongdungpo-G	Gu, Seoul, Korea
CHECK BOX	desirous of acquiring the c Letters Patent(s) that may b in any foreign countries	entire right, title and interest in and e granted therefor in the United State	nafter designated as the Assignee) is d to said invention and in and to any es of America and
F APPROPRIATE	NOW, THEREFORE, in copaid, the receipt of which undersigned has (have) so transfer unto said Assigne America, its territories, depany and all Letters Patent	is hereby acknowledged, and other ld, assigned and transferred, and be the full and exclusive right to the pendencies and possessions and the (s) which may be granted therefor	ars (\$10.00) to the undersigned in hand good and valuable consideration, the y these presents does sell, assign and e said invention in the United States of entire right, title and interest in and to in the United States of America, its e is designated, in any and all foreign
	and to any and all division term or terms for which the		ons and extensions thereof for the full

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PATENT REEL: 018953 FRAME: 0778 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 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.

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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 JAN. 16. 1007	Name of Inventor Jue Seung SONG (signature) Jae-Seung SONG
Date JAN. 26. 2009	Name of Inventor Kyung-Ae Yoon (signature) Kyung-Ae YOON
Date 16, JAN, 2007	Name of Inventor (signature) Mi-Seon RA
Date	Name of Inventor Hyun-Sook KIM (signature) Hyun-Sook KIM
Date	Name of Inventor Patrice Hede  (signature) PATRICE, Hede
Date,	Name of Inventor(signature)

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**RECORDED: 02/05/2007**