PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Young In KIM	05/10/2010
Chu Hyun SEO	05/10/2010
Sang O PARK	05/10/2010
Seung Won KIM	06/30/2010

RECEIVING PARTY DATA

Name:	LG Electronics Inc.	
Street Address:	20, Yeouido-dong, Yeongdeungpo-gu	
City:	Seoul	
State/Country:	REPUBLIC OF KOREA	
Postal Code:	150-721	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12303766

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	20211-0128US1
NAME OF SUBMITTER:	Sharon M. Allen

Total Attachments: 3

PATENT REEL: 024637 FRAME: 0512 **12303 12303**

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PATENT REEL: 024637 FRAME: 0513 Attorney's Docket No.: 20211-0128US1 / OPP-2007-0520-US (LG: 07FDTV093US03)

ASSIGNMENT

For valuable consideration, we, **YOUNG IN KIM** of 101-102 Brown-Stone Gwanak Apt. 1721, Bongcheon 2-dong Gwanak-gu, Seoul, 151-052 Korea, CHU HYUN SEO of 205-1706 Jugong 2-cha Apt. Sillim 10(sip)-dong, 201-206 Gwanak-gu, Seoul, 151-794 Korea, SANG O PARK of 101-101 Jindo9ApL 935, Mok-l-dong Yangcbeon-gu, Seoul, 158-821 Korea, SEUNG WON KIM of 20, Yoido-dong, Youngdungpo-gu, Seoul, 150-010 Korea, hereby assign to: LG Electronics Inc., a corporation of Republic of Korea having a place of business at: 20, Yeouido-dong, Yeongdeungpo-gu, Seoul, 150-721 Republic of Korea; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled <u>METHOD AND APPARATUS FOR</u> PROVIDING AND USING PUBLIC TRANSPORTATION INFORMATION , filed December 8, 2008 , and assigned U.S. Serial Number 12/303,766 , and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment

> PATENT REEL: 024637 FRAME: 0514

$Attorney's\ Docket\ No.:\ 20211-0128US1\ /\ OPP-2007-0520-US\ (LG:\ 07FDTV093US03)$

YOUNG IN KIM	Date:
CHU HYUN SEO	Date: May, 10. 2010
SANG O PARK	Date: May. (0. 2010
SEUNG WON KIM	Date:

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Attorney's Docket No.: 20211-0128US1 / OPP-2007-0520-US (LG: 07FDTV093US03)

YOUNG IN KIM	Date:
CHU HYUN SEO	Date:
SANG O PARK	Date:
SEUNG WON KIM	Date: 2010, 6,30
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RECORDED: 07/06/2010

PATENT REEL: 024637 FRAME: 0516