

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT2820267

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Jaehyun LIM	01/21/2014
Seungwook PARK	01/21/2014
Yongjoon JEON	01/21/2014
Jungsun KIM	02/20/2014
Hendry HENDRY	03/17/2014
Byeongmoon JEON	01/21/2014
Joonyoung PARK	03/05/2014
Chulkeun KIM	01/21/2014
Naeri PARK	01/21/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LG ELECTRONICS INC.
<b>Street Address:</b>	20, YEOUIDO-DONG, YEONGDEUNGPO-GU
<b>City:</b>	SEOUL
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	150-721
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14256059
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(877)769-7945
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	(202) 783-5070
<b>Email:</b>	apsi@fr.com
<b>Correspondent Name:</b>	JEREMY J. MONALDO
<b>Address Line 1:</b>	FISH & RICHARDSON P.C.
<b>Address Line 2:</b>	P.O.BOX 1022
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440-1022
<b>ATTORNEY DOCKET NUMBER:</b>	21613-0113001
<b>NAME OF SUBMITTER:</b>	SHARON M. ALLEN


PATENT

<b>SIGNATURE:</b>	/Sharon M. Allen/
<b>DATE SIGNED:</b>	04/18/2014
<b>Total Attachments: 9</b> source=21613-0113001 Assign#page1.tif source=21613-0113001 Assign#page2.tif source=21613-0113001 Assign#page3.tif source=21613-0113001 Assign#page4.tif source=21613-0113001 Assign#page5.tif source=21613-0113001 Assign#page6.tif source=21613-0113001 Assign#page7.tif source=21613-0113001 Assign#page8.tif source=21613-0113001 Assign#page9.tif	


**ASSIGNMENT**

For valuable consideration, we, **LIM, Jaehyun** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, **PARK, Seungwook** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, **JEON, Yongjoon** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, **KIM, Jungsun** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, **HENDRY, Hendry** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, **JEON, Byeongmoon** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, **PARK, Joonyoung** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, **KIM, Chulkeun** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea and **PARK, Naeri** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, hereby assign to LG Electronics Inc., a corporation of KOREA having a place of business at 20, Yeouido-dong, Yeongdeungpo-gu, Seoul, 150-721 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 METHOD FOR INTRA PREDICTION AND DEVICE THEREFOR filed April 18, 2014, and assigned U.S. Serial Number 14/256,059, 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

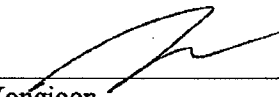
heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

  
\_\_\_\_\_  
LIM, Jaehyun

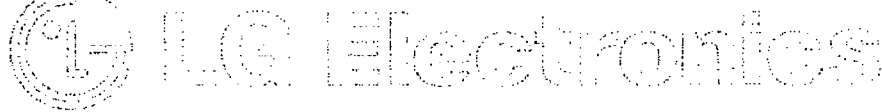
2014. 1. 21  
\_\_\_\_\_  
DATE

  
\_\_\_\_\_  
PARK, Seungwook

2014. 1. 21  
\_\_\_\_\_  
DATE

  
\_\_\_\_\_  
JEON, Yongjoon

2014. 1. 21  
\_\_\_\_\_  
DATE

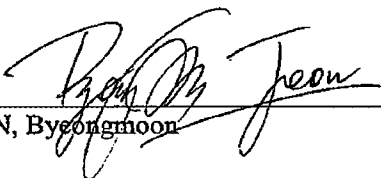


\_\_\_\_\_  
KIM, Jungsun

\_\_\_\_\_  
DATE

\_\_\_\_\_  
HENDRY, Hendry

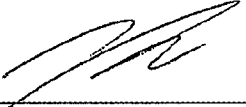
\_\_\_\_\_  
DATE

  
\_\_\_\_\_  
JEON, Byeongmoon


2014. 1. 21  
\_\_\_\_\_  
DATE

\_\_\_\_\_  
PARK, Joonyoung

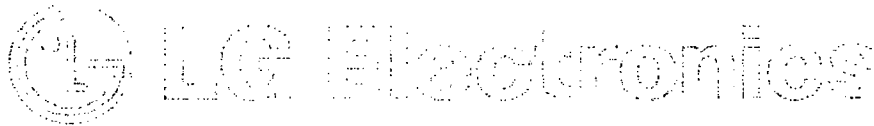
\_\_\_\_\_  
DATE

  
\_\_\_\_\_  
KIM, Chulkeun

2014.1.21  
\_\_\_\_\_  
DATE

  
\_\_\_\_\_  
PARK, Naeri

2014.1.21  
\_\_\_\_\_  
DATE



**ASSIGNMENT**

For valuable consideration, we, **LIM, Jaehyun** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, **PARK, Seungwook** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, **JEON, Yongjoon** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, **KIM, Jungsun** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, **HENDRY, Hendry** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, **JEON, Byeongmoon** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, **PARK, Joonyoung** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, **KIM, Chulkeun** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea and **PARK, Naeri** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, hereby assign to LG Electronics Inc., a corporation of KOREA having a place of business at 20, Yeouido-dong, Yeongdeungpo-gu, Seoul, 150-721 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 METHOD FOR INTRA PREDICTION AND DEVICE THEREFOR filed April 18, 2014, and assigned U.S. Serial Number 14/256,059, 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.

\_\_\_\_\_  
LIM, Jaehyun

\_\_\_\_\_  
DATE

\_\_\_\_\_  
PARK, Seungwook

\_\_\_\_\_  
DATE

\_\_\_\_\_  
JEON, Yongjoon

\_\_\_\_\_  
DATE

  
\_\_\_\_\_  
KIM, Jungsun

\_\_\_\_\_  
2014, 2, 20  
DATE

\_\_\_\_\_  
HENDRY, Hendry

\_\_\_\_\_  
DATE

\_\_\_\_\_  
JEON, Byeongmoon

\_\_\_\_\_  
DATE

\_\_\_\_\_  
PARK, Joonyoung

\_\_\_\_\_  
DATE

**ASSIGNMENT**

For valuable consideration, we, **LIM, Jaehyun** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, **PARK, Seungwook** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, **JEON, Yongjoon** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, **KIM, Jungsun** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, **HENDRY, Hendry** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, **JEON, Byeongmoon** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, **PARK, Joonyoung** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, **KIM, Chulkeun** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea and **PARK, Naeri** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, hereby assign to LG Electronics Inc., a corporation of KOREA having a place of business at 20, Yeouido-dong, Yeongdeungpo-gu, Seoul, 150-721 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 METHOD FOR INTRA PREDICTION AND DEVICE THEREFOR filed April 18, 2014, and assigned U.S. Serial Number 14/256,059, 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.

\_\_\_\_\_  
LIM, Jaehyun

\_\_\_\_\_  
DATE

\_\_\_\_\_  
PARK, Seungwook

\_\_\_\_\_  
DATE

\_\_\_\_\_  
JEON, Yongjoon

\_\_\_\_\_  
DATE

\_\_\_\_\_  
KIM, Jungsun



\_\_\_\_\_  
DATE

March 17, 2014

\_\_\_\_\_  
HENDRY, Hendry

\_\_\_\_\_  
DATE

\_\_\_\_\_  
JEON, Byeongmoon

\_\_\_\_\_  
DATE

\_\_\_\_\_  
PARK, Joonyoung

\_\_\_\_\_  
DATE

**ASSIGNMENT**

For valuable consideration, we, **LIM, Jaehyun** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, **PARK, Seungwook** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, **JEON, Yongjoon** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, **KIM, Jungsun** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, **HENDRY, Hendry** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, **JEON, Byeongmoon** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, **PARK, Joonyoung** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, **KIM, Chulkeun** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea and **PARK, Naeri** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, hereby assign to LG Electronics Inc., a corporation of KOREA having a place of business at 20, Yeouido-dong, Yeongdeungpo-gu, Seoul, 150-721 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 METHOD FOR INTRA PREDICTION AND DEVICE THEREFOR filed April 18, 2014, and assigned U.S. Serial Number 14/256,059, 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.

\_\_\_\_\_  
LIM, Jaehyun

\_\_\_\_\_  
DATE

\_\_\_\_\_  
PARK, Seungwook

\_\_\_\_\_  
DATE

\_\_\_\_\_  
JEON, Yongjoon

\_\_\_\_\_  
DATE

\_\_\_\_\_  
KIM, Jungsun


\_\_\_\_\_  
DATE

\_\_\_\_\_  
HENDRY, Hendry

\_\_\_\_\_  
DATE

\_\_\_\_\_  
JEON, Byeongmoon

\_\_\_\_\_  
DATE

  
\_\_\_\_\_  
PARK, Jeonyoung

\_\_\_\_\_  
DATE

Mar. 5. 2014