

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5189913

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Yong Joon JEON	05/22/2013
Seung Wook Park	05/22/2013
Jae Hyun Lim	05/22/2013
Jung Sun KIM	05/22/2013
Joon Young PARK	05/16/2013
Young Hee CHOI	12/14/2012
Jae Won SUNG	06/05/2013
Byeong Moon JEON	05/22/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LG ELECTRONICS INC.
<b>Street Address:</b>	128, YEOU-DAERO, YEONGDEUNGPO-GU
<b>City:</b>	SEOUL
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	07336
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15859132
<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 using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	+1 (202) 626-6431
<b>Email:</b>	apsi@fr.com
<b>Correspondent Name:</b>	WON S. YOON
<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>	21613-0085003
<b>NAME OF SUBMITTER:</b>	AMANDA PETERSEN
<b>SIGNATURE:</b>	/Amanda Petersen/

PATENT

<b>DATE SIGNED:</b>	10/16/2018
<b>Total Attachments: 8</b> source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif source=Assignment#page8.tif	

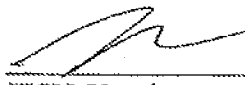
ASSIGNMENT

For valuable consideration, we, JEON, Yongjoon of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu Seoul 137-130 Republic of Korea, PARK, Seungwook of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu Seoul 137-130 Republic of Korea, LIM, Jaehyun of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu Seoul 137-130 Republic of Korea, KIM, Jungsun of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu Seoul 137-130 Republic of Korea, PARK, Joonyoung of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu Seoul 137-130 Republic of Korea, CHOI, Younghee of of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu Seoul 137-130 Republic of Korea, SUNG, Jaewon of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu Seoul 137-130 Republic of Korea and JEON, Byeongmoon of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu Seoul 137-130 Republic of 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 INTRA PREDICTION METHOD AND APPARATUS USING THE METHOD, filed on June 24, 2013, and assigned U.S. Serial Number 13/997,385, 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

Attorney's Docket No.:

BPP2011-0392-US (LG: 11FCVL357US02)

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



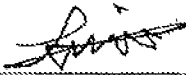
JEON, Yongjoon

Date: 2013. 5. 22



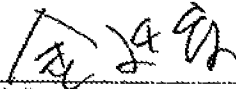
PARK, Seungwook

Date: 2013. 5. 22



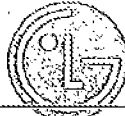
LIM, Jaehyun

Date: 2013. 5. 22



KIM, Jungsun

Date: 2013. 5. 22



LG Electronics

PARK, Joonyoung

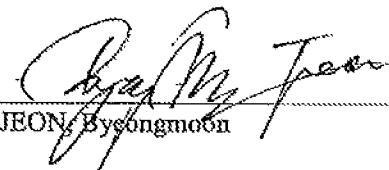
Date: \_\_\_\_\_

CHOI, Younghee

Date: \_\_\_\_\_

SUNG, Jaewon

Date: \_\_\_\_\_



JEON, Byeongmoon

Date: 2013. 5. 22

Witnessed by:

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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Date: \_\_\_\_\_

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PARK, Seungwook

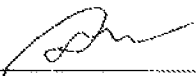
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LIM, Jaehyun

Date: \_\_\_\_\_

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KIM, Jungsun

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PARK, Joonyoung

Date: May 16, 2013

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CHOI, Younghee

Date: \_\_\_\_\_

\_\_\_\_\_  
SUNG, Jaewon

Date: \_\_\_\_\_

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

Date: \_\_\_\_\_

Witnessed by:

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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LIM, Jaehyun


Date: \_\_\_\_\_

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KIM, Jungsun

Date: \_\_\_\_\_

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PARK, Joonyoung

Date: \_\_\_\_\_

  
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CHOI, Younghee

Date: 14th Dec. 2012

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SUNG, Jaewon

Date: \_\_\_\_\_

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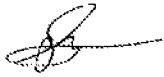
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CHOI, Younghee

Date: \_\_\_\_\_



\_\_\_\_\_  
SUNG, Jaewon

Date: June 5, 2013

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JEON, Byeongmoon

Date: \_\_\_\_\_

Witnessed by:

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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