05/23/2014 502821876

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hendry HENDRY	03/30/2014
Seungwook PARK	03/30/2014
Jaehyun LIM	03/30/2014
Yongjoon JEON	03/30/2014
Chulkeun KIM	03/30/2014
Jungsun KIM	05/06/2014
Naeri PARK	05/22/2014
Byeongmoon JEON	04/29/2014
Joonyoung PARK	04/25/2014

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:	14346879

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	21613-0106US1
NAME OF SUBMITTER:	SHARON M. ALLEN

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SIGNATURE:	/Sharon M. Allen/
DATE SIGNED:	05/23/2014
Total Attachments: 12	
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PATENT REEL: 033005 FRAME: 0091

ASSIGNMENT

For valuable consideration, we, HENDRY, Hendry 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, LIM, Jachyun of LG Electronics Inc., Convergence R&D Lab., 221 Yangjac-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, Chulkeun 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, PARK, Naeri of LG Electronics Inc., Convergence R&D Lab., 221 Yangjaedong, Seocho-gu, Seoul 137-130 Korea, JEON, Bycongmoon of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea and PARK. Joonvoung of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, hereby assign to <u>LG Electronics Inc.</u>, a corporation of <u>KOREA</u> having a place of business at 20, Yeouido-dong, Yeongdeungpo-gu, Scoul, 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 AND APPARATUS FOR SIGNALING IMAGE INFORMATION, AND DECODING METHOD AND filed March 24, 2014, and assigned U.S. Serial Number APPARATUS USING SAME 14/346,879, 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.



March 30, 2014

HENDRY, Hendry

DATE

PARK, Seungwook	DATE
LIM, Jachyun	DATE
JEON, Yongjoon	DATE
KIM, Chulkeun	DATE
KIM, Jungsun	DATE
PARK, Naeri	DATE
JEON, Byeongmoon	DATE
PARK, Joonyoung	DATE

Page 2 of 2

PATENT REEL: 033005 FRAME: 0093

ASSIGNMENT

For valuable consideration, we, **HENDRY**, **Hendry** 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, LIM, Jachyun 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, Chulkeun 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, Scocho-gu, Scoul 137-130 Korea, PARK, Naeri of LG Electronics Inc., Convergence R&D Lab., 221 Yangjaedong, 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 and PARK, Joonyoung 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 AND APPARATUS FOR SIGNALING IMAGE INFORMATION. AND DECODING METHOD AND APPARATUS USING SAME filed March 24, 2014, and assigned U.S. Serial Number 14/346,879, 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.

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PARK, Nacri	DATE
JEON, Byeongmoon	DATE
PARK, Joonyoung	DATE

Page 2 of 2

<u>ASSIGNMENT</u>

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DATE

PARK, Seungwook	DATE	
I.IM, Jachyun	DATE	
JEON, Yongjoon	DATE	
KIM, Chulkeun	DATE	
KIM, Jungsun	DATE	2014, 5.6.
PARK, Nasri	DATE	
JEON, Bycongmoon	DATE	
PARK, Joonyoung	- DATE	

Page 2 of 2

PATENT REEL: 033005 FRAME: 0097

ASSIGNMENT

For valuable consideration, we, **HENDRY, Hendry** 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, LIM, Jaehvun 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, Chulkeun 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 Yangiae-dong, Seocho-gu, Scoul 137-130 Korea, PARK, Naeri of LG Electronics Inc., Convergence R&D Lab., 221 Yangjaedong, Seocho-gu, Seoul 137-130 Korea, JEON, Byeongmoon of LG Electronics Inc., Convergence R&D Lab., 221 Yangjac-dong, Scocho-gu, Scoul 137-130 Korea and PARK, Joonyoung of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, hereby assign to <u>LG Electronics Inc.</u>, a corporation of <u>KOREA</u> 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 AND APPARATUS FOR SIGNALING IMAGE INFORMATION, AND DECODING METHOD AND filed March 24, 2014, and assigned U.S. Serial Number APPARATUS USING SAME 14/346,879, 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.

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PARK, Senngwook	DATE
LIM, Jachyun	DATE
JEON, Yongjoon	DATE
KIM, Chulkeun	DATE
KIM, Jungsun	DATE
Navi	2014.5.22
PARK, Nacri	DATE
JEON, Bycongmoon	DATE
PARK. Joonvoung	DATE

Page 2 of 2

ASSIGNMENT

For valuable consideration, we, HENDRY, Hendry 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, LIM, Jaehyun of LG Electronics Inc., Convergence R&D Lab., 221 Yangiae-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, Chulkeun 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, PARK, Naeri of LG Electronics Inc., Convergence R&D Lab., 221 Yangjaedong, Seocho-gu, Seoul 137-130 Korea, JEON, Byeongmoon of LG Electronics Inc., Convergence R&D Lab., 221 Yangjac-dong, Seocho-gu, Seoul 137-130 Korea and PARK, Joonyoung of LG Electronics Inc., Convergence R&D Lab., 221 Yangiae-dong, Seocho-gu, Seoul 137-130 Korea, hereby assign to <u>LG Electronics Inc.</u>, a corporation of <u>KOREA</u> 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 AND APPARATUS FOR SIGNALING IMAGE INFORMATION, AND DECODING METHOD AND filed March 24, 2014, and assigned U.S. Serial Number APPARATUS USING SAME 14/346.879, 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.

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HENDRY, Hendry

DATE

PARK, Seungwook	DATE
LIM, Jachyun	DATE
JEON, Yongjoon	DATE
KIM, Chulkeun	DATE
KIM, Jungsun	DATE
PARK, Naeri	DATE
JEON, Byeongmoon	April, 29, 2014 DATE
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Page 2 of 2

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For valuable consideration, we, **HENDRY, Hendry** of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Scocho-gu, Scoul 137-130 Korea, PARK, Scungwook of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, LIM, Jachyun 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, Chulkeun 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, PARK, Naeri of LG Electronics Inc., Convergence R&D Lab., 221 Yangjaedong, 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 and PARK, Joonyoung of LG Electronics Inc., Convergence R&D Lab., 221 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, hereby assign to <u>LG Electronics Inc.</u>, a corporation of <u>KOREA</u> 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 AND APPARATUS FOR SIGNALING IMAGE INFORMATION, AND DECODING METHOD AND filed March 24, 2014, and assigned U.S. Serial Number APPARATUS USING SAME 14/346,879, 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.

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PARK, Seungwook	DATE
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JEON, Yongjoon	DATE
KIM, Chulkeun	DATE
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KIM, Jungsun	DATE
PARK, Nacri	DATE
JEON, Byeongmoon	DATE
PARK, Joonyoung	DATE Apr. 25. 2014

Page 2 of 2

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RECORDED: 05/23/2014