

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3192892

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WOOKBONG LEE	07/21/2014
SEUNGHEE HAN	07/21/2014
SUHWOOK KIM	07/21/2014
YONGHO SEOK	07/29/2014
JINSAM KWAK	09/23/2014
JINYOUNG CHUN	07/21/2014
RECEIVING PARTY DATA	
Name:	LG ELECTRONICS INC.
Street Address:	20 YEOUIDO-DONG, YEONGDEUNGPO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	150-721
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14373093
CORRESPONDENCE DATA	
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NAME OF SUBMITTER:	ROBERT J. GOODELL
SIGNATURE:	/Robert J. Goodell/
DATE SIGNED:	01/22/2015
Total Attachments: 8	

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ASSIGNMENT

WHEREAS WE, the below named inventors, (hereinafter referred to as "Assignors"), have made an invention entitled:

METHOD FOR SETTING OPERATING CHANNEL IN WHITE SPACE BAND AND DEVICE THEREFOR

for which WE filed a national stage application for United States Letters Patent on July 18, 2014, (Application No. 14/373,093) based on PCT/KR2013/000413; and

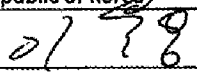
WHEREAS LG Electronics Inc. whose post office address is 20 Yeouido-dong, Yeongdeungpo-gu, Seoul 150-721 Republic of Korea (hereinafter referred to as "Assignee"), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application of United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

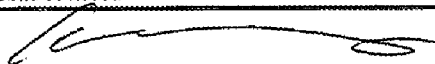
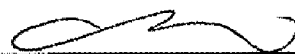
NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, WE, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and WE hereby authorize and request the Director of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent of this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that WE have the full right to convey the interest assigned by this Assignment, and WE have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that WE will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to US respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, WE have hereunto set my hands.

Full Name of first Assignor	LEE, Wookbong
Address	LG Institute #533 Hoge 1(il)-dong, Dongan-gu, Anyang-si Gyeonggi-do 431-080 Republic of Korea
Signature	
Date	07.21.2014
Full Name of second Assignor	HAN, Seunghee
Address	LG Institute #533 Hoge 1(il)-dong, Dongan-gu, Anyang-si Gyeonggi-do 431-080 Republic of Korea
Signature	
Date	

Full Name of third Assignor	KIM, Suhwook
Address	LG Institute #533 Hoge 1(il)-dong, Dongan-gu, Anyang-si Gyeonggi-do 431-080 Republic of Korea
Signature	
Date	2014-07-21
Full Name of fourth Assignor	SEOK, Yongho
Address	LG Institute #533 Hoge 1(il)-dong, Dongan-gu, Anyang-si Gyeonggi-do 431-080 Republic of Korea
Signature	
Date	
Full Name of fifth Assignor	KWAK, Jinsam
Address	LG Institute #533 Hoge 1(il)-dong, Dongan-gu, Anyang-si Gyeonggi-do 431-080 Republic of Korea
Signature	
Date	
Full Name of sixth Assignor	CHUN, Jinyoung
Address	LG Institute #533 Hoge 1(il)-dong, Dongan-gu, Anyang-si Gyeonggi-do 431-080 Republic of Korea
Signature	
Date	2014.07.21
Full Name of seventh Assignor	SONG, Jaehyung
Address	LG Institute #533 Hoge 1(il)-dong, Dongan-gu, Anyang-si Gyeonggi-do 431-080 Republic of Korea
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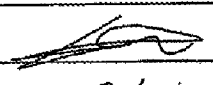
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NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, WE, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and WE hereby authorize and request the Director of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent of this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

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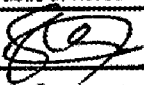
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Date	Sep 23, 2014
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Morgan, Lewis & Bockius LLP