

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4663323

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DAE WON LEE	12/15/2008
KI JUN KIM	12/15/2008
DONG WOOK ROH	12/15/2008
YU JIN NOH	12/15/2008
JOON KUI AHN	12/15/2008
JUNG HOON LEE	12/15/2008
RECEIVING PARTY DATA	
Name:	LG ELECTRONICS INC.
Street Address:	20 YOIDO-DONG, YOUNGDUNGPO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	150-010
PROPERTY NUMBERS Total: 3	
Property Type	Number
Application Number:	15730783
Application Number:	15262298
Patent Number:	9451605
CORRESPONDENCE DATA	
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<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>	
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ATTORNEY DOCKET NUMBER:	JRL-6095-466A
NAME OF SUBMITTER:	JOHN R. LASTOVA
SIGNATURE:	/John R. Lastova/

DATE SIGNED:	10/30/2017
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Total Attachments: 4
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source=6095-466 Assignment1#page3.tif
source=6095-466 Assignment1#page4.tif

ASSIGNMENT

(1-8) *Insert Name(s) of Inventor(s)*

- | | |
|-------------------|-------------------|
| (1) DAE WON LEE | (5) JOON KUI AHN |
| (2) KI JUN KIM | (6) JUNG HOON LEE |
| (3) DONG WOOK ROH | (7) |
| (4) YU JIN NOH | (8) |

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) *Insert name of Assignee*

(9) **LG ELECTRONICS INC.**

(10) *Insert state of Incorporation of Assignee*

(10) **Korea**

(11) *Insert address of Assignee*

(11) **20 Yoido-dong, Youngdungpo-gu, Seoul, 150-010, Korea**

(hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as

(12) *Insert identification of Invention, such as Title, Case Number or Foreign Application Number*

(12) **METHOD FOR TRANSMITTING AND RECEIVING CONTROL INFORMATION THROUGH PDCCH (Application No. 12/252,270)**

for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.

(13) *Insert Date of Signing of Application*

(13)

1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

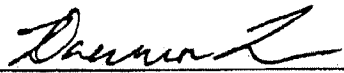
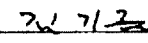

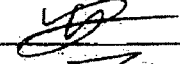
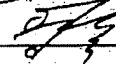
2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith.

The undersigned hereby appoints the Attorneys associated with Customer No. 035884 the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

- 1) Date: Dec. 15, 2018 Signature of Inventor: 
- 2) Date: 12/15/2008 Signature of Inventor: 
- 3) Date: _____ Signature of Inventor: _____
- 4) Date: 12/15/2008 Signature of Inventor: 
- 5) Date: 12/15/2008 Signature of Inventor: 
- 6) Date: 12/15/2008 Signature of Inventor: 

ASSIGNMENT

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- 1) Date: _____ Signature of Inventor _____
- 2) Date: _____ Signature of Inventor _____
- 3) Date: Dec 12, 2008 Signature of Inventor Douglas Rob
- 4) Date: _____ Signature of Inventor _____
- 5) Date: _____ Signature of Inventor _____
- 6) Date: _____ Signature of Inventor _____