

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
EUNSUN KIM	06/05/2014
DAE SIK HONG	06/04/2014
GOSAN NOH	06/03/2014
YONGHO SEOK	06/05/2014
JI-HAENG HEO	06/03/2014
RECEIVING PARTY DATA	
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Street Address:	20 YEOUIDO-DONG, YEONGDEUNGPO-GU
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Name:	INDUSTRY-ACADEMIC COOPERATION FOUNDATION, YONSEI UNIVERSITY
Street Address:	134 SINCHON-DONG, SEODAEMOON-GU
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State/Country:	REPUBLIC OF KOREA
Postal Code:	120-749
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14363213
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ATTORNEY DOCKET NUMBER:	2101-5797
NAME OF SUBMITTER:	HARRY S. LEE
SIGNATURE:	/Harry S. Lee/
DATE SIGNED:	06/05/2014
Total Attachments: 2 source=10_2101-5797_Assignment#page1.tif source=10_2101-5797_Assignment#page2.tif	

ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s) (1) KIM, Eunsun (5) HEO, Ji-Haeng
 (2) HONG, Dae Sik (6)
 (3) NOH, Gosan (7)
 (4) SEOK, Yongho (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. and INDUSTRY-ACADEMIC COOPERATION FOUNDATION, YONSEI UNIVERSITY

(10) Insert state of Incorporation of Assignee (10) Korea

(11) Insert address of Assignee (11) 20 Yeouido-dong, Yeongdeungpo-gu, Seoul 150-721
 Republic of Korea, and
 134 Sinchon-dong Seodaemun-gu Seoul 120-749
 Republic of 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 AND DEVICE FOR TRANSMITTING AND RECEIVING AVAILABLE CHANNEL INFORMATION BASED ON DIRECTIVITY IN WIRELESS COMMUNICATION SYSTEM

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.

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.

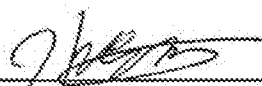
2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

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.

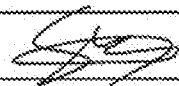
5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby 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. 835884 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.

Date: 05/06/14 Signature of Inventor 

Date: _____ Signature of Inventor _____

Date: _____ Signature of Inventor _____

Date: 2014/05/05 Signature of Inventor 

Date: _____ Signature of Inventor _____

heelin.lung/정희진/10.177.49.45/2014-06-05 13:10

ASSIGNMENT

- (1-2) Insert Name(s) of Inventor(s) (1) KIM, Eunsun (5) HEO, Ji-Haeng
 (2) HONG, Dae Sik (6)
 (3) NOH, Geseon (7)
 (4) SEOK, Yongho (8)
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- (10) Insert state of Incorporation of Assignee (10) Korea
- (11) Insert address of Assignee (11) 20 Yeouido-dong, Yeongdeungpo-gu, Seoul 150-721
 Republic of Korea, and
 124 Sinchon-dong Seodaejeon-gu Seoul 120-749
 Republic of Korea
- (hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as
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Date: _____ Signature of Inventor _____
 Date: June 4, 2014 Signature of Inventor [Signature]
 Date: June 3, 2014 Signature of Inventor [Signature]
 Date: _____ Signature of Inventor _____
 Date: June 3, 2014 Signature of Inventor [Signature]

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