# PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

# **CONVEYING PARTY DATA**

Name	Execution Date
Giwon PARK	08/14/2012
Inuk JUNG	10/02/2012
Youngsoo YUK	08/20/2012
Jin LEE	08/13/2012

# **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:	13639862

# **CORRESPONDENCE DATA**

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Correspondent Name: LEE, HONG, DEGERMAN, KANG & WAIMEY

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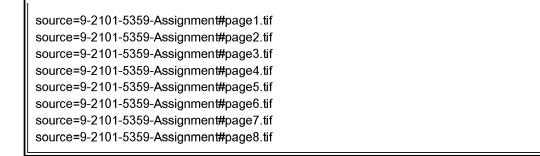
Address Line 2: Suite 2300

Address Line 4: LOS ANGELES, CALIFORNIA 90017

ATTORNEY DOCKET NUMBER:	2101-5359
NAME OF SUBMITTER:	Harry S. Lee

Total Attachments: 8

PATENT REEL: 029089 FRAME: 0911 **JP \$40.00 1363**9



### **ASSIGNMENT**

(1-8) Insert Name(s) of Inventor(s) (1) PARK, G	nowi
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(5)

- (2) JUNG, Inuk
- (3) YUK, Youngsoo
- (4) LEE, Jin

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

- Insert name of Assignee (9)
- LG ELECTRONICS INC. (9)
- (10) Insert state of incomoration of Assignee
- (10) Korea
- (11) Insert address of Assignee
- (11) 20 Yeouido-dong, Yeongdeungpo-gu, Seoui 150-721

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) GROUP-BASED M2M COMMUNICATION METHOD

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.

- 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
- 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.
- 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
- 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.
- 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 coverants that he has (they have) but 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.

Date: <u>2012</u> 08.14 Signature of Inventor 1

Date	 Signature of inventor 2
Date:	 Signature of Inventor 3
Date:	 Signature of Inventor 4

# ASSIGNMENT

(1-8)	) lusert Name(s) of Inventor(s)	(1) PARK, Giwon (5) (2) JUNG, Inuk (3) YUK, Youngsoo (4) LEE, Jin
(9) (10)	Insert name of Assignee Insert state of Incorporation of	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) LG ELECTRONICS INC.  (10) Korea
(11)	Assignee Insert address of Assignee	(11) 20 Yeouido-dong, Yeongdeungpo-gu, Seoul 150-721 Korea
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may t every	be declared concerning this app	ee(s) to execute all papers necessary in connection with any interference which loation or continuation or division thereof and to cooperate with the Assignee in ce and going forward with such interference.
neces: similar	<ol> <li>The undersigned agreery in connection with claims or agreements</li> </ol>	ee(s) to execute all papers and documents and perform any act which may be provisions of the International Convention for Protection of Industrial Property or
Leiters thereo convey	Inited States patent to the Assign 5) The undersigned here a Patents of the United States reset to the said Assignee, as Assign / the entire interest herein assign	by authorize(s) and request(s) the Commissioner of Patents to issue any and all ulting from eaid application or any division or divisions or continuing applications ee of the entire interest, and hereby covenants that he has (they have) full right to ed, and that he has (they have) not executed any agreement in conflict herewith.
assign	idersigned hereby appoints the A ment any further identification wh Patent and Trademark Office for	Attorneys associated with Customer No. 035884 the power to insert on this aich may be necessary or desirable in order to comply with the rules of the United recordation of this document.
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Date: 2:00±2012-	Signature of Inventor 2
Date:	Signature of Inventor 3
Date:	Signature of Inventor 4

### ASSIGNMENT

(1-6) Insert Name(a) of Inventor(s)

(1) PARK, Giwon

(5)

- (2) JUNG, Inuk
- (3) YUK, Youngsoo
- (4) LEE, Jin

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
- (10) Insert state of Incorporation of Assignee
- (11) Insert address of Assignee
- (9) LG ELECTRONICS INC.
- (10) Korea

(11) 20 Yeouldo-dong, Yeongdeungpo-gu, Seoul 150-721

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) GROUP-BASED M2M COMMUNICATION METHOD

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

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- 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.

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Signature of Inventor 1

Date:

Signature of Inventor 2

Date: Aug. 20th July. Signature of Inventor's 455

Date:

Signature of Inventor 4

## ASSIGNMENT

(1-8)	Insert Name(s) of Inventor(s)	(2) . (3) `	PARK, Giwon IUNG, Inuk /UK, Youngsco .EE, Jin	(5)
(9)	Insert name of Assignee	(9)	valuable consider	of the sum of one dollar (\$1.00) and other good and ations paid to each of the undersigned, the undersigned, and hereby does assign, transfer and set over to \$28 INC.
(10)	Insert state of Incorporation of Assignee		Korea	
(11)	Insert address of Assignee	(11) Kon	•	reongdeungpo-gu, Seoul 150-721
			einafter designated est in the invention	as the Assignee) the entire worldwide right, title and known as
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divisio separa	nal and continuing United State	s and	l foreign applicatio	pers necessary in connection with any original, relissue, as for the above-identified invention and also to execute the Assignee may deem necessary or expedient.
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	<ol> <li>The undersigned agreements.</li> </ol>	ee(s) Cprov	to execute all par isions of the interr	ers and documents and perform any act which may be ational Convention for Protection of Industrial Property or
Letters thereof convey The un assign	nited States patent to the Assign 5) The undersigned here Patents of the United States red to the said Assignee, as Assign the entire interest herein assign dersigned hereby appoints the A	nee, aby au sulting ee of led, a Vitori sich m	thorize(s) and requirements the entire interest, and that he has (the eys associated way be necessary o	estive acts which may be necessary to obtain a grant of a est(s) the Commissioner of Patents to issue any and all on or any division or divisions or continuing applications and hereby covenants that he has (they have) full right to a have) not executed any agreement in conflict herewith.  If the Customer No. 035884 the power to insert on this a desirable in order to comply with the rules of the United ment

Date \_\_\_\_\_ Signature of Inventor 1 \_\_\_\_\_

<b>\$</b> .	***************************************	Signature of Inventor 2
<b>3</b> ;		Signature of Inventor 3
£	Ku210,292	Signature of Inventor 4