502516925 10/01/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Junho JO	09/23/2013
Gosan NOH	08/06/2013
Daesik HONG	08/13/2013
Bonghoe KIM	08/05/2013

RECEIVING PARTY DATA

Name:	G ELECTRONICS INC.			
Street Address:	20 Yeouido-dong, Yeoungdeungpo-gu			
City:	Seoul			
State/Country:	KOREA, REPUBLIC OF			
Postal Code:	150-721			

Name:	INDUSTRY-ACADEMIC COOPERATION FOUNDATION, YONSEI UNIVERSITY
Street Address:	Yonsei University, 134, Sinchon-Dong, Seodaemun-Gu
City:	Seoul
State/Country:	KOREA, REPUBLIC OF
Postal Code:	120-749

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14009230

CORRESPONDENCE DATA

Fax Number: 2136232211

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 213-623-2221
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Correspondent Name: LEE, HONG, DEGERMAN, KANG & WAIMEY

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PATENT

REEL: 031321 FRAME: 0639

OP \$40,00 14009230

Address Line 2: Suite 2300 Address Line 4: LOS ANGELES	S, CALIFORNIA 90017		
ATTORNEY DOCKET NUMBER:	2101-5549		
NAME OF SUBMITTER:	Harry S. Lee		
Signature:	/Harry S. Lee/		
Date:	10/01/2013		
Total Attachments: 6 source=9_2101-5549_Assignment#page1.tif source=9_2101-5549_Assignment#page2.tif source=9_2101-5549_Assignment#page3.tif source=9_2101-5549_Assignment#page4.tif source=9_2101-5549_Assignment#page5.tif source=9_2101-5549_Assignment#page6.tif			

PATENT REEL: 031321 FRAME: 0640

ASSIGNMENT

(1-8)	Insert Name(s) of Inventor(s)	(1) JO, Junho	(5)
	,	(2) NOH, Gosan	(6)
		(3) HONG, Daesik	(7)
		(4) KIM, Bonghoe	(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.

INDUSTRY-ACADEMIC COOPERATION FOUNDATION, YONSEI UNIVERSITY

- (10) Insert state of Incorporation of Assignee
- (10) Republic of Korea and Republic of Korea
- (11) Insert address of Assignee
- (11) 20 Yeouido-dong, Yeoungdeungpo-gu, Seoul 150-721 Republic of Korea and Yonsei University, 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) RESOURCE ALLOCATION IN A COEXISTENCE SYSTEM

(Application Serial No.

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.
- 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 Atternove Associated with Customer No. 035884 the power to insert on

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.

Attorney Docket No. 2101-5549

Date: Sep. 23.2013	Signature of Inventor
Date:	Signature of Inventor
Date:	Signature of Inventor
Date:	Signature of Inventor

(13) Insert Date of Signing of

Application

ASSIGNMENT

(1-8)	Insert Name(s) of Inventor(s)	(1) J	O, Junho	(5)		
		(2) N	IOH, Gosan	(6)		
		(3) H	lONG, Daesik	(7)		
		(4) H	(IM, Bonghoe	(8)		
		cons	onsideration of the iderations paid to eathereby does assign,	ach of the und	dollar (\$1.00) and other good ersigned the undersigned agree at over to	and valuable e(s) to assign,
(9)	Insert name of Assignee	(9)	LG ELECTRONICS	SINC.		
			INDUSTRY-ACADE	MIC COOPER	ATION FOUNDATION, YONSE	UNIVERSITY
(10)	Insert state of Incorporation of Assignee	(10)	Republic of Korea a	and Republic of	Korea	
(11)	Insert address of Assignee	(11)	20 Yeouido-dong, Y	eoungdeungpe	o-gu, Seoul 150-721 Republic of	Korea
				34, Sinchon-D	ong, Seodaemun-Gu, Seoul 120	·7 49
		(here	einafter designated as nvention known as	s the Assignee) the entire worldwide right, title a	ind interest in
(12)	Insert identification of Invention,	(12)	RESOURCE ALLOC	ATION IN A C	OEXISTENCE SYSTEM	
	such as Title, Case Number or Foreign Application Number	for w	lication Serial No. which the undersigned as of America and all ato or based thereon.	patent applicat) ecuted an application for patent litions in foreign countries corresp	n the United onding

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(13)

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	Date:		Signature of Inventor_			an Herrina
	Date: Aug	_6,2×13	Signature of Inventor	Gessen	Hoh.	
	Date: Aug	1.13.2013	Signature of Inventor	DUC.	16-5	
	Date:		Signature of Inventor			
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PATENT REEL: 031321 FRAME: 0644

ASSIGNMENT

- (1-8) Insert Name(s) of Inventor(s) (1) JO, Junho (5)(2) NOH, Gosan (6)(3) HONG, Daesik (7)(4) KIM, Bonghoe (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 LG ELECTRONICS INC. INDUSTRY-ACADEMIC COOPERATION FOUNDATION, YONSEI UNIVERSITY (10)Insert state of Incorporation of (10) Republic of Korea and Republic of Korea Assignee (11) 20 Yeouido-dong, Yeoungdeungpo-gu, Seoul 150-721 Republic of Korea Insert address of Assignee Yonsei University, 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) RESOURCE ALLOCATION IN A COEXISTENCE SYSTEM (12)Insert identification of Invention. such as Title, Case Number or Foreign Application Number (Application Serial No. for which the undersigned has (have) executed an application for patent in the United
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Date: _		Signature of Inventor
Date: _		Signature of Inventor
Date: _		Signature of Inventor
Data:	2013.8-5	Signature of Inventor

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