502179177 12/28/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Seunghyun KANG	10/30/2012
Dong-Guk LIM	10/29/2012
Han-Gyu CHO	10/29/2012
Kyujin PARK	11/08/2012

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13807689

CORRESPONDENCE DATA

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

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ATTORNEY DOCKET NUMBER:	2101-5408
NAME OF SUBMITTER:	Norman T. Lee

Total Attachments: 6

PATENT REEL: 029544 FRAME: 0038 **JP \$40.00 1380768**

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> PATENT REEL: 029544 FRAME: 0039

ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s) (1) KANG, Seunghyun (5)(2) LIM, Dong-Guk (8)(3) CHO, Han-Gyu (7) (4) PARK, Kyujin (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 (10) Republic of Korea Assignee (11) Insert address of Assignee (11) 20 Yeouido-dong, Yeoungdeungpo-gu, Seoul 150-721 Republic of Korea (hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as (12) METHOD AND APPARATUS FOR PERFORMING CLIENT COOPERATION (12) Insert identification of Invention. TRANSMISSION THROUGH A GROUP RESOURCE ALLOCATION SCHEME IN A such as Title, Case Number or WIRELESS ACCESS SYSTEM Foreign Application Number (Application Serial No. for which the undersigned has (have) executed an application for patent in the United

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.

thereto or based thereon.

(13)

(13) Insert Date of Signing of

Application

States of America and all patent applications in foreign countries corresponding

- 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.

Date: Od. noth rolv	Signature of Inventor
Date:	Signature of Inventor
Date:	Signature of Inventor
Date:	Signature of Inventor

ASSIGNMENT

(1-8)	Insert Name(s) of Inventor(s)	(1) KANG, Seunghyun	(5)
		(2) LIM, Dong-Guk	(6)
		(3) CHO, Han-Gyu	(7)
		(4) PARK, Kyujin	(8)
			n of one dollar (\$1.00) and other good and valuable of the undersigned, the undersigned agree(s) to assign, sfer and set over to
(9)	insert name of Assignee	(9) LG ELECTRONICS IN	C.
(10)	insert state of Incorporation of Assignee	(10) Republic of Korea	
(11)	Insert address of Assignee	(11) 20 Yeouido-dong, Yeor	ingdeungpo-gu, Seoul 150-721 Republic of Korea
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(12)	Insert identification of Invention, such as Title, Case Number or Foreign Application Number	The statement of the community of the co	
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PATENT REEL: 029544 FRAME: 0042

Date:	***************************************	Signature of Inventor
Date:	Oct 29 / 2012	Signature of Inventor 인동국
	0629.2012	4. \
Date:		Signature of Inventor

ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s) (1) KANG, Seunghyun (5)(2) LIM, Dong-Guk (6)(3) CHO, Han-Gyu (7)(4) PARK, Kyujin (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) LG ELECTRONICS INC. (9) Insert name of Assignee Insert state of Incorporation of (10)(10) Republic of Korea Assignee (11) Insert address of Assignee (11) 20 Yeouido-dong, Yeoungdeungpo-gu, Seoul 150-721 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 APPARATUS FOR PERFORMING CLIENT COOPERATION TRANSMISSION THROUGH A GROUP RESOURCE ALLOCATION SCHEME IN A WIRELESS ACCESS 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)

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Date:		Signature of inventor
Date:		Signature of Inventor
Date:		Signature of Inventor
Date:	2012.11.08	Signature of Inventor

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PATENT REEL: 029544 FRAME: 0045