## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY	Y DATA				
		N	lame	Execution Date	
Sung Ho MOON				08/12/2011	
So Yeon KIM				07/05/2011	
Han Gyu CHO				07/05/2011	
Jae Hoon CHUNG				07/06/2011	
Seung Hee HAN				07/05/2011	
Yeong Hyeon KWOI	N			08/12/2011	
				]	
Name:	LG Electroni				
Street Address:			eonadeunano-au		
State/Country:	Seoul REPUBLIC OF KOREA				
	150-721				
Postal Code:	100-721				
PROPERTY NUMBE	RS Total: 1				
Property Type			Number		
Application Number: 13145		5104			
CORRESPONDENC	E DATA				
Fax Number:	(213)62	3-2211			
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ATTORNEY DOCKET NUMBER:		2101-5030			
				PATENT	

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NAME OF SUBMITTER:	Harry S. Lee
Total Attachments: 8 source=2101-5030_Assign#page1.tif source=2101-5030_Assign#page2.tif source=2101-5030_Assign#page3.tif source=2101-5030_Assign#page4.tif source=2101-5030_Assign#page5.tif source=2101-5030_Assign#page6.tif source=2101-5030_Assign#page7.tif	

#### (Our Ref.: TZ2010-0035US)Attorney Docket No.

ASSIGNMENT			
(1-8)	Insert Name(s) of Inventor(s)	(1) MOON, Sung Ho (2) KIM, So Yeon (3) CHO, Han Gyu	(4) CHUNG, Jae Hoon (5) HAN, Seung Hee (6) KWON, Yeong Hyeon
		valuable considerations paid undersigned agree(s) to assign, set over to	one dollar (\$1.00) and other good and to each of the undersigned, the and hereby does assign, transfer and
(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 Yeouido-dong, Yeongdeung	gpo-gu, Seoul, 150-721, Korea
		(hereinafter designated as the Assigne interest in the invention known as	ee) the entire worldwide right, title and
(	nsert identification of nvention, such as Title,	(12) METHOD FOR SETTING UP CARRI SYSTEM AND APPARATUS REQUIRED	
	Case Number or Foreign Application Number	for which the undersigned has (have) exec States of America and all patent applicatio thereto or based thereon.	nuted an application for patent in the United ons in foreign countries corresponding
(13)	Insert Date of Signing of Application	(13)	

ACCIONINACNIT

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.

Date:	Signature of Inventor
Date:	Signature of Inventor
Date: J July 2011	Signature of Inventor M & CM
Date: July bth, 2011	Signature of Inventor Jac Horn Cing
Date: 5 July 2011	Signature of Inventor
Date:	Signature of Inventor

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Attorney Docket No. 2101-5030

#### ASSIGNMENT

- (1-8) Insert Name(s) of Inventor(s)
- (1) SUNG HO MOON
- (2) SO YEON KIM

(10) Korea

- (5) SEUNG HEE HAN
- (3) HAN GYU CHO
- (6) YEONG HYEON KWON (7)
- (4) JAE HOON CHUNG (8)

(9) LG ELECTRONICS INC.

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) Insort state of Incorporation of Assignee
- (11) Insert address of Assignee
- (11) 20 Yeouido-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) METHOD FOR SETTING UP CARRIER IN CARRIER AGGREGATION SYSTEM AND APPARATUS REQUIRED FOR SAME (Application No. 13/145,104)

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.

The undersigned agree(s) to execute all papers necessary in connection with any interference 2) 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.

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.

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1) Date: Aug. 12. 201	Signature of Inventor
2) Date:	Signature of Inventor
3) Date:	Signature of Inventor
4) Date:	Signature of Inventor
5) Date:	Signature of Inventor
6) Date:	Signature of Inventor

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#### (Our Ref.: TZ2010-0035US)Attorney Docket No.

#### ASSIGNMENT

(1-8)	Insert Name(s) of Inventor(s)	(1) MOON, Sung Ho (2) KIM, So Yeon	(4) CHUNG, Jae Hoon (5) HAN, Seung Hee
		(3) CHO, Han Gyu	(6) KWON, Yeong Hyeon
		valuable consideratio	sum of one dollar (\$1.00) and other good and ns paid to each of the undersigned, the to assign, and hereby does assign, transfer and
(9)	Insert name of Assignee	(9) LG ELECTRONIC	S INC.
(10)	Insert state of Incorporation of Assignee	(10) <b>Korea</b>	
(11)	Insert address of Assignee	(11) 20 Yeouido-dong, Yeo	ongdeungpo-gu, Seoul, 150-721, Korea
		(hereinafter designated as th interest in the invention knov	e Assignee) the entire worldwide right, title and vn as
	Insert identification of Invention, such as Title,	(12) METHOD FOR SETTING SYSTEM AND APPARATUS R	UP CARRIER IN CARRIER AGGREGATION EQUIRED FOR SAME
	Case Number or Foreign Application Number	for which the undersigned has ( States of America and all patent thereto or based thereon.	have) executed an application for patent in the United applications in foreign countries corresponding
	Insert Date of Signing of Application	(13)	

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Date:	Signature of Inventor
Date: Jul. 5th. WI	Signature of Inventor
Date:	Signature of Inventor

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soyeon.kim/김소연/10.189.198.91/2011-07-05 15:25 **PATENT** 

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### (Our Ref.: TZ2010-0035US)Attorney Docket No.

#### ASSIGNMENT

(1-8)	Insert Name(s) of	(1) MOON, Sung Ho	(4) CHUNG, Jae Hoon
	Inventor(s)	(2) KIM, So Yeon	(5) HAN, Seung Hee
		(3) CHO, Han Gyu	(6) KWON, Yeong Hyeon
		valuable consideration	sum of one dollar (\$1.00) and other good and ns paid to each of the undersigned, the o assign, and hereby does assign, transfer and
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		(hereinafter designated as th interest in the invention know	e Assignee) the entire worldwide right, title and /n as
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Date:	Signature of Inventor
Date:	Signature of Inventor
Date: 04.12.2011	Signature of Inventor

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**RECORDED: 09/27/2011**