## 504348542 05/02/2017

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ	·			
		Name	Execution Date		
MOON IL LEE			04/18/2011		
JAE HOON CHUNG			04/18/2011		
HYUN SOO KO			04/18/2011		
SEUNG HEE HAN			04/18/2011		
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Name:	LG ELE	LG ELECTRONICS INC.			
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City:	SEOUL				
State/Country:	KOREA, REPUBLIC OF				
Postal Code:	150-721	150-721			
PROPERTY NUMBERS	Total: 1				
Property Type		Number			
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Application Number:	1	15584914			
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Application Number:	ΑΤΑ	15584914			
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## ASSIGNMENT

- (1-8) Insert Name(s) of (1) MOON IL LEE Inventor(s)
  - (2) JAE HOON CHUNG (6)
  - (3) HYUN SOO KO (7)

(9) LG ELECTRONICS INC.

(4) SEUNG HEE HAN (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

(5)

- Insert name of Assignee (9)
- (10) Korea
- (10) Insert 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 (12) METHOD AND BASE STATION FOR RECEIVING Invention, such as Title, **REFERENCE SIGNAL, AND METHOD AND USER** Case Number or Foreign EQUIPMENT FOR RECEIVING REFERENCE SIGNAL Application Number (Application no. 13/072,553)

> 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, 1) 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 Assignce 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 3) 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 4) 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 5) 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.

PATENT REEL: 042215 FRAME: 0325 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:	18 April 2011	Signature of Inventor 1 _	- tr
Date:	April 18th, 2011	Signature of Inventor 2	- 100 they dig
Date:	-pril 18th 2011	Signature of Inventor 3 _	
Date:	18. April, 2011	Signature of Inventor 4	

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