503691711 02/12/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HYEYOUNG CHOI	12/27/2015
HEEJEONG CHO	12/11/2015
JAEHOON CHUNG	12/14/2015
GENEBECK HAHN	12/11/2015
EUNJONG LEE	12/14/2015

RECEIVING PARTY DATA

Name:	LG ELECTRONICS INC.
Street Address:	128, YEOUI-DAERO, YEONGDEUNGPO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	150-721

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14912039

CORRESPONDENCE DATA

Fax Number: (202)496-7756

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 2024967500

Email: mlaip@dentons.com

Correspondent Name: DENTONS US LLP

Address Line 1: 1900 K. STREET, N.W.

Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	8737.01420.US00
NAME OF SUBMITTER:	MARK R. KRESLOFF
SIGNATURE:	/Mark R. Kresloff/
DATE SIGNED:	02/12/2016

Total Attachments: 4

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PATENT REEL: 037729 FRAME: 0813

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> PATENT REEL: 037729 FRAME: 0814

Assignment of Application

WHEREAS, I (WE)	Hyeyoung CHOI; Heejeong CHO; Ja Genebeck HAHN and Eunjong LEE	, respectively,
have invented certain new	and useful improvements in:	2 manoritant)
METHOD OF OBT	TAINING RRU INFORMATION BY B	BU, AND BBU
for which an application fo	r Letters Patent was executed on	

(Application No.	14/912,039	, Filed	February	12, 2016), and
WHEREAS,	LG ELECTRONICS INC.	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		***************************************	
	d to as "ASSIGNEE") having Yeongdeungpo-gu, Scoul, 15				

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5,00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

REEL: 037729 FRAME: 0815

Docket No.:

The undersigned hereby grant(a) the firm of Dentons, 1900 K Street, N.W., Washington, D.C. 20006 the power to insert on this assignment any further identification. Washington, D.C. 20006 the power to insert on this assignment any further identification including the application number and filing date, 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.

nes 2015/32,27	
	(Superior of Greatest) Hywycung CHOI
	(Signature of Enventre) Heejeong CHO
	(Signature of Secondary Jachoon CHUNG
	(Signature of Inventor) Genebeck HAHN
Date:	Signature of Inventors Euroforing LEE

Dentons US LLP 1900 K Street, N.W. Washington, D.C. 20006

DX: 5134540; 3

REEL: 037729 FRAME: 0816

Assignment of Application

WHEREAS, I (WE)	Hycyoung CHOI; Heejeong CHO; Jae Genebeck HAHN and Eunjong LEE	hoon CHUNG;
		, respectively,
nave invented certain new a	nd useful improvements in:	
METHOD OF OBT	AINING RRU INFORMATION BY BE	BU, AND BBU
for which an application for	Letters Patent was executed on	

(Application No.	14/912,039	, Filed	February 12, 2016), and
WHEREAS,	LG ELECTRONICS INC.		***************************************	
	d to as "ASSIGNEE") having Yeongdeungpo-gu, Seoul, 15			

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and Its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

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Date:	
	(Signature of Inventor) Hyeyoung CHOI
Date: 2015 2 . 11	· · · · · · · · · · · · · · · · · · ·
	(Signature of Inventor) Heejeong CHO
Date: 14 Dec. 2	ots Juffor Oly
	(Signature of Inventor) Jachoon CHUNG
Date: 2016.12.11	arh
	(Signature of Inventor) Geneheck HAHN
Date: 2017, 12, 11	
	(Signature of Inventur) Eurnions: LEE

Dentons US LLP 1900 K Street, N.W. Washington, D.C. 20006

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REEL: 037729 FRAME: 0818