

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4600327

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WAN CHOI	08/24/2017
BI HONG	08/24/2017
KYUNGRAK SON	08/24/2017
DONGIN KIM	08/23/2017
HANBYUL SEO	08/29/2017
RECEIVING PARTY DATA	
Name:	LG ELECTRONICS INC.
Street Address:	128 YEOUI-DAERO, YEOUNGDEUNGPO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15678886
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
Phone:	202-496-7500
Email:	mlapto@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:	8737.01806.US00
NAME OF SUBMITTER:	MARK R. KRESLOFF
SIGNATURE:	/Mark R. Kresloff/
DATE SIGNED:	09/19/2017
Total Attachments: 4	
source=8737_01806_Assignment#page1.tif	
source=8737_01806_Assignment#page2.tif	
source=8737_01806_Assignment#page3.tif	

Assignment of Application

WHEREAS, I (WE)	Wan CHOI; Bi HONG; Kyungrak SON; Dongin KIM; Hanbyul SEO
	, respectively,
have invented certain new and useful improvements in:	
METHOD FOR MULTICAST TRANSMISSION BASED ON ASYNCHRONOUS REQUEST IN WIRLESS COMMUNICATION SYSTEM AND APPARATUS FOR THE SAME	
for which an application for Letters Patent was executed on	

(Application No.	15/678,886	, Filed	August 16, 2017), and
WHEREAS,	LG ELECTRONICS INC.; RESEARCH BUSINESS FOUNDATION SUNGKYUNKWAN UNIVERSITY; KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY			
(hereinafter referred to as "ASSIGNEE") having a place of business at: 128, Yeoui-daero, Yeongdeungpo-gu, Seoul, 150-721, Republic of Korea; Sungkyunkwan Univ., 2066, Seobu-ro, Jangan-gu, Suwon-si Gyeonggi-do 16419, Republic of Korea; 291, Daehak-ro, Yuseong-gu Daejeon 34141, Republic of Korea				

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.

The undersigned hereby grant(s) the firm of Dentons, 1900 K Street, N.W., 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.

Date: Aug 24th, 2017 Wan Choi
(Signature of inventor)
Wan CHOI

Date: August 29, 2017 B
(Signature of inventor)
Bi HONG

Date: Aug 24 2017 Kyungrak Son
(Signature of inventor)
Kyungrak SON

Date: _____
(Signature of inventor)
Dongin KIM

Date: _____
(Signature of inventor)
Hanbyul SEO

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

DC 51245461.1

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.

The undersigned hereby grant(s) the firm of Dentons, 1900 K Street, N.W., 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.

Date: _____
(Signature of Inventor)
Wan CHOI

Date: _____
(Signature of Inventor)
Bi HONG

Date: _____
(Signature of Inventor)
Kyungrak SON

Date: August 23, 2017
(Signature of Inventor)

Dongin KIM

Date: _____
(Signature of Inventor)
Hanbyul SEO

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

DC 51245461.1

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.

The undersigned hereby grant(s) the firm of Dentons, 1900 K Street, N.W., 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.

Date: _____
(Signature of Inventor)
Wan CHOI

Date: _____
(Signature of Inventor)
Bi HONG

Date: _____
(Signature of Inventor)
Kyungrak SON

Date: _____
(Signature of Inventor)
Dongin KIM

Date: 8/29/2017 _____
(Signature of Inventor)
Hanbyul SEO

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

DC 31245461.1