

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3761709

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TAEHUN KIM	12/30/2015
JAEHYUN KIM	12/30/2015
JINSOOK RYU	12/30/2015
TAEHYEON KIM	01/18/2016
HYUNSOOK KIM	12/30/2015
LAEYOUNG KIM	12/30/2015
RECEIVING PARTY DATA	
Name:	LG ELECTRONICS INC.
Street Address:	128, YEOUNI-DAERO, YEONGDEUNGPO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	150-721
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14915489
CORRESPONDENCE DATA	
Fax Number:	(703)205-8050
<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:	(703)205-8000
Email:	mailroom@bskb.com, tuyet.a.nguyen@bskb.com
Correspondent Name:	BIRCH, STEWART, KOLASCH & BIRCH, LLP
Address Line 1:	P.O. BOX 747
Address Line 4:	FALLS CHURCH, VIRGINIA 22040-0747
ATTORNEY DOCKET NUMBER:	5438-0747PUS1
NAME OF SUBMITTER:	TUYET ANH NGUYEN
SIGNATURE:	/TUYET ANH NGUYEN/
DATE SIGNED:	02/29/2016
Total Attachments: 6	

source=2016-02-29_Assignment_5438-0747PUS1#page1.tif
source=2016-02-29_Assignment_5438-0747PUS1#page2.tif
source=2016-02-29_Assignment_5438-0747PUS1#page3.tif
source=2016-02-29_Assignment_5438-0747PUS1#page4.tif
source=2016-02-29_Assignment_5438-0747PUS1#page5.tif
source=2016-02-29_Assignment_5438-0747PUS1#page6.tif

BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENTApplication No. 14/915,489Filed February 29, 2016

Insert Name(s)
of Inventor(s)

*****(Given Name FAMILY NAME (ALL CAPS))*****

WHEREAS, KIM, Taehun; KIM, Jaehyun; RYU, Jinsook; KIM, Taehyeon; KIM, Hyunsook
and KIM, Laeyoung (hereinafter designated as the undersigned) has (have) invented certain new
and useful improvements in:

Insert Title
of Invention

**METHOD FOR RESELECTING NETWORK NODE IN CHARGE OF
CONTROL PLANE**

for which an application for Letters Patent of the United States of America has been executed by the
undersigned (except in the case of a provisional application)

Insert Date
of Signing of
Application

on December 30, 2015; and

Insert Name
of Assignee
Insert Address
of Assignee

WHEREAS, **LG ELECTRONICS INC.**

of 128, Yeoui-daero, Yeongdeungpo-gu Seoul 150-721 Republic of Korea

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is
desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters
Patent(s) that may be granted therefor in the United States of America and

CHECK BOX
IF APPROPRIATE

☒ **in any foreign countries.**

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand
paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the
undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and
transfer unto said Assignee the full and exclusive right to the said invention in the United States of
America, its territories, dependencies and possessions and the entire right, title and interest in and to
any and all Letters Patent(s) which may be granted therefor in the United States of America, its
territories, dependencies and possessions, and if the box above is designated, in any and all foreign
countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full
term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any
continuing, divisional, conversion or reissue applications thereof 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 which
may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter
Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining
and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be
necessary in connection with claims or provisions of the International Convention for the Protection of
Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP 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 U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date Dec. 30. 2015, Name of Inventor TAEHUN KIM
(signature) KIM, Taehun

Date Dec. 30, 2015, Name of Inventor JAEHYUN KIM
(signature) KIM, Jaehyun

Date Dec. 30. 2015, Name of Inventor JINSOOK RYU
(signature) RYU, Jinsook

Date _____, Name of Inventor _____
(signature) KIM, Taehyeon

Date Dec. 30, 2015, Name of Inventor Hyunsook Kim
(signature) KIM, Hyunsook

SN: 14/915,489
Filed on February 29, 2016

14FCCM1080US02

ATTORNEY DOCKET NO.: 5438-0747PUS1

Date Dec 30, 2015,

Name of Inventor LAEYOUNG KIM
(signature) KIM, Laeyoung

BIRCH, STEWART, KOLASCH & BIRCH, LLPUNITED STATES PATENT RIGHTS, OR
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS**ASSIGNMENT**Application No. 14/915,489Filed February 29, 2016Insert Name(s)
of Inventor(s)

*** (Given Name FAMILY NAME (ALL CAPS)) ***

WHEREAS, KIM, Taehun; KIM, Jaehyun; RYU, Jinsook; KIM, Taehyeon; KIM, Hyunsook and KIM, Laeyoung (hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in:

Insert Title
of Invention**METHOD FOR RESELECTING NETWORK NODE IN CHARGE OF CONTROL PLANE**

for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application)

Insert Date
of Signing of
Applicationon January 18, 2016; andInsert Name
of Assignee
Insert Address
of Assignee

WHEREAS, LG ELECTRONICS INC.

of 128, Yeoui-daero, Yeongdeungpo-gu Seoul 150-721 Republic of Korea

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

CHECK BOX
IF APPROPRIATE☒ in any foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof 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 which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP 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 U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date _____, Name of Inventor _____
(signature) KIM, Taehun

Date _____, Name of Inventor _____
(signature) KIM, Jaehyun

Date _____, Name of Inventor _____
(signature) RYU, Jinsook

Date January 18, 2016, Name of Inventor TAEHYEON KIM
(signature) KIM, Taehyeon

Date _____, Name of Inventor _____
(signature) KIM, Hyunsook

SN: 14/915,489
Filed on February 29, 2016

14FCCM1080US02

ATTORNEY DOCKET NO.: 5438-0747PUS1

Date _____,

Name of Inventor _____

(signature) KIM, Laeyoung