

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jin-Hyoung KIM	01/21/2010
Sun-Gi KIM	01/21/2010
Dae-Hyung KWON	01/21/2010
Choong-Seon HONG	01/20/2010
Jin-Ho KIM	01/20/2010
Byung-Goo CHOI	01/20/2010
Ji-Hyuk HEO	01/20/2010

RECEIVING PARTY DATA

Name:	Samsung Electronics Co., Ltd.
Street Address:	416, Maetan-dong, Yeongtong-gu
City:	Suwon-si, Gyeonggi-do
State/Country:	REPUBLIC OF KOREA

Name:	University-Industry Cooperation Group of Kyung Hee University
Street Address:	Kyunghee Univ. Global Campus, 1, Seocheon-dong, Giheung-gu
City:	Yongin-si, Gyeonggi-do
State/Country:	REPUBLIC OF KOREA

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12702793

CORRESPONDENCE DATA

Fax Number: (516)228-8475
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 5162283565
 Email: jk@farrelliplaw.com
 Correspondent Name: Paul J. Farrell

OP \$40.00 12702793

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Address Line 4: melville, NEW YORK 11747

ATTORNEY DOCKET NUMBER:

678-3802

NAME OF SUBMITTER:

Paul J. Farrell

Total Attachments: 4

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ASSIGNMENT

DOCKET NO. 678-3802 (P17186)

AS A BELOW NAMED INVENTOR, I, and each of us, individually hereby declare that: IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt of which from the hereinafter named Assignee is hereby acknowledged, I do hereby sell, assign and forever grant and convey unto:

ASSIGNEE: Samsung Electronics Co., Ltd.

ADDRESS: 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea

ASSIGNEE: University-Industry Cooperation Group of Kyung Hee University

ADDRESS: Kyunghee Univ. Global Campus, 1, Seocheon-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea

Who is my Assignee, and to the successes and assigns of my Assignee, all my right, title and interest, in and for the United States of America and all other countries, including all rights of priority, in and to the invention entitled:

TITLE: METHOD FOR SUPPORTING MOBILITY OF A MOBILE NODE IN A MULTI-HOP IP NETWORK AND A NETWORK SYSTEM THEREFOR

invented by me (if only one inventor is named below) or us (if more than one inventor is named below) and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment or indicates an attorney docket no. 678-3802 (P17186), or is more particularly identified as:

- X executed on even date herewith, or February 9, 2010
- Serial No 12/702,793 filed in the U.S. Patent & Trademark Office on _____, or
- executed on _____,

and in and to all United States patents which may be granted thereon and therefore, and in and to all certificates of corrections, divisions, continuations, continuations-in-part, reissued and re-examined patents, and to any extensions thereof, said interest being the entire ownership of the patent when granted, to be held and enjoyed by said **SAMSUNG ELECTRONICS CO., LTD. & UNIVERSITY-INDUSTRY COOPERATION GROUP OF KYUNG HEE UNIVERSITY**, my Assignee, its successors, assigns or other legal representatives, to the full end of the term, terms, or any extension or renewal thereof, for which said patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment, sale and conveyance had not been made;

AND I hereby covenant and agree to sign and execute any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or in the preparation and prosecution of any certificate of correction, division, continuation, continuation-in-part, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee;

AND I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Patent or Patents to the Assignee, and I hereby appoint as my, or our attorney, and authorize and request Paul J. Farrell, Reg. No. 33,494, to insert on this Assignment any further identification or to complete such identification which may be either necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

And I further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I and we have set our hands and seals on the dates written beside my and our respective names:

<u>INVENTOR(S)</u>	<u>Date Signed</u>	<u>Witness(es)</u>
1) <u>Jin-Hyung Kim</u> Jin-Hyung KIM	(Seal) <u>2010.01.21</u>	<u>hee Won Jung</u>
2) <u>Sun-Gi KIM</u>	(Seal) <u>2010.01.21</u>	<u>hee Won Jung</u>
3) <u>Dae-Hyung KWON</u>	(Seal) <u>2010.01.21</u>	<u>hee Won Jung</u>
4) _____ Choong-Seon HONG	(Seal) _____	_____
5) _____ Jin-Ho KIM	(Seal) _____	_____
6) _____ Byung-Gu CHOI	(Seal) _____	_____
7) _____ Ji-Hyuk HEO	(Seal) _____	_____

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ADDRESS: **416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea**

ASSIGNEE: **University-Industry Cooperation Group of Kyung Hee University**

ADDRESS: **Kyunghee Univ. Global Campus, 1, Seocheon-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea**

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TITLE: **METHOD FOR SUPPORTING MOBILITY OF A MOBILE NODE IN A MULTI-HOP IP NETWORK AND A NETWORK SYSTEM THEREFOR**

invented by me (*if only one inventor is named below*) or us (*if more than one inventor is named below*) and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment or indicates an attorney docket no. 678-3802 (P17186), or is more particularly identified as:

executed on even date herewith, or
 Serial No. 12/702,793 filed in the U.S. Patent & Trademark Office on February 9, 2010, or
 executed on _____,

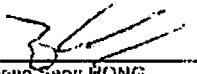
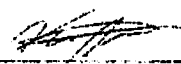

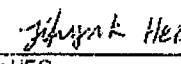
and in and to all United States patents which may be granted thereon and therefore, and in and to all certificates of corrections, divisions, continuations, continuations-in-part, reissued and re-examined patents, and to any extensions thereof, said interest being the entire ownership of the patent when granted, to be held and enjoyed by said **SAMSUNG ELECTRONICS CO., LTD. & UNIVERSITY-INDUSTRY COOPERATION GROUP OF KYUNG HEE UNIVERSITY**, my Assignee, its successors, assigns or other legal representatives, to the full end of the term, terms, or any extension or renewal thereof, for which said patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment, sale and conveyance had not been made;

AND I hereby covenant and agree to sign and execute any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or in the preparation and prosecution of any certificate of correction, division, continuation, continuation-in-part, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee;

AND I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Patent or Patents to the Assignee, and I hereby appoint as my, or our attorney, and authorize and request **Paul J. Farrell, Reg. No. 33,494**, to insert on this Assignment any further identification or to complete such identification which may be either necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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IN WITNESS WHEREOF, I and we have set our hands and seals on the dates written beside my and our respective names.

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6)  _____ Byung Goo CHOI	(Seal) 2010.01.20	_____
7)  _____ Jinyuk HEO	(Seal) 2010.01.20	_____