

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Chang Sub SHIN</td> <td>09/02/2009</td> </tr> <tr> <td>Wun Cheol JEONG</td> <td>09/02/2009</td> </tr> <tr> <td>Anseok LEE</td> <td>09/02/2009</td> </tr> <tr> <td>So Young HWANG</td> <td>09/02/2009</td> </tr> <tr> <td>Seong Soon JOO</td> <td>09/02/2009</td> </tr> <tr> <td>Jong Suk CHAE</td> <td>09/02/2009</td> </tr> </tbody> </table>		Name	Execution Date	Chang Sub SHIN	09/02/2009	Wun Cheol JEONG	09/02/2009	Anseok LEE	09/02/2009	So Young HWANG	09/02/2009	Seong Soon JOO	09/02/2009	Jong Suk CHAE	09/02/2009
Name	Execution Date														
Chang Sub SHIN	09/02/2009														
Wun Cheol JEONG	09/02/2009														
Anseok LEE	09/02/2009														
So Young HWANG	09/02/2009														
Seong Soon JOO	09/02/2009														
Jong Suk CHAE	09/02/2009														
RECEIVING PARTY DATA															
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE</td> </tr> <tr> <td>Street Address:</td> <td>161 Gajeong-dong, Yuseong-gu,</td> </tr> <tr> <td>City:</td> <td>Daejeon-city,</td> </tr> <tr> <td>State/Country:</td> <td>REPUBLIC OF KOREA</td> </tr> </table>		Name:	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE	Street Address:	161 Gajeong-dong, Yuseong-gu,	City:	Daejeon-city,	State/Country:	REPUBLIC OF KOREA						
Name:	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE														
Street Address:	161 Gajeong-dong, Yuseong-gu,														
City:	Daejeon-city,														
State/Country:	REPUBLIC OF KOREA														
PROPERTY NUMBERS Total: 1															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12554551</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12554551										
Property Type	Number														
Application Number:	12554551														
CORRESPONDENCE DATA															
<p>Fax Number: (202)434-1501</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-434-1500</p> <p>Email: ayoshino@s-n-h.com</p> <p>Correspondent Name: STAAS & HALSEY LLP</p> <p>Address Line 1: SUITE 700</p> <p>Address Line 2: 1201 NEW YORK AVENUE, N.W.</p> <p>Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005</p>															
ATTORNEY DOCKET NUMBER:	1998.1070														
NAME OF SUBMITTER:	J. Randall Beckers														

CH \$40.00 12554551

500957613

PATENT
REEL: 023206 FRAME: 0495

Total Attachments: 1
source=1998-1070-Assignment#page1.tif

U.S. ASSIGNMENT

54H 1/00

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) SHIN, Chang Sub; JEONG, Wun Cheol; LEE, Anseok; HWANG, So Young; JOO, Seong Soon; CHAE, Jong Suk (hereinafter, "ASSIGNOR") by

Name: Electronics and Telecommunications Research Institute
Address: 161 Gajeong-dong, Yuseong-gu, Daejeon-city, Republic of Korea

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

SUPER FRAME STRUCTURE AND BEACON SCHEDULING METHOD FOR MESH NETWORKING

relating to International Patent Application PCT/JP / _____ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on ;

(Insert date of execution of application, if not concurrent)

(b) filed on ,

Serial No. ;

Any registered attorney of STAAS & HALSEY LLP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Typed Name & Signature of Inventor(s))

(Date)

(Typed Name & Signature of Witness(es))

1) <u>SHIN, Chang Sub</u>	<u>Sep 2, 2009</u>	<u>NA, Hyemi</u>
2) <u>JEONG, Wun Cheol</u>	<u>Sept. 2, 2009</u>	<u>NA, Hyemi</u>
3) <u>LEE, Anseok</u>	<u>SEP 2, 2009</u>	<u>NA, Hyemi</u>
4) <u>HWANG, So Young</u>	<u>Sep. 2, 2009</u>	<u>NA, Hyemi</u>
5) <u>JOO, Seong Soon</u>	<u>Sep 2, 2009</u>	<u>NA, Hyemi</u>
6) <u>CHAE, Jong Suk</u>	<u>Sep 2, 2009</u>	<u>NA, Hyemi</u>

PATENT

RECORDED: 09/09/2009

REEL: 023206 FRAME: 0497