

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Kyung Gyu CHUN</td><td>10/22/2007</td></tr><tr><td>Soon Seok LEE</td><td>10/22/2007</td></tr></tbody></table>		Name	Execution Date	Kyung Gyu CHUN	10/22/2007	Soon Seok LEE	10/22/2007		
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<table border="1"><tr><td>Name:</td><td>Electronics and Telecommunications Research Institute</td></tr><tr><td>Street Address:</td><td>161 Gajeong-dong, Yusong-gu</td></tr><tr><td>City:</td><td>Daejeon</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, Yusong-gu	City:	Daejeon	State/Country:	REPUBLIC OF KOREA
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PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11948945</td></tr></tbody></table>		Property Type	Number	Application Number:	11948945				
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Application Number:	11948945								
CORRESPONDENCE DATA									
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NAME OF SUBMITTER:	Steven M. Rabin - 29,102								
Total Attachments: 2 source=CSL-103_ASS filed#page1.tif source=CSL-103_ASS filed#page2.tif									

OP \$40.00 11948945

500421687

PATENT
REEL: 020257 FRAME: 0234

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Kyung Gyu CHUN residing in, 118-504 Hanbit Apt., Eoeun-dong, Yusong-gu, Daejeon, Republic of Korea and Soon Seok LEE residing in, 204-1603 Songnim Maeul 2-Danji, Hagi-dong, Yusong-gu, Daejeon, Republic of Korea

hereinafter referred to collectively as the assignor, has invented a certain improvement relating to
TANDEM CONNECTION MONITORING METHOD IN MPLS NETWORK

[X] the inventor(s) declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;
 [x] said application having been filed in the United States Patent and Trademark Office on November 30, 2007, authorization being hereby given to my attorneys, Steven M. Rabin, Robert H. Berdo, Jr., Phillip G. Avruch and Allen Wood of RABIN & BERDO, P.C., 1101 14th Street, N.W., Washington, D.C. 20005, to insert here in parentheses (Application Serial No. 11/948,945) the application serial number of said application when known;

AND WHEREAS ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE of the Republic of Korea, having a place of business at 161 Gajeong-dong, Yusong-gu, Daejeon, Republic of Korea, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this 22 day of October, 2007.

WITNESSES:

Signature: _____

Name: JEON Sang-Jin

Address: 104-1601 Maegil-dong, Gumi-dong,
Bundang-gu, Sungnam, Gyeonggi-do,
Republic of Korea

ASSIGNOR:Signature: KYUNG GYU CHUNName: CHUN, Kyung Gyu**PATENT****REEL: 020257 FRAME: 0235**

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

Page 2 of 2

WITNESSES:

Signature: [Signature]

Name: HUANG, Eun-Hee

Address 109-1801 Seang-yong Apt. Chongryu-dong
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ASSIGNOR:

Signature: [Signature]

Name: LEE, Soon Seok

PATENT

RECORDED: 12/17/2007

REEL: 020257 FRAME: 0236