

PATENT ASSIGNMENT

Electronic Version v1.1

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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>ZHIQIANG QIAN</td><td>11/18/2008</td></tr><tr><td>PARITOSH BAJPAY</td><td>11/18/2008</td></tr><tr><td>MICHAEL JOHN ZINNIKAS</td><td>11/18/2008</td></tr><tr><td>JACKSON LIU</td><td>11/18/2008</td></tr></tbody></table>	Name	Execution Date	ZHIQIANG QIAN	11/18/2008	PARITOSH BAJPAY	11/18/2008	MICHAEL JOHN ZINNIKAS	11/18/2008	JACKSON LIU	11/18/2008	
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MICHAEL JOHN ZINNIKAS	11/18/2008										
JACKSON LIU	11/18/2008										
RECEIVING PARTY DATA											
Name:	AT&T INTELLECTUAL PROPERTY I, L.P.										
Street Address:	645 E. Plumb Lane										
City:	RENO										
State/Country:	NEVADA										
Postal Code:	89502										
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>12272980</td></tr></tbody></table>	Property Type	Number	Application Number:	12272980							
Property Type	Number										
Application Number:	12272980										
CORRESPONDENCE DATA											
Fax Number:	(954)463-2224										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	9544632700										
Email:	Pablo.Meles@akerman.com										
Correspondent Name:	PABLO MELES										
Address Line 1:	350 E. LAS OLAS BOULEVARD										
Address Line 2:	LAS OLAS CENTRE II, SUITE 1600										
Address Line 4:	FORT LAUDERDALE, FLORIDA 33301-2229										
ATTORNEY DOCKET NUMBER:	7785-411_2008-0490										
NAME OF SUBMITTER:	PABLO MELES										
Total Attachments: 5											

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PATENT
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ASSIGNMENT

WHEREAS, **Zhiqiang Qian**, a citizen of China, residing at Holmdel, NJ, **Parltosh Bajpay**, a citizen of the United States of America, residing at Edison, NJ, **Michael John Zinnikas**, a citizen of the United States of America, residing at North Brunswick, NJ and **Jackson Liu**, a citizen of the United States of America, residing at Middletown, NJ, hereinafter called the "Assignors", have made the invention described in the United States Patent Application entitled "**NETWORK DIAGNOSTICS**" Attorney Docket No. 7785-411 (AT&T 2008-0490), for a full description of which reference is here made to an application for Letters Patent of the United States filed on herewith and,

WHEREAS, AT&T INTELLECTUAL PROPERTY I, L.P., a partnership organized and existing under the laws of the State of Nevada, having a place of business at 645 E Plumb Lane, Reno, Nevada 89502, hereinafter called the "Assignee", desires to acquire the entire right, title and interest for the United States of America and elsewhere throughout the world in and to said invention and the patent application identified above, including any and all divisions and continuations thereof and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof.

NOW, THEREFORE in consideration of the sum of One Dollar (\$1.00) and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term and terms for all such patents.

AND said Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee to carry out the terms of this Assignment. Assignors authorize attorney or agent to fill in the U.S. Application Serial No. above, if required.

AND said Assignors authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any all divisions and continuations thereof, to said Assignee, its assigns and legal representatives, in accordance with the terms of this Assignment.

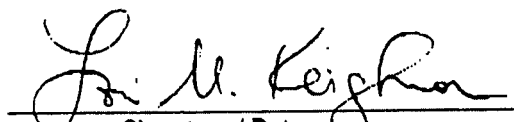
IN TESTIMONY WHEREOF, this Assignment is executed by said Assignors, on the date(s) listed below.


Zhiqiang Qian

11/18/2008
Date

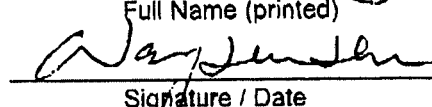
Witnesses for Inventor

First Witness:

 11/18/08
Signature / Date

Lori M. Keighron
Full Name (printed)

Second Witness:

 11/18/2008
Signature / Date

ZHENZHEN WANG
Full Name (printed)

Paritosh Bajpay 11/18/2008
Paritosh Bajpay Date

Witnesses for Inventor

First Witness:

Kathy Sicker 11-18-08
Signature / Date

KATHY SICKER
Full Name (printed)

Second Witness:

Debra Claybrook 11/18/08
Signature / Date

Debra Claybrook
Full Name (printed)

Michael John Zarnikas 11/18/2008
Michael John Zarnikas Date

Witnesses for Inventor

First Witness:

Lori M. Keighron 11/18/08
Signature / Date

Lori M. Keighron

Full Name (printed)

Second Witness:

Zhenzhen Wang 11/18/2008
Signature / Date

ZHENZHEN WANG

Full Name (printed)

Jackson Liu Nov. 18, 2008
Jackson Liu Date

Witnesses for Inventor

First Witness:

Wang Zhen 11/18/2008
Signature / Date

ZHEN ZHEN WANG

Full Name (printed)

Second Witness:

Kathy Sickler 11.18.08
Signature / Date

KATHY SICKLER
Full Name (printed)